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PATENT APPLICATION FEE DETERMINATION RECORD
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Application or Docket Number: 11,735,477

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE ($)	SMALL ENTITY FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY FEE ($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	75		N/A	300
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	250		N/A	500
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	100		N/A	200
TOTAL CLAIMS (37 CFR 1.16(i))	116 minus 20 =	* 96	X 25=	2400	OR	X 50=	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3 minus 3 =	*	X 100=			X 200=	
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))			N/A			N/A	
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	2825		TOTAL	

APPLICATION AS AMENDED – PART II

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE ($)	SMALL ENTITY ADDITIONAL FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE ($)
AMENDMENT A	Total (37 CFR 1.16(i))	*	Minus	**	=	X =		OR	X =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X =		OR	X =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					N/A		OR	N/A	
						TOTAL ADD'T FEE		OR	TOTAL ADD'T FEE	

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE ($)	SMALL ENTITY ADDITIONAL FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE ($)
AMENDMENT B	Total (37 CFR 1.16(i))	*	Minus	**	=	X =		OR	X =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X =		OR	X =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					N/A		OR	N/A	
						TOTAL ADD'T FEE		OR	TOTAL ADD'T FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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GOOGLE EXHIBIT 1003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TITLE OF THE INVENTION

RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT

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RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT

RELATED APPLICATIONS

[0001] This application is a Continuation of US U.S. Non-provisional Application No. 09/878,097, filed June 8, 2001, entitled "RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT," which is a Continuation-in-Part of U.S. Non-provisional Application No. 09/825,511, filed April 7, 2001, entitled "RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT," the benefit of the filing date of which is claimed under 35 U.S.C. § 120. This application further claims the benefit of the filing dates of U.S. Provisional Application No. 60/211,019, filed June 12, 2000, entitled "METHOD AND SYSTEM FOR RESOLUTION INDEPENDENT DISPLAY OF HTML AND XML CONTENT" and U.S. Provisional Application No. 60/217,345, filed July 11, 2000, entitled "METHOD AND SYSTEM FOR SELECTION, RETRIEVAL, AND CONVERSION OF COMPUTER CONTENT TO VECTOR FORMAT FOR RESOLUTION INDEPENDENT DISPLAY," under 35 U.S.C. § 119(e). This application also contains subject matter related to Divisionals (of 09/878,097) U.S. Non-provisional Application Nos. 11/045,757 and 11/045,649, both entitled "RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT," and filed January 28, 2005.

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BACKGROUND OF THE INVENTION

Field of the Invention

[0003] The invention relates generally to translation of Internet and World Wide Web content to scalable vector representation. More particularly, the invention relates to apparatus and methods for zoom enabling the display of content in an Internet information browser by retrieving and translating HyperText Markup Language (HTML), eXtensible Markup Language (XML), and other Internet content to vector representations of that content.

Description of the Related Art

[0004] Text only Internet information browsers began as a project at the CERN, European Organization for Nuclear Research, facility in Geneva Switzerland. From its inception the intent was to provide a mesh or web of access to data with a common user interface. Browsers moved from the academic environment when NCSA, the National Center for Supercomputing Applications at the University of Illinois in Urbana-Champaign developed Mosaic, an Internet information browser and World Wide Web client.

[0005] Internet content is stored in multiple file formats. These formats include HTML (Hyper Text Markup Language) and XML (eXtended Markup Language) as well as graphic file format GIF (Graphics Interchange Format) and JPEG (Joint Photographic Experts Group). These four file formats constitute the majority of Internet content. Font size and resizing display area for content can alter the size of the display of Internet content in existing browsers. The majority of Internet content displays as a flat single resolution with no browser support for zoom.

[0006] Much of the Internet content has been designed for display on desktop computers with a single target resolution. Even though HTML has the ability to adapt to changes in screen resolution, major Internet content providers have chosen to create their Web pages using fixed resolution structures, such as tables. This gives them the ability to control the look and feel of their Web sites. This fixed resolution approach has evolved to the point that the fixed resolution layout of Web pages has become the most common method to brand or uniquely identify Web sites. While this fixed resolution approach is good for site branding and product differentiation it does present a daunting technical problem for display of Internet content (designed for desktop computers) on small screen, low resolution, or different aspect ratio devices, such as cell phones and hand held computers.

BRIEF SUMMARY OF THE INVENTION

[0007] Techniques for supporting resolution-independent vector display of Internet (Web) content to allow Web pages to be scaled (zoomed) and panned for better viewing and/or to fit any resolution or screen size. According to one aspect, novel client-side processing of Web content is provided that translates portions of Web content requested by a user from an original format to a scalable vector-based format. The scalable vector-based format enables the Web content to be rendered by the client such that the rendered display substantially retains an original page layout defined by the original format, while supporting scaling and panning of the Web content in real-time.

[0008] Other features of the present invention will be apparent from the accompanying drawings and from the detailed description that follows.

BRIEF DESCRIPTION OF THE DRAWINGS

[0010] The appended claims set forth the features of the invention with particularity. The invention, together with its advantages, may be best understood from the following detailed description taken in conjunction with the accompanying drawings of which:

[0011] Figure 1A is a block schematic diagram illustrating a first exemplary system infrastructure in accordance with the present invention in which content translation services are performed by a third-party proxy service that translates content requested from a client that is retrieved from one or more network resources into a scalable vector representation and delivers the translated content to the client;

[0012] FIGURE 1B is a block schematic diagram illustrating a second exemplary system infrastructure in which the translation of content is performed at a content provider's web site and delivered directly to the requesting client;

[0013] FIGURE 1C is a block schematic diagram illustrating a third exemplary system infrastructure in which content received from one or more network sources is translated into a scalable vector representation at the client;

[0014] FIGURE 2A is a flowchart illustrating how data is retrieved, processed and transferred in accordance with the system infrastructure of FIGURE 1A;

[0015] FIGURE 2B is a flowchart illustrating how data is retrieved, processed and transferred in accordance with the system infrastructure of FIGURE 1B;

[0016] FIGURE 2C is a flowchart illustrating how data is retrieved, processed and transferred in accordance with the system infrastructure of FIGURE 1C;

[0017] FIGURE 3 is a block schematic diagram illustrating an exemplary architecture corresponding to the proxy server of FIGURE 1A;

[0018] FIGURE 4A is a representation of an exemplary web page has displayed on a conventional browser;

[0019] FIGURE 4B is a schematic diagram illustrates various objects that are generated based on the HTML code of the web page of FIGURE 4A;

[0020] FIGURE 4C is a schematic diagram illustrating a set of vectors and bounding boxes corresponding to the objects generated in FIGURE 4B;

[0021] FIGURE 4D is a schematic diagram illustrating how various vectors and bounding boxes may be defined in accordance with the invention;

[0022] FIGURE 4E is a representation of the web page of FIGURE 4A after it has been offset and scaled in accordance with the invention;

[0023] FIGURE 4F is a schematic diagram illustrating new datum points and bounding boxes corresponding to the scaled and offset web page;

[0024] FIGURE 4G is a schematic diagram illustrating new vectors and bounding box parameters for a pair of objects in the scaled and offset web page;

[0025] FIGURE 5 is a flowchart illustrating the logic used by the invention when translating content into a scalable vector representation of that content;

[0026] FIGURE 6 is a flowchart illustrating client-side operations that are performed to create a rendered display page based on the translated content the client receives and user-input;

[0027] FIGURES 7A and 7B are representations of a nominal and a zoomed in column view of an exemplary web page as they might appear on a Palm device;

[0028] FIGURE 8A and 8B are representation of nominal and zoomed in view of an exemplary graphic image as they might appear on the Palm device;

[0029] FIGURE 9A and 9B are representations of a nominal and zoomed in view of a text portion of a web page as they might appear on the Palm device; and

[0030] FIGURE 10 illustrates an exemplary computer system that may be used for implementing various aspects of embodiments of the invention.

DETAILED DESCRIPTION OF THE INVENTION

[0031] Apparatus and methods are described for creating resolution independent vector display of Internet content to allow it to be scaled (zoomed) larger and smaller for better viewing or to fit any resolution or screen size. In addition, infrastructure and methods are provided for delivering such content to clients.

[0032] In the following description, for the purposes of explanation, numerous specific details are set forth in order to provide a thorough understanding of the present invention. It will be apparent, however, to one skilled in the art that the present invention may be practiced without some of these specific details. In other instances, well-known structures and devices are shown in block diagram form.

[0033] The present invention includes various operations, which will be described below. The operations of the present invention may be performed by hardware components or may be embodied in machine-executable instructions, which may be used to cause a general-purpose or special-purpose processor or logic circuits programmed with the instructions to perform the operations. Alternatively, the operations may be performed by a combination of hardware and software.

[0034] The present invention may be provided as a computer program product that may include one or more machine-readable mediums having stored thereon instructions, which may be used to program a computer (or other electronic devices) to perform a process according to the present invention. The machine-readable medium may include, but is not limited to, floppy diskettes, optical disks, CD-ROMs, and magneto-optical disks, ROMs, RAMs, EPROMs, EEPROMs, magnetic or optical cards, flash memory, or other type of media / machine-readable medium suitable for storing electronic instructions. Moreover, the present invention may also be downloaded as a computer program product, wherein the program may be transferred from a remote

computer (*e.g.*, a server) to a requesting computer (*e.g.*, a client) by way of data signals embodied in a carrier wave or other propagation medium via a communication link (*e.g.*, a modem or network connection). Accordingly, herein, a carrier wave shall be regarded as comprising a machine-readable medium.

[0035] Client Overview

[0036] According to one embodiment, an ultra-thin client-side viewer provides the graphics, linking, caching, and function handling capabilities necessary for extending the web to almost any platform. It is designed as a lightweight browser (micro-browser) running directly on device operating systems. In alternative embodiments, the client-side viewer may be deployed as a standard browser plug-in, or Java applet for extending browser functionality. In one embodiment, the client-side viewer attains its small size and efficiency by taking advantage of the power of SVF (Simple Vector Format) to describe almost any current web content. SVF files can be handled with a tiny fraction of the client code required by normal web browsers because current browsers must interpret a large and growing number of file types and their idiosyncrasies. SVF was originally designed to handle a superset of the most commonly used file formats in the complex world of CAD. It can accommodate not only new graphical functions, but the storage and transfer of almost any foreseeable new functional capability. SVF has been under consideration by the W3C (World Wide Web Consortium) for adoption as a standard for vector content on the World Wide Web.

[0037] By working tightly with a server-side content translator, web content and functionality can be passed seamlessly to the end user platform without any degradation in the look or feel of the output. In addition, because the resulting file graphics are handled as vectors, the end user can control real time changes in the size of text and

graphics as well as what portion of the file is viewable in the display. This "zoom and pan" capability, familiar to CAD and other vector content software users, adds dramatically to the usability of non-standard display sizes. For very small displays, real time zooming and panning allows the user to see graphics and text at sizes that make them easily readable, and then "back up" to view an entire page for context or pan in any direction for navigation. Because the client-side viewer manipulates vectors, there is no loss in quality as the display is zoomed. The graphics rendering engine within the client is so efficient that file manipulation happens in a fraction of a second. There is no perceptible wait for the user as the file is resized, or the window is repositioned. Content created for one display resolution now can be sized, real time, for any other display without degradation. Besides making small displays eminently usable, this technology extends web content into some surprising new arenas. For example, it enables normal desktop displays to be effective for individuals with visual impairment, or for content designed for 640X480 standard PC monitors to be shown without degradation on web billboards now appearing in cities like Seattle and San Francisco.

[0038] With a client of such extraordinary power packed in a tiny footprint, end user device manufacturers can free up valuable memory space for pre-fetching, caching and pre-loading content, dramatically improving performance for use in low bandwidth and portable applications. In the example of a wireless handheld device where expensive flash memory must be used instead of more cost effective bulk storage technology, the difference between consuming 10's of megabytes of flash memory with a standard browser versus running the client-side viewer described herein is dramatic.

[0039] Those "saved" megabytes of memory are now available for impressive interfaces, caching of often used content, and pre-fetching of intelligently selected linked files or pre-loading of content for targeted applications. For example, in a mapping

application, the map tiles surrounding the viewed map could be downloaded and stored while the user was working with the initial tile, enabling an experience remarkably free from the current frustrations of waiting for a new map to be transferred for even the smallest change in magnification or coverage. If the user knows ahead of time what city they will visit on a business trip, maps and additional travel information in great detail could also be pre-loaded using a high bandwidth connection at home or in the office before heading out to shop or conduct business in the city. Additionally, SVF is a more efficient way to store web content. Resulting content files are reduced in size by anywhere from 20 to 80 percent over their source. SVF is also very compressible. With target file size reduction in the range of 90%, SVF files can take up as little as $1/10^{th}$ the space of the web files in current use. This means that pre-translated content can be moved up to 10 times the rate of current web pages, and as much as 10 times as many pages, maps, stock charts, *etc.* can be stored for instant retrieval on the hand held platform as can be handled with current web technology.

[0040] When used on content created natively in SVF, additional capability can be extended to the client-side viewer.

[0041] Graphing the performance of stocks over time is only one use of SVF's ability to handle streams of data. Handling the output from financial systems, transactional systems, ERP packages, and CRM systems becomes easier and more flexible. Of course, systems integrators don't have to use these powerful capabilities to start with. If the target system provides web interfaces, these can be viewed, as designed, with no additional software to write, and no changes to the design or layout of the interface.

[0042] Server Overview

[0043] Enabling the client-side viewer to be so small and powerful is the server-side content translator. The server-side content translator rapidly translates Web content to SVF, compresses and encrypts the SVF results if desired, and transfers the vector formatted results to the client-side viewer. Alternatively, SVF files can be cached or stored in a file system for fetching and transfer at a later time. Pre-translated or cached content transfers are significantly faster as no conversion overhead is incurred, and file sizes are reduced using the more efficient SVF. Combine that with standard compression algorithms selectable for use with the client-side viewer for additional performance improvements.

[0044] During the translation process, and in the process of serving cached, pre-translated, or native SVF content, output files are "streamed" to the client-side viewer. Although this does not decrease the total time for file transfer, it can significantly improve the effective system performance for the end user. Content can be selectively streamed, with text and links coming through first, followed by graphic images and other content, for example. Should the user be accessing a link, rather than having interest in the entire file served, links can be selected early in the transfer and the next file download started immediately. In addition to streaming, the server-side content converter may also layer the content by type. This means that text can be put in one layer, links in another, GIF images in another, Javascript in another and so on. Layers can be turned on or off depending upon client capabilities, making files for less capable clients, or for users interested in a reduced functionality, higher transfer performance mode to be handled automatically.

[0045] All operational modes may be controlled through an administrative interface or accessible through a straightforward API (Application Program Interface). Furthermore, the system works with existing firewalls and within standard security

protocols. In more secure modes, the server-side content converter and the client-side viewer may operate using Public/Private key authentication and encryption.

[0046] Exemplary System Infrastructures

[0047] In the following paragraphs, a description of three exemplary system infrastructures is provided. Schematic illustrations of these system infrastructures are shown in FIGURES 1A, 1B, and 1C. It is noted that like-numbered components in these Figures perform substantially the same function. Therefore, any discussion of the functions of a component with reference to one or more of the infrastructures generally may apply to the other infrastructures as well, unless specifically noted otherwise.

[0048] A first of exemplary system infrastructure 10A for implementing the invention is shown in FIGURE 1A. Infrastructure 10A enables various clients, including wireless devices such as a cellular phone 12, a wireless-enabled PDA 14, and a wireless-enabled laptop computer 16, as well as landline computers 18, 20, and 22, to request content that is accessible via a network such as the Internet 24 to be retrieved from selected network resources, including web servers 26 and 28 and an FTP site 30, wherein the content is translated into a scalable vector representation (*e.g.*, SVF, also referred to herein as "vectorized content") through use of a proxy server 32 and sent to the requesting client. Upon being received by the client, the vectorized content is processed and rendered using a thin client to enable a user to view the content on the client device.

[0049] With reference to the flowchart of FIGURE 2A, the foregoing process is initiated by a client in a block 100, wherein the client submits a request to proxy server 32 to retrieve and convert selected content. As depicted by a transfer path 34, this comprises sending data 36, which includes content network location indicia from which the content can be retrieved and proxy server network location information by which the content

request may be delivered to over Internet 24 to proxy server 32. Typically, it will be desired to retrieve a particular web page. Accordingly, the content network location indicia will comprise a URL (uniform resource locator) for the web page. Similarly, the proxy server network location information may also comprise a URL corresponding to a network access point for the proxy server. Optionally, the location information may comprise a network IP address for one or both of the content location and the proxy server location. If the content is to be retrieved from an Internet resource, the request will typically be sent using the HyperText Transfer Protocol (HTTP) over the TCP/IP transport.

[0050] Next, in a block 102, the request is received by the proxy server and the proxy server checks its cache to see if it already has the request content in its cache. If it does, it sends this cached content back to the client. If it does not have the requested content cached, the proxy server sends out a request to retrieve the content from the network resource. For illustrative purposes, it will be assumed for the present example that the desired content comprises a web page that is stored on web server 26. Typically, when the requested content comprises a web page, the content may be retrieved using conventional web content retrieval techniques, such as that employed by various modern browser clients, including Netscape Navigator and Internet Explorer. This generally comprises providing routing information, such as the URL for the web page (URL 38) to routing services provided by Internet 24, which routes the request to an appropriate network resource (*e.g.*, web server 26), as depicted by a transfer path 40.

[0051] Typically, the URL will correspond to a web page whose content is stored by the web server in an HTML (HyperText Markup Language) document comprising HTML code and embedded text content, in addition to other optional content languages, that may contain references to other objects (*e.g.*, HTML documents and graphic image

files) stored locally to the server or stored on a remote server. For example, the HTML content corresponding to a single-frame web page is often stored in a single file, while multiple-frame web pages may comprise content that is stored in a single file or in multiple files. These files may be stored locally on the web server (*e.g.*, on one of the server's hard disks), or on a local storage device connected to the web server via a local area network (LAN), such as a network attached storage (NAS) filer. Optionally, some of the web page's content may comprise one or more documents that are stored at remote locations that may be accessed via a WAN (wide area network) or the Internet.

[0052] HTML is a standardized language that describes the layout of content on a web page, and attributes of that content. This layout and attribute information is defined by sets of tags contained in HTML code corresponding to the page. The tags define various HTML layout and display information, including tables, paragraph boundaries, graphic image positions and bounding box sizes, typeface styles, sizes, and colors, borders, and other presentation attributes. A portion or all of a web page's text content may be contained in the parent HTML document corresponding to the URL. In addition to basic HTML, web page documents may contain XML (eXtensable markup language) code, as well as scripting language code, such as javascript. However, for simplicity, any documents containing web page content other than only graphic content that are discussed herein will be referred to as HTML documents.

[0053] In addition to HTML and other markup and scripting language content, it is very common for web pages to include graphical content. In general, graphical content is usually stored in an image file or files that are external from the parent HTML document for the web page. For example, the parent HTML document may contain one or more embedded image tags that reference the location where those images are stored. As before, the graphic images may be stored locally, or may be stored on remote servers

that are accessed by the web server via a WAN, or the Internet. These files will typically comprise data stored in one of several well-known graphic formats, including bitmap files (BMP), GIF (Graphics Interchange Format) files, and JPEG (Joint Photographic Experts Group) files.

[0054] In response to receiving the request for content, web server 26 begins sending a parent HTML document 42 back to proxy server 32 in a block 104. In a block 106, the HTML content of the parent HTML document is parsed to search for references to external objects such as HTML frames and graphics. In a decision block 108, a determination is made to whether any references are found. For each reference to an external object that is found, proxy server 32 requests to have the object retrieved from an appropriate network resource (*e.g.*, a web server) in a block 110, and data corresponding to the object is transmitted back to the proxy server, as depicted by locally accessible HTML documents 44 and graphic images 46, as well as remotely accessible HTML documents 48 and graphic images 50, which may be accessed via web server 28. If the external object is a graphic image, there is no further processing of the object at this point. If the object is an HTML document, the functions provided by blocks 106 and 108 are repeated. Generally, this set of processing functions is repeated iteratively until all of the external objects are retrieved. However, as described below, there will be some instances in which certain objects will be retrieved at a later point in time. In addition to content stored on web servers that are accessed using HTTP, content may also be retrieved from various network sites using the File Transfer Protocol (FTP), such as FTP documents 51, which are accessed via FTP server 30.

[0055] In general, HTML documents and graphic files will be sent as packetized data streams using HTTP over one or more TCP/IP network connections, wherein the data streams will usually be asynchronous. Retrieval of HTML documents and graphic

files corresponding to the embedded references will usually require additional transfer time. Furthermore, graphic content oftentimes comprises significantly larger file sizes than HTML content, leading to significant transfer times in some instances. For simplicity, the transfer of the various HTML documents and graphic files for the content request are depicted by HTML documents 52 and graphic documents 54, which are transferred over a transfer path 56.

[0056] When the HTML documents and graphic content are received by proxy server 32, a scalable vector representation of the web page is generated in a block 114 by an HTML translator 58. In brief, HTML translator 58 translates HTML, XML, and cascaded style sheet (CSS) layout content into a scalable vector representation, such as SVF. Details of the HTML translation process are contained below. In addition, the graphic images are converted into a compressed bitmap format in a block 116 by a graphics translator 60. The vectorized content 62 and compressed bitmaps 64 are then streamed back to the client (*i.e.*, computer 18) in a block 118, as depicted by a transfer path 66. In one embodiment, the content portions are sent in separate streams using multiple connections. In another embodiment, the content portions are sent via a multiplexed stream using a single connection. As the vectorized content and compressed bitmap data are received by the client device, they are processed by a thin client 68 running on the client device, whereby a representation of the original web page content may be rendered on the client device's display screen at various user-selectable scaled resolutions and pan offsets in a block 120, thereby enabling a user to more clearly see an overview or details in the web page. Further details of the client side processing are provided below.

[0057] As discussed above, wireless clients may also access the vectorized network (*e.g.*, web site) content provided via proxy server 24. The majority of this

process is identical to that described above for land-line clients (*e.g.*, computers 18, 20, and 22), except for provisions required for sending data to and receiving data from wireless devices. In general, most wireless devices will access the Internet via a wireless service provider (*i.e.*, a wireless telecommunications carrier) that is particular to that wireless device. Accordingly, a portion of the transmission path to and from proxy server 24 will comprise infrastructure provided by that service provider and/or shared with other service providers. For simplicity, this infrastructure is shown as a cellular tower 70 and a service provider data center 72, although it will be understood by those skilled in the art that the connection path may comprise additional infrastructure components, including appropriate gateways and routers, that enable wireless devices to access proxy server 24.

[0058] In some implementations, there will be no special formatting/protocol services that need to be performed by proxy service 24 – from the viewpoint of the proxy service, it will be immaterial whether the client is a land-based or wireless client; the special handling provisions for wireless devices will be handled entirely by the service providers infrastructure transparently at both ends of the communications path. In other instances, it may be desired or necessary to reformat the data content delivered to the wireless device at the proxy service. This will generally be dependent on the particular wireless protocol used, and what services are provided by the service provider for the wireless client.

[0059] Currently, in the United States, wireless clients generally access Internet 24 by using the Wireless Application Protocol (WAP). In Japan, the most popular access means is NTT DoCoMo's i-Mode wireless protocol. In addition to these wireless standards, new standards are anticipated to be in force in the near future, including NTT DoCoMo's FOMA (Freedom of Mobile Multimedia Access), which is

transported over W-CDMA (Wideband Code Division Multiple Access), and CDMA-2000. For the purposes of the invention herein, it will be understood that those skilled in the mobile telecommunications arts will be knowledgeable about any particular format and/or transport protocol requirements that pertain to the particular protocol that is to be used.

[0060] A second exemplary system infrastructure 10B for implementing the invention is shown in FIGURE 1B. As will be readily recognized, much of infrastructure 10B is similar to infrastructure 10A; however, rather than have a separate proxy server perform the proxy functions (retrieve and translate content), these functions are performed on machines operated by the web site in infrastructure 10B.

[0061] The logic implemented by the invention when providing content to a client using infrastructure 10B is illustrated in the flowchart of FIGURE 2B, wherein the process begins in a block 101 in which the client sends a content request 39 directly to the network site (*e.g.*, web server 26), as depicted by a transfer path 41. In a block 103, HTTP negotiations are performed to determine the format the content is to be delivered in. For example, the request may contain indicia identifying the type of content requested, such as an SVF MIME type (*e.g.*, image/vnd.svf). This is to inform the web server that the request is for specially-formatted content rather than conventional content. The server first checks to see if it already has cached the requested content. If it has, it sends the content to the requesting client; otherwise, it retrieves the parent HTML document in a block 107. It then performs processing steps in blocks 107, 109, and 111 to retrieve content referenced through embedded tags in a manner substantially similar to that discussed above with reference to respective blocks 106, 108, and 110. The primary difference in this instance is that the web server does not receive requests from or send documents to a proxy server – rather, the content is retrieved and processed at the web

server, wherein the retrieved content may be stored local to the web server or retrieved from a remote server in a manner similar to that described above.

[0062] As before, the retrieved HTML documents are translated into scalable vector representations by HTML translator 58 in a block 114, while the graphic images are translated into a compressed bitmap format by image translator 60 in a block 116, as depicted by vectorized content 62 and bitmap content 64. The vectorized content and bitmap content are then streamed from the web server to the client in a block 119, as depicted by a transfer path 67. Upon arriving at the client, the vectorized content and bitmap content are processed, scaled, and rendered on the client in a block 120.

[0063] A third exemplary system infrastructure 10C for implementing the invention is shown in FIGURE 1C. In this configuration, the proxy functions are performed at the client. As shown by a block 113 in FIGURE 2C, the process for providing vectorized content to a client in accordance with infrastructure 10C begins in a block 113, in which the client sends a content request 37 to a network site, such as web server 26, via Internet 24. In response, the network site retrieves the parent HTML document and sends it to the requesting client in a block 115. In a manner similar to that discussed above with reference to blocks 106, 108, and 110 of FIGURE 1A, the client first parses the parent HTML document searching for embedded references to external objects and retrieves these objects, whereupon the embedded reference search is performed on the newly retrieved document until all of the content corresponding to the original content request has been retrieved. This content is depicted by HTML documents 52 and image files 54, which are sent from the network site to the client via a transfer path 69. At this point, the client performs translations on the HTML content and the graphic image content that are substantially similar to that performed by the proxy server in FIGURE 1A or at the web site in FIGURE 1B, as provided by blocks 114 and

116. The vectorized and image content is then processed and scaled by thin client 68 in a block 120, as depicted by device output 71.

[0064] Attention now is focused on the functionality provided by proxy server 24 in system infrastructure 10A of FIGURE 1. Fundamentally, the proxy server functions as a proxy. It accepts requests for content from client devices as full URLs using standard HTTP mechanisms carried over a multiplexed TCP connection. Standard HTTP content negotiations features specify the formats in which content is to be delivered (SVF, bitmap, and possibly others, which can be handed off to cooperating client-side display software). As described in further details below, in some embodiments the proxy server appears for the client as a normal proxy (that is, the client knows it is retrieving content via the proxy), while in other embodiments the proxy is transparent to the client.

[0065] The proxy server responds to client content requests by delivering content in one of the requested formats, by retrieving the content in an appropriate format from its cache, or from an upstream content source (again using standard HTTP content negotiation features), or by translating upstream content from a supported original format to SVF or the client bitmap format.

[0066] Requests from the server installation to its cache and from the cache to upstream content sources are made in HTTP carried over TCP using simple straightforward Web content requests. For example, requests from clients to the proxy server comprise HTTP proxy requests (*e.g.*, "GET http://www/xyz.com/some_page.html HTTP/1.0…") carried over TCP or over a lightweight multiplexing protocol over TCP. The multiplexing protocol allows the server to push image thumbnails to the client before the SVF stream is available, as well as offering a channel for control and status information, more simultaneous channels than the client operating system may support, and a mechanism for prioritizing information flow from server to client under loose client

control. In addition to HTTP requests, the proxy server architecture supports other user-level protocols, such as FTP and Gopher.

[0067] Details of some of the primary components of the proxy server architecture are shown in FIGURE 3. Internally, the proxy server comprises a suite of coordinated processes connecting to upstream content through an HTTP cache 74. In one embodiment all functions except caching are performed in a single process, wherein multiple threads are used to effect asynchronous I/O. Separate processes communicated via persistent multiplexed connections carried over the most efficient reliable transport available (*e.g.*, Unix sockets over single processor and symmetric multiprocessor (SMP) computers; TCP sockets between separate computers). All processes are capable of servicing multiple requests simultaneously. No process maintains client state outside the context of a single request, so all components can be repeated and load balanced across multiple CPU's of an SMP computer or across separate computers on a LAN.

[0068] The various content translators used by the proxy server accept (via HTTP PUT) or request (driven by HTTP proxy GET/POST) content in supported, but client-unsupported, formats; and return (via HTTP PUT or GET/POST response) one or more representations of that content in a client-supported format. In the embodiments illustrated in FIGURE 1A-C, two translators are used: HTML translator 58 and image translator 60. Future content types may be accommodated by new translators, by extending existing translators to cover the new content types, or by extending the client's capabilities. Standard HTTP content negotiation mechanisms are used to inform the proxy server of the client's capabilities and expectations on each request.

[0069] Managers at the proxy server coordinate the operations of other components. Two managers are presently defined; a client manager 73 that handles client proxy requests, and a request manager 75 that handles unproxied HTTP requests from

other services. The managers accept requests, attempt to service them from HTTP cache 74, and drive HTML translator 58 and image translator 60 when content does not match the clients' requirements. Managers also handle translator requests for inline content (*e.g.*, image dimensions for page layout), and push translated content into HTTP cache 74. Additionally, the client manager coordinates delivery of primary and inlined content, and provides process and status information to the clients.

[0070] As discussed above, HTML translator 58 creates a scalable vector representation of the original HTML content of a requested web page. In order to better explain how translation of HTML content is performed, one embodiment of a translation process is described below as applied to an exemplary web page. In addition, details of conventional web page client and server-side processing are provided so as to clarify how web content is laid out during a pre-rendering process on the client.

[0071] FIGURE 4 shows a representation of a web page 210 served from an exemplary stock brokerage Internet web site as it would appear when rendered on a modern Internet browser, such as Microsoft's Internet Explorer or Netscape's Navigator. Web page 210 is exemplary of many web pages that implement frames, and includes two adjacent frames 212 and 214. A logo graphic object 216A is displayed at the top of frame 212, which additionally includes a "MARKETS" text header 218A, an "INVESTMENTS" text header 220A, and a plurality of links with overlaying graphic objects, including a "DOW" link 222A, a "NASDAQ" link 224A, an "OPTIONS" link 226A, a "CHARTS" link 228A, a "MUTUAL FUNDS" link 230A, a "IRA, 401K OPTIONS" link 232A, and a "TAX INFORMATION" link 234.

[0072] A horizontal group of links 236 is disposed at the top of frame 214, and includes a "QUOTES" link 238A, a "HOT PICKS" link 240A, a "CALENDARS" link 242A, and a "NEWS" link 244A. An advertisement banner 246A is displayed just below

the horizontal group of links and just above a "NEWS SPARKS MARKET" headline 248A. Frame 214 also includes a pair of graphic image objects, including a DOW chart 250A and a NASDAQ chart 252A. A set of user input objects is disposed adjacent to DOW chart 250A within a graphic object 254A, including an "ACCOUNT #" input box 255A, an "ACCESS CODE" input box 256A, and a "LOGIN" button 257A. In addition to the foregoing objects, frame 214 also includes text objects 258A and 260A.

[0073] An HTML listing corresponding to web page 210 is presented below as LISTING 1. Note that LISTING 1 sometimes refers to object descriptions and link paths rather than the text or path location of actual objects for simplicity, and that other elements commonly found in HTML pages, such as META entries, are omitted for clarity.

LISTING 1

```
1.  <html>
2.  <head><title>"MARKET HOME"</title></head>
3.
4.  <body bgcolor="#FFFFFF" link="0033CC" vlink="0033CC">
5.
6.  <frameset cols="25%,75% frameborder=0 border=0>
7.  <frame>
8.  <align=left><align=top>
9.  <img src="/directory path/logo.gif" align = left border="0" height="80" width="100">
10.  <br><br>
11.  <t3>TEXT HEADER #1 align=left</t3><br>
12.
13.  <table width="90%" border=0 cellspacing=10 cellpadding=0 bgcolor="#000000"
14.  align=center>
15.      <tr>
16.              <a href="URL or path for LINK #5" <img src="/directory
17.              path/GRAPHIC#2" height="50" width ="150></a>
18.      <tr>
19.              <a href="URL or path for LINK #6" <img src="/directory
20.              path/GRAPHIC#3" height="50" width ="150></a>
21.      <tr>
22.              <a href="URL or path for LINK #7" <img src="/directory
23.              path/GRAPHIC#4" height="50" width ="150></a>
24.      <tr>
25.              <a href="URL or path for LINK #8" <img src="/directory
26.              path/GRAPHIC#5" height="50" width ="150></a>
27.  </table>
28.      <br>
```

```
29.                 <t3>TEXT HEADER #1 align=left</t3>
30.      <br>
31.   <table width=”90%” border=0 cellspacing=10 cellpadding=0 bgcolor="#000000"
32.    align=center>
33.      <tr>
34.                 <a href=”URL or path for LINK #9” <img src=”/directory
35.                 path/GRAPHIC#6” height=”50” width =”150></a>
36.      <tr>
37.                 <a href=”URL or path for LINK #10” <img src=”/directory
38.                 path/GRAPHIC#7” height=”50” width =”150></a>
39.      <tr>
40.                 <a href=”URL or path for LINK #11” <img src=”/directory
41.                 path/GRAPHIC#8” height=”50” width =”150></a>
42.
43.   </table>
44.   </frame>
45.
46.   <frame>
47.
48.   <table>
49.      <tr>
50.                 <table width="100%" border=0 cellspacing=15 cellpadding=0
51.                  bgcolor="#000000" align=center>
52.           <tr>
53.                 <td><a href=”URL or path for link#1”> alt=”QUOTES”</a>
54.                 <td><a href=”URL or path for link#2”> alt=”HOT PICKS”</a>
55.                 <td><a href=”URL or path for link#3> alt=”CALENDERS”</a>
56.                 <td><a href=”URL or path for link#4>alt=”NEWS”</a>
57.   </table><br>
58.       <br>
59.                 <img src=”URL for GRAPHIC #9” align=center
60.                  border=”0” height=”80” width=”325”>
61.      <br><t1>HEADLINE TEXT>/t1>
62.      <table>
63.           <Colgroup span=”2”>
64.                 <Col width = “400” align=“center”>
65.                 <Col width = “200” align=”center”>
66.                 <tr><td>
67.                           <img src=”/directory path/GRAPHIC #10” align = center
68.                           border=“0” height=”180” width=”350”>
69.                 <td>
70.      /*   INPUT FOR ACCOUNT NUMBER AND ACCESS CODE   */
71.       <SCRIPT LANGUAGE =”Javascript”>
72.      <!---
73.                 [Javascript variable declarations]
74.                 [Javascript functions to enable login]  --->
75.      </SCRIPT>
76.         <table>
77.            <td>
78.                 <img src=”/directory path/GRAPHIC #11” align = center>
79.                 <table width=”150” height=”25”>
80.                 <td>
81.                 <font size=-2 face="arial,helvetica,verdana">Account #</font>
```

```
82.                <tr><input type=text name="USERID" maxlength=9 size=20>
83.                <tr><font size=-2 face="arial, helvetica">Access Code:</font>
84.                <tr><input type=password name="PASSWORD" maxlength=10 size=20
85.                        onKeyDown="SuppressEnterBell(event)"
86                         onKeyPress="SuppressEnterBell(event)"
87                         onKeyUp="SubmitOnEnter(event)">
88.                <br> 
89.                <br><input type="button" value="Login"
90.                 OnClick="ProcessForm()">  <input type="reset">
91.                <br> 
92.                </td>
93.                </table>
94.          </table>
95.     <tr>
96.                <img src="/directory path/GRAPHIC #12" border="0
97.                 height="200" width="350">
98.     <tr>
99.                        <p>TEXT FOR TEXT OBJECT #1</p><br>
100.                       <p>TEXT FOR TEXT OBJECT #2</p>
101.       </table>
102.      </frame>
103.  </frameset>
104.  </html>
```

[0074] Web page documents comprise HTML code that is parsed, interpreted, and rendered by a browser. An HTML document comprises a plurality of HTML "markup" elements (tags) with corresponding attributes, that are used to describe the layout and formatting of various objects, including plain text and graphic objects, embedded between tag pairs. Exemplary elements include text tags (*e.g.*, for bolding text), links (*e.g.*,), formatting (*e.g.*, for creating a new paragraph, graphical (*e.g.*, <img src="name">), wherein "name" defines an absolute or relative location at where an image is stored, tables (*e.g.*, <table></table>) creates a table, and forms (*e.g.*, <form></form> creates all forms).

[0075] As of Netscape Navigator 3.0 (and other later browsers), web pages could include frames. When using frames, the display page is divided into multiple framed areas. Framing enables a single display page to include source code from several HTML documents (one for each frame) or optionally, enables a single document to include more

complicated grouping of contents whereby different content groups are contained in separate frames. Frames are commonly found on the web pages at sites that display a great deal of text and graphical content, such as MSN.com, ESPN.com, and USAToday.com.

[0076] With reference to the flowchart of FIGURE 5, the process for translating the HTML content into a scalable vector representation proceeds as follows. The process is initiated when the proxy server receives the HTML corresponding to the parent document (and frame documents, if appropriate), whereupon a pre-rendering parsing of the HTML is performed to determine where to place the various objects on the display page in a block 150. For example, elements such as tables, column definitions, graphic images, paragraphs and line breaks are identified. If frames are included, each frame is examined in the sequential order it appears in the HTML document, or the order in which the HTML documents corresponding to the frames in a frameset are downloaded to the browser. During further processing, the actual objects are rendered in their respective positions. Some of these objects are rendered almost immediately, such as plain text, while other objects, such as graphic objects, must first be retrieved prior to being fully-rendered. With respect to tables, there are some instances in which the all of the objects corresponding to the cells in the table must be retrieved prior to rendering any of the table, while a well-designed table can be rendered incrementally. For example, by using Column grouping, the format of the corresponding table can be quickly determined by the browser. In some instances, one or more bitmaps may actually need to be fetched before the page layout can be determined.

[0077] Next, in a block 152, the content is separated into objects based on logical groupings of content portions and a page layout is built using bounding boxes that are produced for each object. As the primary HTML document is parsed, logical groupings

of content will emerge. For instance, text content contained within paragraph tags   forms a logical grouping of text content. In essence, a logical grouping means the content should appear together as a logical group, such as within a substantially rectangular outline, in the rendered page. Other logical groupings include frames, table content, row content, single line entries such as headlines and headers, and user-interface objects, as well as graphic layout objects, such as separator bars, and graphic images. In addition to logically grouping content into objects, a "bounding box" is defined for each object. In general, the bounding box defines an outlined shape within which the content (text or graphic image) will appear. In most instances, the bounding box will be substantially rectangular in shape. However, bounding boxes comprising more complex shapes may also be produced.

[0078] In further detail, the following explains how objects corresponding to graphic images are produced. In HTML, objects comprising graphic content are identified by an <img src="/local directory path/graphic image file" (for a local graphic image) or "URL" (for a remote graphic image)> or <object> or other tags. In the foregoing tag, local graphic images are typically stored on the same server as the web page, or another computer that is local to the site's server, and generally are located through a local directory path (absolute or relative to the location of the present page) that points to the graphic image file. Remote images are those images that are stored on servers at sites that are remote to the web server. For example, with reference to LISTING 1, when the parser encounters line 9, the browser identifies that data comprising a graphic image corresponding to logo graphic object 1 will be arriving (or may have already been received), and the displayed image is to have a height of 80 pixels and a width of 100 pixels. The location of each object on a display page will be dependent on previous HTML layout elements, such as tables, paragraphs, line breaks, and other

graphic objects. The size and location of the other graphic objects (*i.e.*, graphic objects #2-12) on the page are determined in a similar manner. The HTML code for these objects are shown in lines 16, 19, 22, 25, 34, 37, 40, 59, 67, 78 and 96, respectively. As identified in the HTML code, data corresponding to graphic objects #9 (advertisement banner 46A) is forwarded to the browser from an external site (as indicated by the URL to GRAPHIC #9), while graphic objects 1-8 and 10-12 are sent from the web site the parent HTML document is sent from.

[0079] In a similar manner, the foregoing technique is applied to the HTML code in the primary document to identify other types of objects as well. In addition to parsing the primary HTML document, similar processing is performed on referenced documents, such as documents that include frame content that is defined and stored separate from the primary HTML document.

[0080] A representation of the results of the functions performed in block 152 are shown in FIGURE 4B. In the Figure, objects corresponding to the original content of FIGURE 4A are shown with an appended "B" that is added to each object's root reference number, wherein the root reference number for an object is that same as the logically grouped content in FIGURE 4A that it corresponds to, *e.g.*, an object 248B is generated for "NEWS SPARKS MARKET" headline 248A, *etc.*

[0081] Next, in a block 154, the page layout is defined based on the bounding boxes. In actuality, generation of the page layout information is performed in conjunction with defining the boundary boxes for the objects, wherein the location of a given object is based on the location of other related (*e.g.*, if within a table) or non-related objects corresponding to HTML content that have been previously parsed. For example, the location of a given paragraph will depend on the other content for the page that are listed prior to the definition for the paragraph in the primary HTML document or referenced

document, if applicable. As the HTML content of the primary and any referenced HTML documents are parsed, the page layout is generated based on the various HTML tags and the content embedded between tag pairs and/or referenced by a tag pair statement (*e.g.*, graphic images).

[0082] As will be recognized by those skilled in the art, the functions performed in blocks 150, 152, and 154 are commonly performed by conventional browsers during a pre-rendering process. In some browsers, these functions are performed by the Mozilla rendering engine, which comprises open source software that is readily available for use by developers. At present, the software for the Mozilla rendering engine may be accessed via the Internet at www.mozilla.org. Accordingly, in one embodiment, the present invention uses core functionality provided by the Mozilla rendering engine source code to perform the functions of block 150, 152, and 154.

[0083] At this point, the present invention deviates substantially from the prior art by using the various object layout data generated during the pre-rendering process to generate a scalable vector representation of the original page content. First, in a block 156, a datum point is defined for the page and the bounding box for each object. For example, as shown in FIGURE 4C, a rendered page datum 262 is defined to be coincident with the upper left hand corner of the display frame of the rendered page for the web page. Generally, any point on the page may be used as the page datum – the only requirement is that the page datum that is selected is used consistently throughout the process. The use of the upper left hand corner of the display frame is advantageous since the location of the first object encountered in the HTML code for a page is located relative to this corner.

[0084] In general, the datum points for each object may also be located any place on the object, as long as the object datum points are used in a predictable manner. For

example, as depicted in FIGURE 4C, various datum points for corresponding objects are defined to be coincident with the upper left hand corner of the bounding box for that object, wherein the object's datum point shares the root reference number of the object with an appended "C."

[0085] Once the page's datum point and an object's datum point are known, a vector between these points is generated for each object in a block 158. With reference to FIGURE 4D, in one embodiment, wherein the page datum point corresponds to the upper left and corner of the display frame and is assigned an XY value 266 of 0,0, the vector for a given object may be stored as the XY value of the datum point of that object relative to 0,0, such as a value of 150, 225 (ref. num. 268) for a vector 250D pointing to an object datum 250C, and a value of 150, 425 (ref. num. 270) for a vector 252D pointing to an object datum 252C. In another embodiment, each vector may be stored as XY data relative to a 0,0 datum point corresponding to the upper left hand corner of the frame the object belongs to. For example, a vector 250D' from a frame datum 214D to object datum 250C is stored as 20, 200 (ref. num. 268'), while a vector 252D from frame datum 214D to object datum 252C is stored as 20, 425. In this embodiment, offset information for each frame relative to a known datum will also be stored, as depicted by a vector 214D.

[0086] The scalable vector representation is completed in a block 160, wherein a reference is created for each object that includes or links an object's content and attributes, such as object type (*e.g.*, text, image), object typeface, and boundary box parameters, to the object's vector. For example, object 250B is a graphic image having a vector 250D and a bounding box that is 180 pixels high and 350 pixels wide, while object 252B is a graphic image having a vector 252D and a bounding box that includes a height of 200 pixels and a width of 350 pixels. . This enables client-side operations to be

performed that only initially consider the vectors, wherein if it is determined that a vector's endpoint (and/or the bounding box corresponding to the object the vector points to) would appear off of a display, there is no need to retrieve the content and attribute data linked to the vector. This concept is explained in further detail in the following section.

[0087] It is noted that a portion of the display content produced on a client device will never contain any rendered content, as this portion is reserved for the browser's user interface. In WINDOWS™ environments, this portion will include the browser's window frame, as well as the pulldown and icon menus provided in the browser's user interface, which are depicted by a box 264 in the Figures herein.

[0088] Client-Side Software and Processing

[0089] As discussed above, the present invention supports a wide variety of clients, including land-based clients and wireless clients. Each client requires some client-side software that enables the scalable vector content data provided to it to be rendered at a user-selectable scale factor and offset on the client's display, such as a monitor or built-in LCD screen.

[0090] By enabling original content from a web site to be displaced in such a resolution-independent manner, users will be able to view content in a manner that did not previously exist, greatly enhancing the user experience. For example, in some implementations the client may be a personal computer (PC). Using a least-common denominator approach, many web pages are designed for a smaller resolution (for example 640x480 pixels, a minimum resolution commonly supported by nearly all PC's, including legacy PC's) than the resolution provided by the video output capabilities available with many of today's PC's, such as 1024x768 pixels, 1280x1024 pixels, and even 1600x1200 pixels. As a result, when these web pages are displayed on a high-

resolution display, they occupy only a portion of the display, making portions of the pages, especially those portions containing small text, difficult to read. By enabling users to selectively magnify the entire page, these design flaws are easily overcome. Alternatively, the client may be a small device, such as a hand held computer or a cell phone, which has a smaller display resolution than common Web pages are designed for. As explained below, through use of the invention's scalable vector representation and client-side processing, users are enabled to view the entire content of billions of existing Web pages using hand-held devices in a simple and reasonable way.

[0091] In one embodiment, the client software may be a plug-in to a Web browser, such as Netscape Navigator or Microsoft Internet Explorer. Such a plug-in might have the browser download the data and display it in a sub-window of the browser. Alternatively, the client software may be a Java applet running in a browser. As another option, the client software may be a stand-alone program that interfaces with the proxy server or proxy software directly. The client software may bypass the proxy when requesting information that won't be translated to vectors, such as bitmaps.

[0092] With reference to FIGURE 6, client-side processing proceeds in the following manner. In a block 160, the vector representation data (*i.e.*, vectorized HTML content and compressed bitmap content) for the web page is gathered at the client. Typically, this data will be stored in a cache at the client as it is being received, and the client simply retrieved the data from the cache. In a block 162, a display list of vectors is built. This process is well known in the CAD arts, and is enabling rapid zooming of vector-based objects. In a block 164, user selectable scale and offset (pan) values are determined. Based on various user interactions with the user-interface of the client, the user is enabled to control the zoom (size) and offset of the rendered page. For example, suppose the user provides zoom and offset inputs to produce a rendered page 210E, as

shown in FIGURE 4E. In this rendered page, the original origin is now off of the screen (the page image is shifted upward and toward the left – see FIGURE 4F), and the view has been scaled approximately 1.3 times.

[0093] Next, in a block 166, the vectors and boundary boxes are processed based on the scale and offset, and a bounding box defining the limits of the display content is determined. The results of this step are shown in FIGURE 4F, while FIGURE 4G shows specific details one how the vectors and bounding boxes corresponding to image objects 250B and 250B (now 250B' and 252B', respectively) are processed. Logically, there are generally two ways to scale and offset the rendered content. In one embodiment, vectors and bounding boxes are mapped to a virtual display area in memory that has much greater resolution (*e.g.*, 100,000x100,000 pixels) than any real display, and a virtual display limit bounding box is scaled and moved around over the virtual display area. Accordingly, during subsequent processing described below, objects falling within the display bounding box are rendered by reducing the scaling of those objects in the virtual display to how the objects will appear on the client device display relative to the virtual display bounding box. In the alternate, a fixed reference frame corresponding to the display resolution of the client device screen is maintained, wherein all vectors and bounding boxes are scaled and offset relative to the fixed reference frame. Each scheme has its advantages and disadvantages. One advantage of the second method is that the display bounding box is always maintained to have a size that matches the resolution of the content display area on the client device.

[0094] As shown in FIGURE 4G, respective offsets in X and Y, ($-\Delta X$ and $-\Delta Y$ in the Figure) are applied to the starting point of each of the vectors. The vectors are then scaled by a scale factor "SF." The results of the new vectors are depicted by vectors 250D'' and 252D''. This produces a new datum for each object's bounding box

that is relative to rendered page datum 262, which remains fixed. As discussed above, only a portion of the display screen will actually be used to display content (as defined by a display limit bounding box 266 in this embodiment), while other portions of the screen, including box 264, will comprise a generally fixed-size user interface. Accordingly, rendered page datum 262 is not located at the upper left hand corner of the display area, although it possibly could be located at this point when either the current user interface is inactive (*i.e.*, the display portion of the user interface is temporary disabled) or the user interface is contained in other portions of the display.

[0095] This foregoing process establishes a starting point (the new datum) for where the content in each object's bounding box will be rendered. At this point, each object's bounding box is then drawn from its new datum using the scaling factor. For example, in the original web page 210D (FIGURE 4D), bounding box 250B had an X-axes datum of 150 pixels, a Y-axis datum of 225 pixels, and a height and width of 180x350 pixels. In contrast, after being offset and scaled, bounding box 250B' has an X-axis datum of 150 * SF - ΔX, a Y-axis datum of 225 * SF - ΔY, and a height and width of 180 * SFx350*SF.

[0096] Returning to the flowchart of FIGURE 6, once the vectors and bounding boxes are offset and scaled, content corresponding to objects having at least a portion of their bounding boxes falling within the display limit bounding box is retrieved from the client device's display list in a block 168. For examples, as shown in FIGURE 4F, content corresponding to all of the objects except for those falling entirely outside of display limit bounding box 266 (objects 216, 238, 240, 242 and 244) is retrieved from the display list. That content is then scaled in a block 170. For image content, this comprises decompressing and scaling the compressed bitmaps corresponding to those images. For text content, this comprises scaling the font (*i.e.*, typeface) that the text content portions

of the web page are written in the parent HTML document and any referenced documents. There are various techniques for typeface scaling that may be implemented here, depending on the available resources provided by the operating system of the client device. For example, for WINDOWS™ operating systems, many TRUETYPE™ fonts are available, which use a common scalable definition for each font, enabling those fonts to be scaled to just about any size. In other cases, such as current PDA (*e.g.*, Palm Pilots) operating systems, there is no existing feature that supports scaling fonts. As a result, bitmapped fonts of different font sizes and styles may be used. In addition to scaling image and text content, other types of content, such as separator lines and borders may also be scaled by block 170.

[0097] The process is completed in a block 172, wherein those portions of the scaled content falling within the display limit bounding box are rendered on the client device's display.

[0098] As discussed above, it is foreseen that the invention will be used with client devices having small, low resolution displays, such as PDAs and pocket PCs. Examples of various views of an exemplary web pages obtained from the YAHOO™ web site are shown in FIGURES 7A-B, 8A-B and 9A-B. For instance, FIGURE 7A represents how the YAHOO™ home page might appear on a Palm IIIc color PDA.

[0099] In addition to directly scaling and offsetting content, the client user-interface software for PDA's provides additional functionality. For instance, a user may select to view a column (results represented in FIGURE 7B by tapping that column with a stylus, a shown in FIGURE 7A. Similarly, the user may select to zoom in on an image by tapping the image with the stylus, as shown in FIGURES 8A and 8B, or select to view a paragraph in an article by tapping on the paragraph, as shown in FIGURES 9A and 9B. It is noted that in some instances, the display of the paragraph may be reformatted to fit the

characteristics of the display, rather than following the original format in the zoom-out view.

[00100] It is further noted that that different scaling factors can be applied to the X and Y axis so as to change the aspect ratio of the display. For example, a Web page may be designed to be displayed on a computer having a resolution of 800x600 pixels, or a 4X to 3Y aspect ratio. In this case, the display corresponds to a "landscape" layout, wherein there are more pixels along the X axis than along the Y axis. Conversely, many handheld devices display images having a "portrait" layout, wherein there are more pixels along the Y axis than the X axis. By enabling different scaling factors to be applied to the X and Y axes, the present invention enables the aspect ratio of a rendered display image to be adjusted to better fit the aspect ratio of the client device.

[00101] An Exemplary Computer Architecture

[00102] An exemplary machine in the form of a computer system 500 in which features of the present invention may be implemented will now be described with reference to FIGURE 10. Computer system 500 may represent a workstation, host, server, print server, or printer controller. Computer system 500 comprises a bus or other communication means 501 for communicating information, and a processing means such as processor 502 coupled with bus 501 for processing information. Computer system 500 further comprises a random access memory (RAM) or other dynamic storage device 504 (referred to as main memory), coupled to bus 501 for storing information and instructions to be executed by processor 502. Main memory 504 also may be used for storing temporary variables or other intermediate information during execution of instructions by processor 502. Computer system 500 also comprises a read only memory (ROM) and/or other static storage device 506 coupled to bus 501 for storing static information and instructions for processor 502.

[00103] A data storage device 507 such as a magnetic disk or optical disc and its corresponding drive may also be coupled to bus 501 for storing information and instructions. Computer system 500 can also be coupled via bus 501 to a display device 521, such as a cathode ray tube (CRT) or Liquid Crystal Display (LCD), for displaying information to an end user. Typically, an alphanumeric input device 522, including alphanumeric and other keys, may be coupled to bus 501 for communicating information and/or command selections to processor 502. Another type of user input device is cursor control 523, such as a mouse, a trackball, or cursor direction keys for communicating direction information and command selections to processor 502 and for controlling cursor movement on display 521.

[00104] A communication device 525 is also coupled to bus 501. Depending upon the particular presentation environment implementation, the communication device 525 may include a modem, a network interface card, or other well-known interface devices, such as those used for coupling to Ethernet, token ring, or other types of physical attachment for purposes of providing a communication link to support a local or wide area network, for example. In any event, in this manner, the computer system 500 may be coupled to a number of clients and/or servers via a conventional network infrastructure, such as a company's Intranet and/or the Internet, for example.

[00105] Importantly, the present invention is not limited to having all of the routines located on the same computer system. Rather, individual objects, program elements, or portions thereof may be spread over a distributed network of computer systems. Additionally, it is appreciated that a lesser or more equipped computer system than the example described above may be desirable for certain implementations. Therefore, the configuration of computer system 500 will vary from implementation to implementation depending upon numerous factors, such as price constraints, performance

requirements, and/or other circumstances. For example, according to one embodiment of the present invention, a cell phone or a hand held computer may comprise only a processor or a micro controller and a memory, such as a micro code ROM or RAM, for storing static or dynamically loaded instructions and/or data.

[00106] In the foregoing specification, the invention has been described with reference to specific embodiments thereof. It will, however, be evident that various modifications and changes may be made thereto without departing from the broader spirit and scope of the invention. The specification and drawings are, accordingly, to be regarded in an illustrative rather than a restrictive sense.

CLAIMS

What is claimed is:

1. A method comprising:

retrieving Web content associated with a Web page having an original format defining an original page layout and attributes in response to a request of the Web page made via a client;

translating, via the client, at least a portion of the Web content from its original format into scalable vector-based content that supports a scalable resolution-independent display of the content that substantially retains the original page layout and attributes of the content defined by its original format when rendered;

employing the scalable vector-based content to render at least a portion of the Web page on a display using a first scale factor; and

re-rendering the Web page in response to associated user inputs to enable a user to iteratively zoom in and out a display of the Web page.

2. The method of claim 1, further comprising enabling the display of the Web content to be zoomed in real-time.

3. The method of claim 1, wherein the client comprises a browser.

4. The method of claim 3, wherein the browser is configured to run on at least one of a desktop computer, workstation, and laptop computer.

5. The method of claim 3, wherein the browser is configured to run on a wireless handheld device.

6. The method of claim 1, wherein the client comprises a mobile device having a display on which the Web page is displayed when rendered.

7. The method of claim 1, wherein the Web content includes at least one hyperlink, the method further comprising:

enabling the user to select the hyperlink; and, in response thereto,

retrieving and translating the Web content associated with the hyperlink to produce additional scalable vector-based content; and

employing the additional scalable vector-based content to render the display.

8. The method of claim 1, further comprising:

parsing markup language code to determine the original page layout of display content within the Web page, wherein the original page layout defines a layout location for a plurality of objects, including text objects, graphic layout objects, graphic objects and/or image objects included in the Web page;

defining a primary datum corresponding to the original page layout; and,

for each object,

defining an object datum corresponding to the layout location for the object;

generating a vector from the primary datum to the object datum for the object; and

creating a reference that links the object to its corresponding vector.

9. The method of claim 8, further comprising translating at least one graphic or image object from an original format into a scalable format.

10. The method of claim 8, further comprising storing attribute information pertaining to each text object, said attribute information including a color and typefont for each text object.

11. The method of claim 8, wherein the Web content comprises a Web page including content that is stored on at least one Internet site in one or more markup language documents that include markup language code defining the original page layout and attributes of the Web page.

12. The method of claim 1, further comprising enabling the Web content to be displayed at different resolutions by scaling the scalable vector-based content to re-render the display in response to associated user inputs.

13. The method of claim 1, further comprising:

enabling a user of the client to select an area of the display to zoom in on by drawing a bounding box over the area via the client; and

in response thereto,

re-rendering the display such that content in the bounding box is scaled to be rendered substantially across at least one of a width and a height of the display.

14. The method of claim 1, further comprising:

scaling the scalable vector-based content using applicable scale factors to re-render the Web content in response to associated user inputs to enable the user to iteratively zoom in and out a display of the Web page.

15. The method of claim 1, further comprising enabling a user to pan a display of the Web content in response to a corresponding user input.

16. The method of claim 15, further comprising enabling the display of the Web content to be panned in real-time.

17. The method of claim 1, wherein the page layout of the Web page is defined to have an original aspect ratio, and wherein the scalable vector-base content is scaled when rendered so as to produce a display having a different aspect ratio.

18. The method of claim 1, further comprising enabling a user to view a column of the Web content at a higher resolution than a current resolution via an associated user input, wherein in response to the user input, the display is re-rendered such that content corresponding to the selected column is displayed across the display.

19. The method of claim 18, wherein the user input comprises tapping the column.

20. The method of claim 18, wherein the content of the column is reformatted to fit characteristics of the display when the display is re-rendered.

21. The method of claim 1, wherein the Web content includes at least one image, the method further comprising enabling a user to view an image at a higher resolution than a current resolution via an associated user input, wherein in response to the user input, the display is re-rendered such that the image is displayed substantially across at least one of a width and height of the display.

22. The method of claim 21, wherein the user input comprises tapping the image.

23. The method of claim 1, further comprising enabling a user to view a paragraph of the Web content at a higher resolution than a current resolution via an associated user

input, wherein in response to the user input, the display is re-rendered such that content corresponding to the selected paragraph is displayed substantially across the display.

24. The method of claim 23, wherein the user input comprises tapping the paragraph.

25. The method of claim 23, wherein the content of the paragraph is reformatted to fit characteristics of the display when the display is re-rendered.

26. The method of claim 1, wherein the Web page includes text, layout attributes, and images, the method further comprising:

receiving content corresponding to the text and layout attributes via a first connection; and

receiving content corresponding to at least one image via a second connection.

27. The method of claim 1, further comprising:

generating a display list of vectors associated with the scalable vector-based content; and

employing the display list to re-render the display of the Web page.

28. The method of claim 1, further comprising:

parsing markup language code corresponding to the received Web content to determine the original page layout of the content on the Web page;

logically grouping selected content into objects based on relative locations of the content in the original page layout;

defining a primary datum corresponding to the original page layout; and,

for each object,

defining an object datum corresponding to a layout location datum for the object's associated display content;

generating a vector from the primary datum to the object datum for the object; and

creating a reference that links the object to its corresponding vector.

29. The method of claim 28 further comprising:

generating a bounding box for each object, the bounding box representing a portion of a rendered display page occupied by the object's associated group of content.

30. The method of claim 29, further comprising:

mapping the object vectors and associated bounding boxes to a virtual display in memory.

31. The method of claim 30, further comprising:

determining a first scale factor and offset in response to one or more corresponding user inputs defining a user-selectable zoom level and pan corresponding to a rendered display of the Web content desired by a user;

determining a virtual display bounding box for the virtual display associated with the first scale factor and offset;

identifying object bounding boxes having at least a portion falling within the virtual display bounding box; and,

for each of such object bounding boxes,

retrieving content associated with that object bounding box; and

applying an applicable scale factor to the content to render the display.

32. The method of claim 31, wherein the virtual display has a much greater resolution than the display.

33. The method of claim 31, wherein the virtual display is associated with a fixed reference frame, and the virtual display bounding box is maintained to have a size matching the resolution of the content display area defined for the display.

34. The method of claim 31, wherein the content includes text content, the method further comprising scaling a scalable font to render the text content.

35. The method of claim 31, wherein the content includes text content, the method further comprising:

determining an applicable font size based on the second scale factor; and

selecting a corresponding bitmapped font and employing the bitmapped font to render the text content.

36. The method of claim 1, further comprising reformatting a text object so as to fit the text object on the display when it is rendered.

37. The method of claim 1, wherein the original format of the Web page defines a height and width for the Web page, the method further comprising:

determining an applicable scale factor to display at least one of the width and height of the Web page substantially across the display; and

employing the scale factor that is determined as the first scale factor.

38. The method of claim 1, wherein the scalable vector-based content includes scalable text content and in the rendered displays the scalable text content is scaled.

39. The method of claim 1, wherein the Web page includes one or more images, and in the rendered displays at least one image from among the one or more images is scaled.

40. An apparatus, comprising:

a processor,

communications means operatively coupled to the processor, to enable the device to be linked to a network via which Web content may be accessed;

a display; and

storage means, operatively coupled to the processor, in which a plurality of instructions are stored that when executed by the processor enable the apparatus to perform operations including,

retrieving Web content associated with a Web page having an original format defining an original page layout and attributes in response to a request of the Web page made via the apparatus;

translating at least a portion of the Web content from its original format into scalable vector-based content that supports a scalable resolution-independent display of the content that substantially retains the original page layout and attributes of the content defined by its original format when rendered;

employing the scalable vector-based content to render at least a portion of the Web page on the display using a first scale factor; and

re-rendering the Web page in response to associated user inputs to enable a user to iteratively zoom in and out a display of the Web page.

41. The apparatus of claim 40, wherein zooming the display of the Web content is enabled to be performed in real-time.

42. The apparatus of claim 40, wherein the apparatus comprises a mobile device and the communication device supports wireless communication with the network.

43 The apparatus of claim 42, wherein the mobile device comprises a mobile phone.

44. The apparatus of claim 40, wherein the apparatus comprises one of a desktop computer, workstation, and laptop computer.

45. The apparatus of claim 40, wherein the Web content includes at least one hyperlink, and wherein execution of the instructions performs further operations comprising:

enabling the user to select the hyperlink; and, in response thereto,

retrieving and translating the Web content associated with the hyperlink to produce additional scalable vector-based content; and

employing the additional scalable vector-based content to render the display..

46. The apparatus of claim 40, wherein execution of the instructions performs further operations comprising:

parsing markup language code to determine the original page layout of display content within the Web page, wherein the original page layout defines a layout location for a plurality of objects, including text objects, graphic layout objects, and/or graphic image objects included in the Web page;

defining a primary datum corresponding to the original page layout; and,

for each object,

defining an object datum corresponding to the layout location for the object;

generating a vector from the primary datum to the object datum for the object; and

creating a reference that links the object to its corresponding vector.

47. The apparatus of claim 46, wherein execution of the instructions performs further operations comprising translating graphic image objects from an original format into a scalable format.

48. The apparatus of claim 46, wherein execution of the instructions performs further operations comprising storing attribute information pertaining to each text object, said attribute information including a color and typefont for each text object.

49. The apparatus of claim 40, wherein the Web content comprises a Web page including content that is stored on at least one Internet site in one or more markup language documents that include markup language code defining the original page layout and attributes of the Web page.

50. The apparatus of claim 40, wherein execution of the instructions performs further operations comprising enabling the Web content to be displayed at different resolutions by scaling the scalable vector-based content to re-render the display in response to associated user inputs.

51. The apparatus of claim 40, wherein execution of the instructions performs further operations comprising:

enabling a user of the client to select an area of the display to zoom in on by drawing a bounding box over the area via the client; and

in response thereto,

re-rendering the display such that content in the bounding box is scaled to be rendered across the display.

52. The apparatus of claim 40, wherein execution of the instructions performs further operations comprising scaling the scalable vector-based content using applicable scale factors to re-render the Web content in response to associated user inputs to enable the user to iteratively zoom in and out a display of the Web page.

53. The apparatus of claim 40, wherein execution of the instructions performs further operations comprising enabling a user to pan a display of the Web content in response to a corresponding user input.

54. The apparatus of claim 53, wherein execution of the instructions performs further operations comprising enabling the display of the Web content to be panned in real-time.

55. The apparatus of claim 40, wherein the page layout of the Web page is defined to have an original aspect ratio, and wherein the scalable vector-base content is scaled when rendered so as to produce a display having a different aspect ratio.

56. The apparatus of claim 40, wherein execution of the instructions performs further operations comprising enabling a user to view a column of the Web content at a higher resolution than a current resolution via an associated user input, wherein in response to the user input, the display is re-rendered such that content corresponding to the selected column is displayed across the display.

57. The apparatus of claim 56, wherein the user input comprises tapping the column.

58. The apparatus of claim 56, wherein the content of the column is reformatted to fit characteristics of the display when the display is re-rendered.

59. The apparatus of claim 40, wherein the Web content includes at least one image, and wherein execution of the instructions performs further operations comprising enabling a user to view an image at a higher resolution than a current resolution via an associated user input, wherein in response to the user input, the display is re-rendered such that the image is displayed substantially across at least one of a width and height the display.

60. The apparatus of claim 59, wherein the user input comprises tapping the image.

61. The apparatus of claim 40, wherein execution of the instructions performs further operations comprising enabling a user to view a paragraph of the Web content at a higher resolution than a current resolution via an associated user input, wherein in response to the user input, the display is re-rendered such that content corresponding to the selected paragraph is displayed across the display.

62. The apparatus of claim 61, wherein the user input comprises tapping the paragraph.

63. The apparatus of claim 61, wherein the content of the paragraph is reformatted to fit characteristics of the display when the display is re-rendered.

64. The apparatus of claim 40, wherein the Web page includes text, layout attributes, and images, and wherein execution of the instructions performs further operations comprising:

receiving content corresponding to the text and layout attributes via a first connection; and

receiving content corresponding to at least one image via a second connection.

65. The apparatus of claim 40, wherein execution of the instructions performs further operations comprising:

generating a display list of vectors associated with the scalable vector-based content; and

employing the display list to re-render the display at different scale factors to enable rapid zooming of the Web page.

66. The apparatus of claim 40, wherein execution of the instructions performs further operations comprising:

parsing markup language code corresponding to the received Web content to determine the original page layout of the content on the Web page;

logically grouping selected content into objects based on relative locations of the content in the original page layout;

defining a primary datum corresponding to the original page layout; and,

for each object,

defining an object datum corresponding to a layout location datum for the object's associated display content;

generating a vector from the primary datum to the object datum for the object; and

creating a reference that links the object to its corresponding vector.

67. The apparatus of claim 66 wherein execution of the instructions performs further operations comprising:

generating a bounding box for each object, the bounding box representing a portion of a rendered display page occupied by the object's associated group of content.

68. The apparatus of claim 66, wherein execution of the instructions performs further operations comprising:

mapping the object vectors and associated bounding boxes to a virtual display in memory.

69. The apparatus of claim 68, wherein execution of the instructions performs further operations comprising:

determining a first scale factor and offset in response to one or more corresponding user inputs defining a user-selectable zoom level and pan corresponding to a rendered display of the Web content desired by a user;

determining a virtual display bounding box for the virtual display associated with the first scale factor and offset;

identifying object bounding boxes having at least a portion falling within the virtual display bounding box; and,

for each of such object bounding boxes,

retrieving content associated with that object bounding box; and

applying an applicable scale factor to the content to render the display.

70. The apparatus of claim 69, wherein the virtual display has a much greater resolution than the display.

71. The apparatus of claim 69, wherein the virtual display is associated with a fixed reference frame, and the virtual display bounding box is maintained to have a size matching the resolution of the content display area defined for the display.

72. The apparatus of claim 69, wherein the content includes text content, and wherein execution of the instructions performs further operations comprising scaling a scalable font to render the text content.

73. The apparatus of claim 69, wherein the content includes text content, and wherein execution of the instructions performs further operations comprising:

determining an applicable font size based on the second scale factor; and

selecting a corresponding bitmapped font and employing the bitmapped font to render the text content.

74. The apparatus of claim 40, wherein the original format of the Web page defines a height and width for the Web page, and wherein execution of the instructions performs further operations comprising:

determining an applicable scale factor to display at least one of the width and height of the Web page substantially across the display; and

employing the scale factor that is determined as the first scale factor.

75. The apparatus of claim 40, wherein the scalable vector-based content includes scalable text content and in the rendered displays the scalable text content is scaled.

76. The apparatus of claim 40, wherein the Web page includes one or more images, and in the rendered displays at least one image from among the one or more images is scaled.

77. A machine-readable medium having stored thereon a plurality of instructions configured to be executed by a machine having a communications device to access Web content via a network and having a display, wherein execution of the instructions performs operations comprising:

retrieving Web content associated with a Web page having an original format defining an original page layout and attributes in response to a request of the Web page made via the machine;

translating at least a portion of the Web content from its original format into scalable vector-based content that supports a scalable resolution-independent display of the content that substantially retains the original page layout and attributes of the content defined by its original format when rendered;

employing the scalable vector-based content to render at least a portion of the Web page on a display using a first scale factor; and

re-rendering the Web page in response to associated user inputs to enable a user to iteratively zoom in and out a display of the Web page.

78. The machine-readable medium of claim 77, wherein zooming the display of the Web content is enabled to be performed in real-time.

79. The machine-readable medium of claim 77, wherein the machine comprises a mobile device and the communication device supports wireless communication with the network.

80. The machine-readable medium of claim 77, wherein the machine comprises one of a desktop computer, workstation, and laptop computer.

81. The machine-readable medium of claim 77, wherein the Web content includes at least one hyperlink, and wherein execution of the instructions performs further operations comprising:

enabling the user to select the hyperlink; and, in response thereto,

retrieving and translating the Web content associated with the hyperlink to produce additional scalable vector-based content; and

employing the additional scalable vector-based content to render the display..

82. The machine-readable medium of claim 77, wherein execution of the instructions performs further operations comprising:

parsing markup language code to determine the original page layout of display content within the Web page, wherein the original page layout defines a layout location for a plurality of objects, including text objects, graphic layout objects, and/or graphic image objects included in the Web page;

defining a primary datum corresponding to the original page layout; and,

for each object,

defining an object datum corresponding to the layout location for the object;

generating a vector from the primary datum to the object datum for the object; and

creating a reference that links the object to its corresponding vector.

83. The machine-readable medium of claim 82, wherein execution of the instructions performs further operations comprising translating graphic image objects from an original format into a scalable format.

84. The machine-readable medium of claim 82, wherein execution of the instructions performs further operations comprising storing attribute information pertaining to each text object, said attribute information including a color and typefont for each text object.

85. The machine-readable medium of claim 77, wherein the Web content comprises a Web page including content that is stored on at least one Internet site in one or more markup language documents that include markup language code defining the original page layout and attributes of the Web page.

86. The machine-readable medium of claim 77, wherein execution of the instructions performs further operations comprising enabling the Web content to be displayed at different resolutions by scaling the scalable vector-based content to re-render the display in response to associated user inputs.

87. The machine-readable medium of claim 77, wherein execution of the instructions performs further operations comprising:

enabling a user of the client to select an area of the display to zoom in on by drawing a bounding box over the area via the client; and

in response thereto,

re-rendering the display such that content in the bounding box is scaled to be rendered substantially across at least one of a width and a height of the display.

88. The machine-readable medium of claim 77, wherein execution of the instructions performs further operations comprising scaling the scalable vector-based content using applicable scale factors to re-render the Web content in response to associated user inputs to enable the user to iteratively zoom in and out a display of the Web page.

89. The machine-readable medium of claim 77, wherein execution of the instructions performs further operations comprising enabling a user to pan a display of the Web content in response to a corresponding user input.

90. The machine-readable medium of claim 89, wherein execution of the instructions performs further operations comprising enabling the display of the Web content to be panned in real-time.

91. The machine-readable medium of claim 77, wherein the page layout of the Web page is defined to have an original aspect ratio, and wherein the scalable vector-base content is scaled when rendered so as to produce a display having a different aspect ratio.

92. The machine-readable medium of claim 77, wherein execution of the instructions performs further operations comprising enabling a user to view a column of the Web content at a higher resolution than a current resolution via an associated user input, wherein in response to the user input, the display is re-rendered such that content corresponding to the selected column is displayed across the display.

93. The machine-readable medium of claim 92, wherein the user input comprises tapping the column.

94. The machine-readable medium of claim 92, wherein the content of the column is reformatted to fit characteristics of the display when the display is re-rendered.

95. The machine-readable medium of claim 77, wherein the Web content includes at least one image, and wherein execution of the instructions performs further operations comprising enabling a user to view an image at a higher resolution than a current resolution via an associated user input, wherein in response to the user input, the display

is re-rendered such that the image is displayed substantially across at least one of a width and height of the display.

96. The machine-readable medium of claim 95, wherein the user input comprises tapping the image.

97. The machine-readable medium of claim 77, wherein execution of the instructions performs further operations comprising enabling a user to view a paragraph of the Web content at a higher resolution than a current resolution via an associated user input, wherein in response to the user input, the display is re-rendered such that content corresponding to the selected paragraph is displayed across the display.

98. The machine-readable medium of claim 97, wherein the user input comprises tapping the paragraph.

99. The machine-readable medium of claim 97, wherein the content of the paragraph is reformatted to fit characteristics of the display when the display is re-rendered.

100. The machine-readable medium of claim 77, wherein the Web page includes text, layout attributes, and images, and wherein execution of the instructions performs further operations comprising:

receiving content corresponding to the text and layout attributes via a first connection; and

receiving content corresponding to at least one image via a second connection.

101. The machine-readable medium of claim 77, wherein execution of the instructions performs further operations comprising:

generating a display list of vectors associated with the scalable vector-based content; and

employing the display list to re-render the display at different scale factors to enable rapid zooming of the Web page.

102. The machine-readable medium of claim 77, wherein execution of the instructions performs further operations comprising:

parsing markup language code corresponding to the received Web content to determine the original page layout of the content on the Web page;

logically grouping selected content into objects based on relative locations of the content in the original page layout;

defining a primary datum corresponding to the original page layout; and,

for each object,

defining an object datum corresponding to a layout location datum for the object's associated display content;

generating a vector from the primary datum to the object datum for the object; and

creating a reference that links the object to its corresponding vector.

103. The machine-readable medium of claim 102 wherein execution of the instructions performs further operations comprising:

generating a bounding box for each object, the bounding box representing a portion of a rendered display page occupied by the object's associated group of content.

104. The machine-readable medium of claim 102, wherein execution of the instructions performs further operations comprising:

mapping the object vectors and associated bounding boxes to a virtual display in memory.

105. The machine-readable medium of claim 104, wherein execution of the instructions performs further operations comprising:

determining a first scale factor and offset in response to one or more corresponding user inputs defining a user-selectable zoom level and pan corresponding to a rendered display of the Web content desired by a user;

determining a virtual display bounding box for the virtual display associated with the first scale factor and offset;

identifying object bounding boxes having at least a portion falling within the virtual display bounding box; and,

for each of such object bounding boxes,

retrieving content associated with that object bounding box; and

applying an applicable scale factor to the content to render the display.

106. The machine-readable medium of claim 105, wherein the virtual display has a much greater resolution than the display.

107. The machine-readable medium of claim 105, wherein the virtual display is associated with a fixed reference frame, and the virtual display bounding box is maintained to have a size matching the resolution of the content display area defined for the display.

108. The machine-readable medium of claim 105, wherein the content includes text content, and wherein execution of the instructions performs further operations comprising scaling a scalable font to render the text content.

109. The machine-readable medium of claim 105, wherein the content includes text content, and wherein execution of the instructions performs further operations comprising:

determining an applicable font size based on the second scale factor; and

selecting a corresponding bitmapped font and employing the bitmapped font to render the text content.

110. The machine-readable medium of claim 77, wherein at least a portion of the instructions comprise Java-based instructions configured to be executed on a Java virtual machine.

111. The machine-readable medium of claim 77, wherein the plurality of instructions are embodied in a browser.

112. The machine-readable medium of claim 111, wherein the browser is configured to run on a machine comprising a mobile device.

113. The machine-readable medium of claim 77, wherein at least a portion of the instructions are embodied as a browser plug-in.

114. The machine-readable medium of claim 77, wherein the original format of the Web page defines a height and width for the Web page, and wherein execution of the instructions performs further operations comprising:

determining an applicable scale factor to display at least one of the width and height of the Web page substantially across the display; and

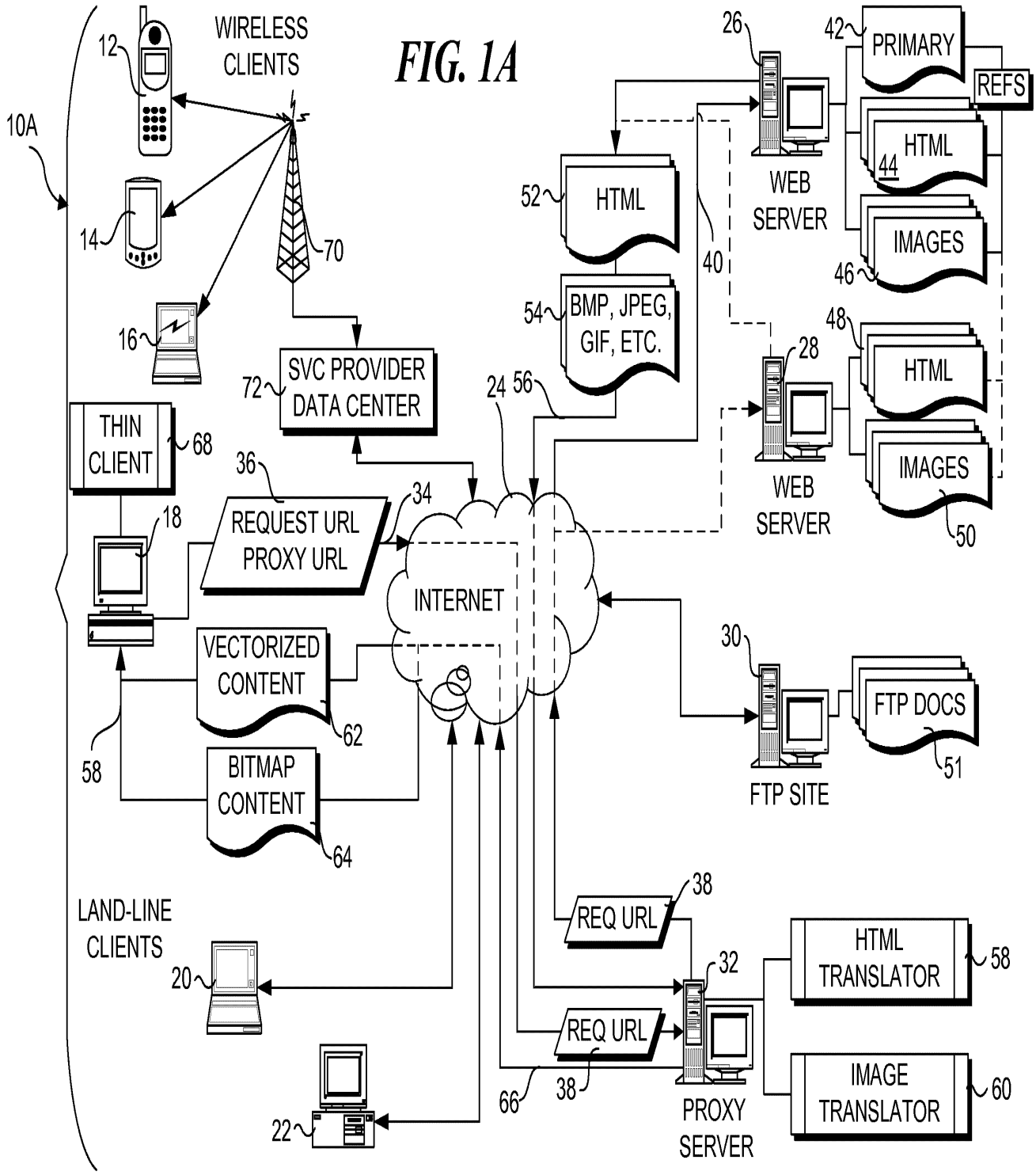
employing the scale factor that is determined as the first scale factor.

115. The machine-readable medium of claim 77, wherein the scalable vector-based content includes scalable text content and in the rendered displays the scalable text content is scaled.

116. The machine-readable medium of claim 77, wherein the Web page includes one or more images, and in the rendered displays at least one image from among the one or more images is scaled.

ABSTRACT OF THE DISCLOSURE

Apparatus, methods and software for creating resolution-independent vector display of Internet (Web) content to allow Web pages to be scaled (zoomed) and panned for better viewing and/or to fit any resolution or screen size. According to one aspect, novel client-side processing of Web content is provided that translates portions of Web content requested by a user from an original format to a scalable vector-based format. The scalable vector-based format enables the Web content to be rendered by the client such that the rendered display substantially retains an original page layout defined by the original format, while supporting scaling and panning of the Web content in real-time.


FIG. 1A
WIRELESS CLIENTS
12
10A
14
16
70
72
SVC PROVIDER DATA CENTER
THIN CLIENT
68
36
REQUEST URL PROXY URL
34
18
INTERNET
VECTORIZED CONTENT
62
58
BITMAP CONTENT
64
LAND-LINE CLIENTS
20
22
66
38
REQ URL
REQ URL
38
32
PROXY SERVER
HTML TRANSLATOR
58
IMAGE TRANSLATOR
60
26
WEB SERVER
42
PRIMARY
REFS
HTML
44
IMAGES
46
52
HTML
54
BMP, JPEG, GIF, ETC.
40
24
56
28
WEB SERVER
48
HTML
IMAGES
50
30
FTP SITE
FTP DOCS
51

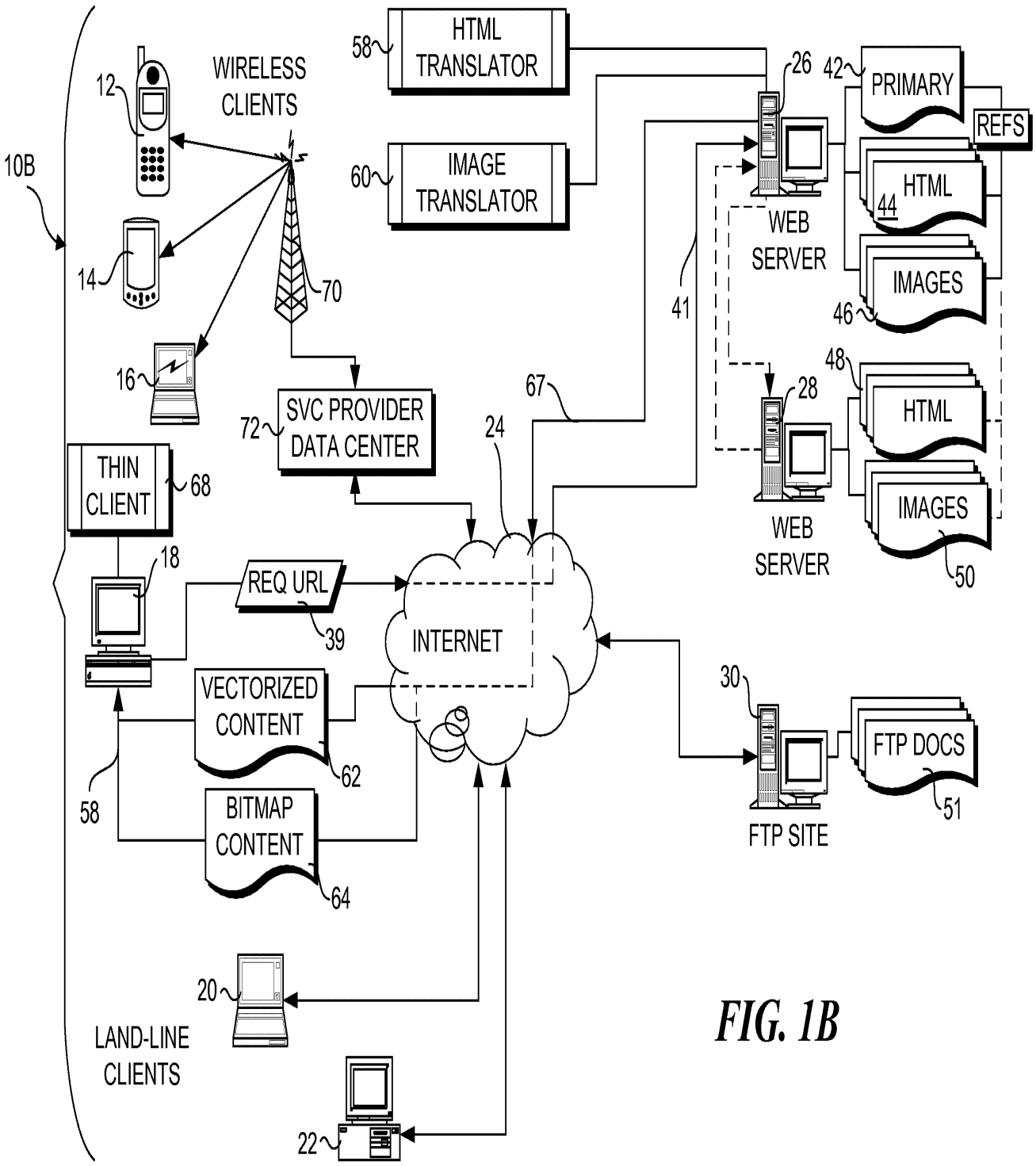

10B
WIRELESS CLIENTS
12
14
16
70
58
HTML TRANSLATOR
60
IMAGE TRANSLATOR
26
WEB SERVER
42
PRIMARY
REFS
HTML
44
IMAGES
46
41
48
HTML
28
WEB SERVER
IMAGES
50
67
24
72
SVC PROVIDER DATA CENTER
THIN CLIENT
68
18
REQ URL
39
INTERNET
VECTORIZED CONTENT
62
58
BITMAP CONTENT
64
30
FTP DOCS
51
FTP SITE
20
LAND-LINE CLIENTS
22

FIG. 1B

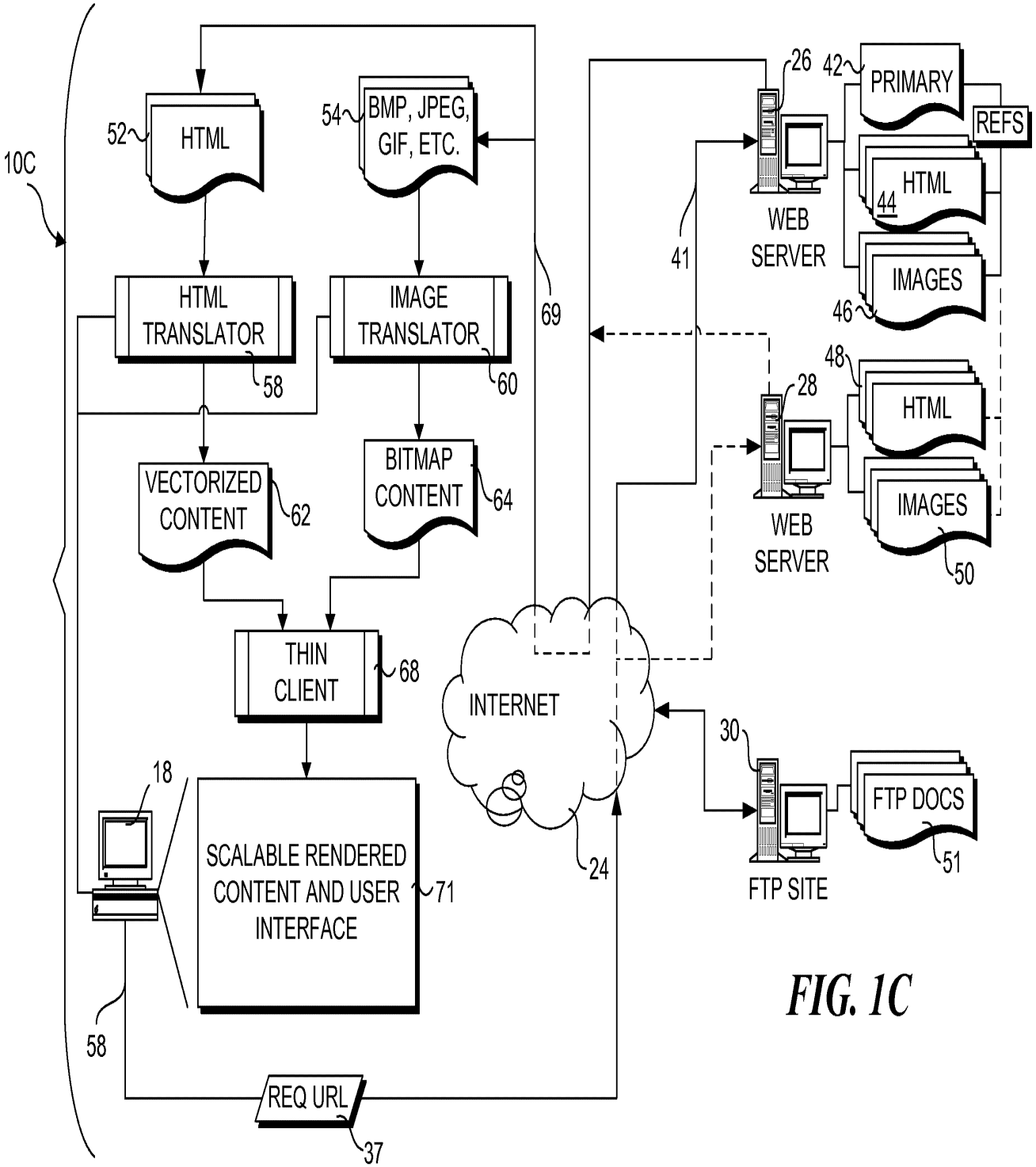

10C
52
HTML
54
BMP, JPEG, GIF, ETC.
HTML TRANSLATOR
58
IMAGE TRANSLATOR
60
69
VECTORIZED CONTENT
62
BITMAP CONTENT
64
THIN CLIENT
68
18
SCALABLE RENDERED CONTENT AND USER INTERFACE
71
58
REQ URL
37
INTERNET
24
26
42
PRIMARY
REFS
HTML
44
WEB SERVER
41
IMAGES
46
48
28
HTML
IMAGES
50
WEB SERVER
30
FTP DOCS
51
FTP SITE

FIG. 1C

FIG. 2A

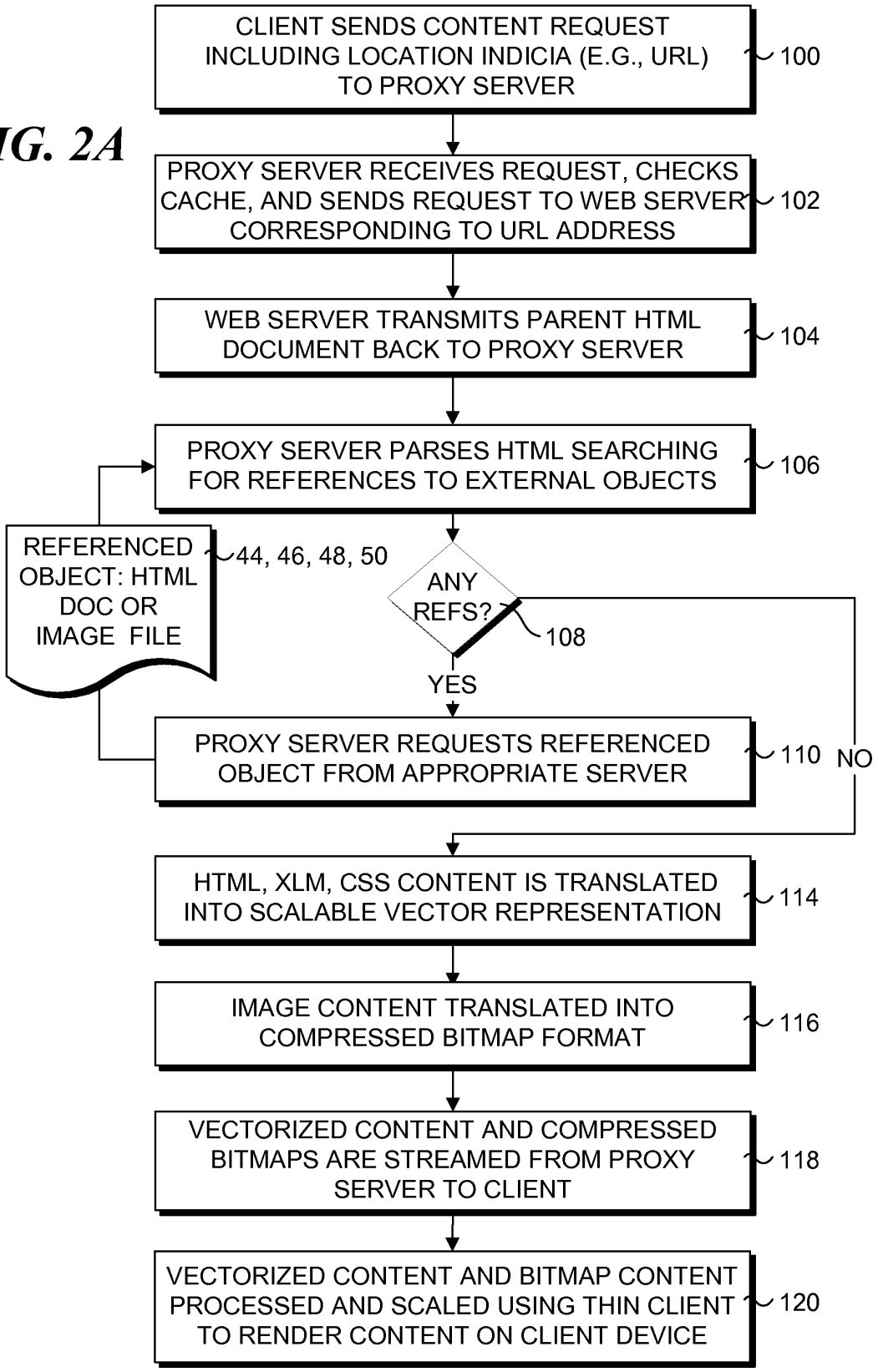

CLIENT SENDS CONTENT REQUEST INCLUDING LOCATION INDICIA (E.G., URL) TO PROXY SERVER
100
PROXY SERVER RECEIVES REQUEST, CHECKS CACHE, AND SENDS REQUEST TO WEB SERVER CORRESPONDING TO URL ADDRESS
102
WEB SERVER TRANSMITS PARENT HTML DOCUMENT BACK TO PROXY SERVER
104
PROXY SERVER PARSES HTML SEARCHING FOR REFERENCES TO EXTERNAL OBJECTS
106
REFERENCED OBJECT: HTML DOC OR IMAGE FILE
44, 46, 48, 50
ANY REFS?
108
YES
NO
PROXY SERVER REQUESTS REFERENCED OBJECT FROM APPROPRIATE SERVER
110
HTML, XLM, CSS CONTENT IS TRANSLATED INTO SCALABLE VECTOR REPRESENTATION
114
IMAGE CONTENT TRANSLATED INTO COMPRESSED BITMAP FORMAT
116
VECTORIZED CONTENT AND COMPRESSED BITMAPS ARE STREAMED FROM PROXY SERVER TO CLIENT
118
VECTORIZED CONTENT AND BITMAP CONTENT PROCESSED AND SCALED USING THIN CLIENT TO RENDER CONTENT ON CLIENT DEVICE
120

FIG. 2B

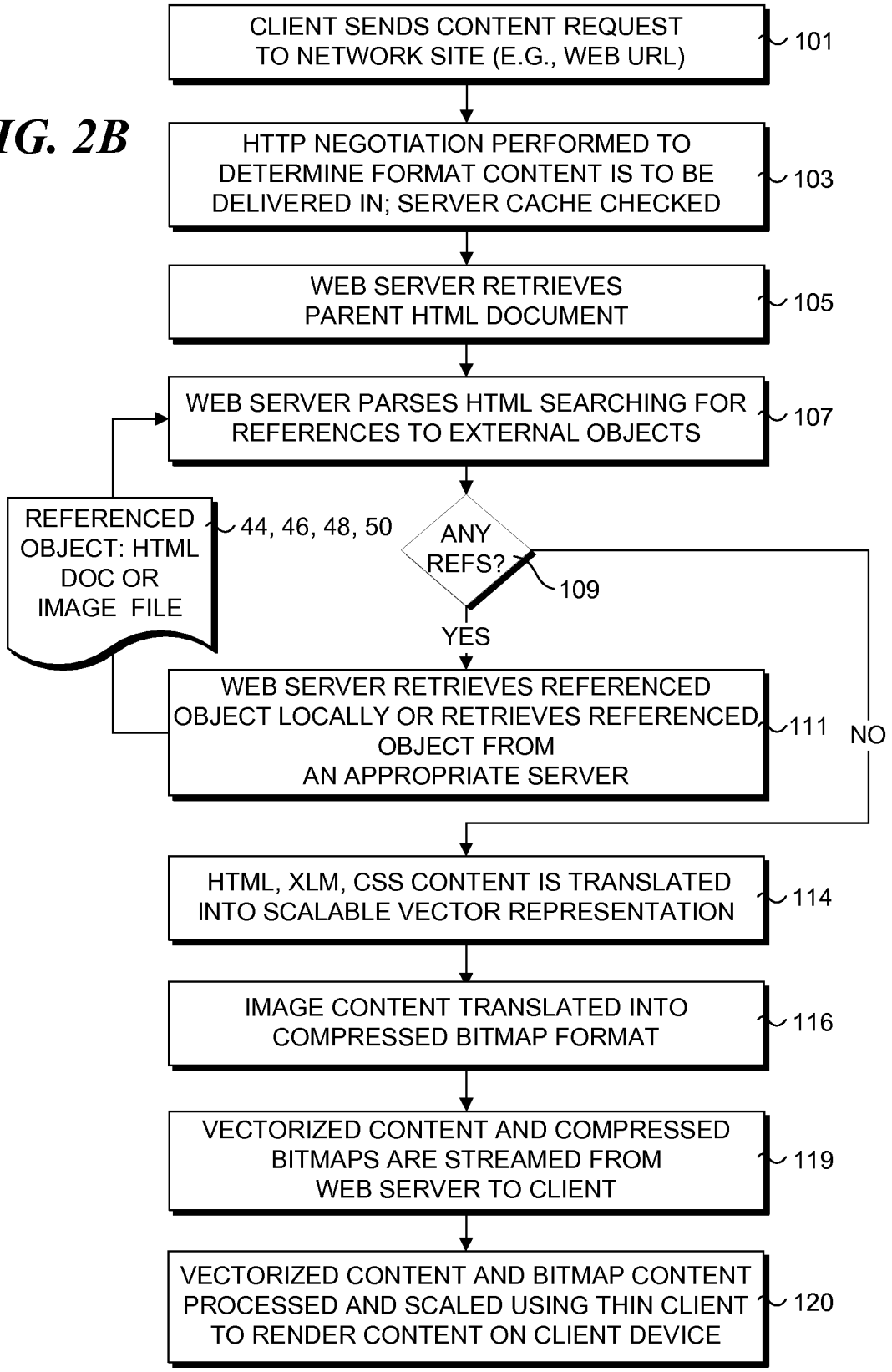
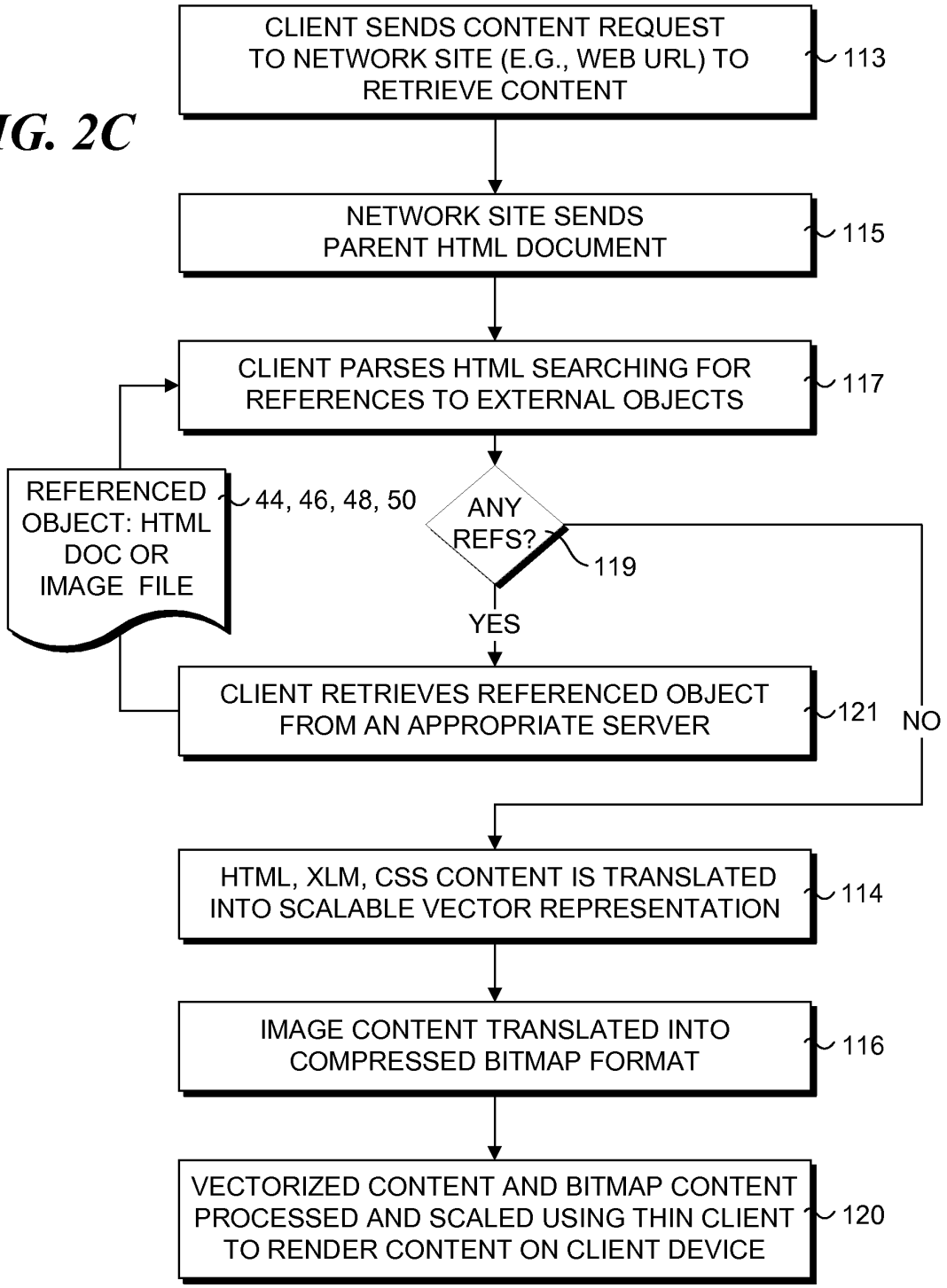

CLIENT SENDS CONTENT REQUEST TO NETWORK SITE (E.G., WEB URL)
101
HTTP NEGOTIATION PERFORMED TO DETERMINE FORMAT CONTENT IS TO BE DELIVERED IN; SERVER CACHE CHECKED
103
WEB SERVER RETRIEVES PARENT HTML DOCUMENT
105
WEB SERVER PARSES HTML SEARCHING FOR REFERENCES TO EXTERNAL OBJECTS
107
ANY REFS?
109
YES
NO
REFERENCED OBJECT: HTML DOC OR IMAGE FILE
44, 46, 48, 50
WEB SERVER RETRIEVES REFERENCED OBJECT LOCALLY OR RETRIEVES REFERENCED OBJECT FROM AN APPROPRIATE SERVER
111
HTML, XLM, CSS CONTENT IS TRANSLATED INTO SCALABLE VECTOR REPRESENTATION
114
IMAGE CONTENT TRANSLATED INTO COMPRESSED BITMAP FORMAT
116
VECTORIZED CONTENT AND COMPRESSED BITMAPS ARE STREAMED FROM WEB SERVER TO CLIENT
119
VECTORIZED CONTENT AND BITMAP CONTENT PROCESSED AND SCALED USING THIN CLIENT TO RENDER CONTENT ON CLIENT DEVICE
120

FIG. 2C


CLIENT SENDS CONTENT REQUEST TO NETWORK SITE (E.G., WEB URL) TO RETRIEVE CONTENT
113
NETWORK SITE SENDS PARENT HTML DOCUMENT
115
CLIENT PARSES HTML SEARCHING FOR REFERENCES TO EXTERNAL OBJECTS
117
REFERENCED OBJECT: HTML DOC OR IMAGE FILE
44, 46, 48, 50
ANY REFS?
119
YES
NO
CLIENT RETRIEVES REFERENCED OBJECT FROM AN APPROPRIATE SERVER
121
HTML, XLM, CSS CONTENT IS TRANSLATED INTO SCALABLE VECTOR REPRESENTATION
114
IMAGE CONTENT TRANSLATED INTO COMPRESSED BITMAP FORMAT
116
VECTORIZED CONTENT AND BITMAP CONTENT PROCESSED AND SCALED USING THIN CLIENT TO RENDER CONTENT ON CLIENT DEVICE
120

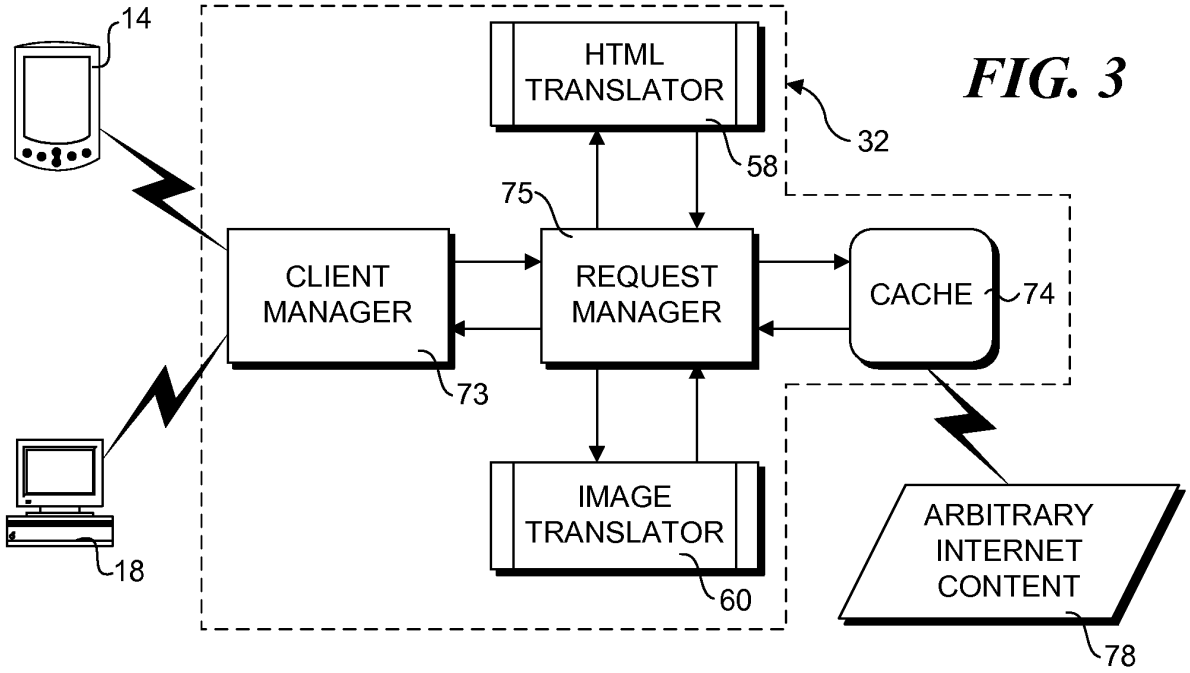

14
HTML TRANSLATOR
58
32
75
CLIENT MANAGER
73
REQUEST MANAGER
CACHE
74
18
IMAGE TRANSLATOR
60
ARBITRARY INTERNET CONTENT
78

FIG. 3

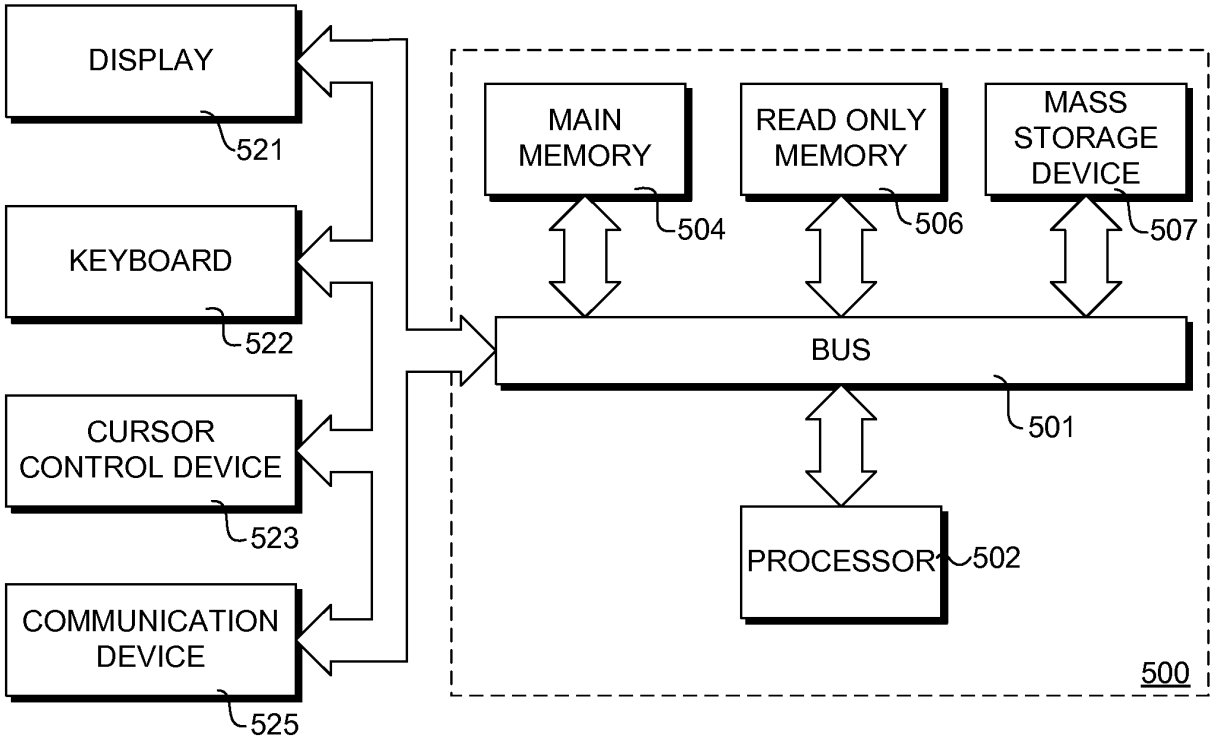

DISPLAY
521
KEYBOARD
522
CURSOR CONTROL DEVICE
523
COMMUNICATION DEVICE
525
MAIN MEMORY
504
READ ONLY MEMORY
506
MASS STORAGE DEVICE
507
BUS
501
PROCESSOR
502
500

FIG. 10

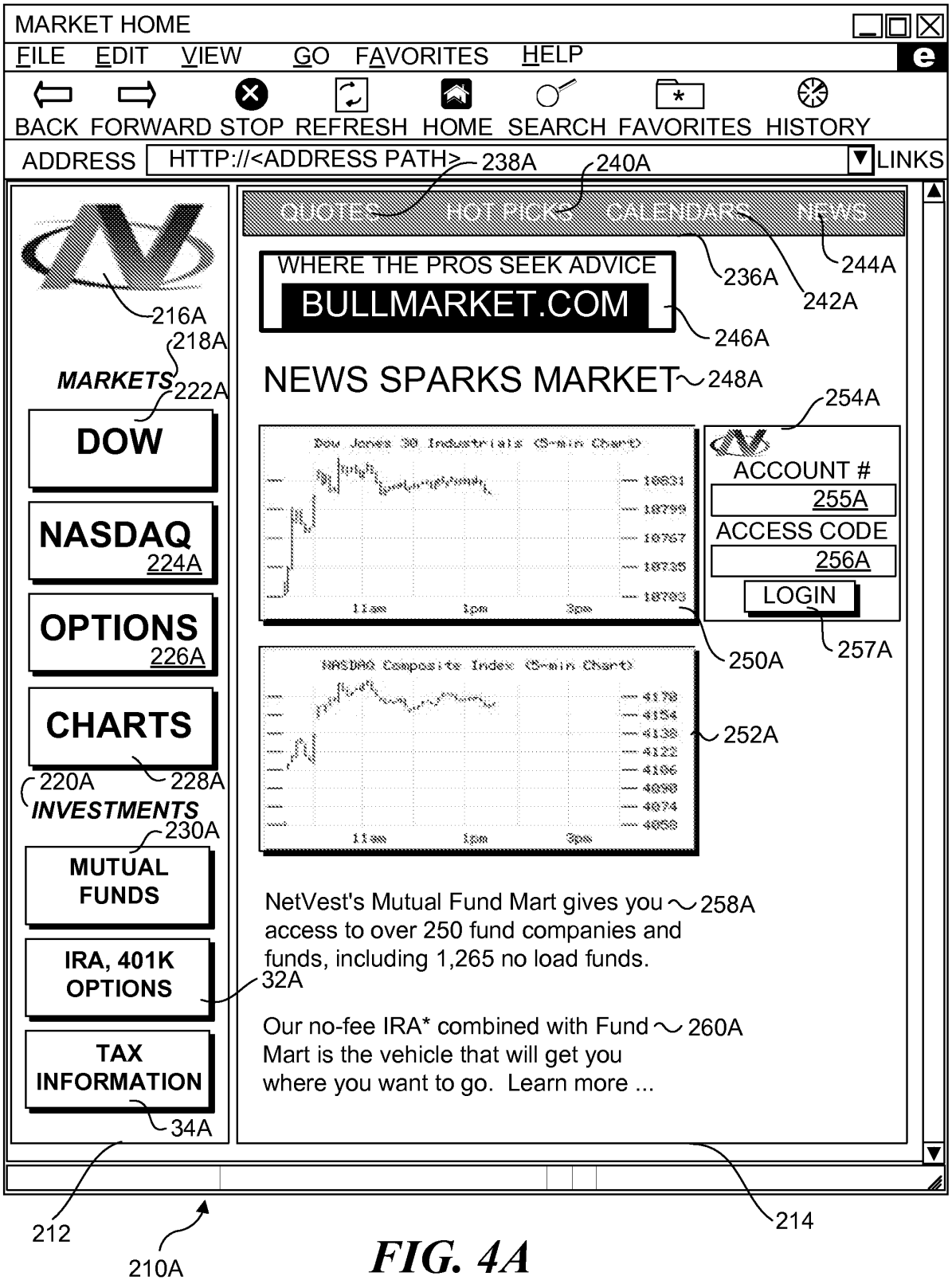

MARKET HOME
FILE EDIT VIEW GO FAVORITES HELP
BACK FORWARD STOP REFRESH HOME SEARCH FAVORITES HISTORY
ADDRESS HTTP://<ADDRESS PATH>
LINKS
238A
240A
QUOTES
HOT PICKS
CALENDARS
NEWS
244A
236A
242A
WHERE THE PROS SEEK ADVICE
BULLMARKET.COM
246A
216A
218A
MARKETS
222A
NEWS SPARKS MARKET
248A
254A
DOW
NASDAQ
224A
OPTIONS
226A
CHARTS
220A
228A
INVESTMENTS
230A
ACCOUNT #
255A
ACCESS CODE
256A
LOGIN
257A
250A
252A
MUTUAL FUNDS
IRA, 401K OPTIONS
32A
TAX INFORMATION
34A
NetVest's Mutual Fund Mart gives you access to over 250 fund companies and funds, including 1,265 no load funds.
258A
Our no-fee IRA* combined with Fund Mart is the vehicle that will get you where you want to go. Learn more ...
260A
212
210A
214

FIG. 4A

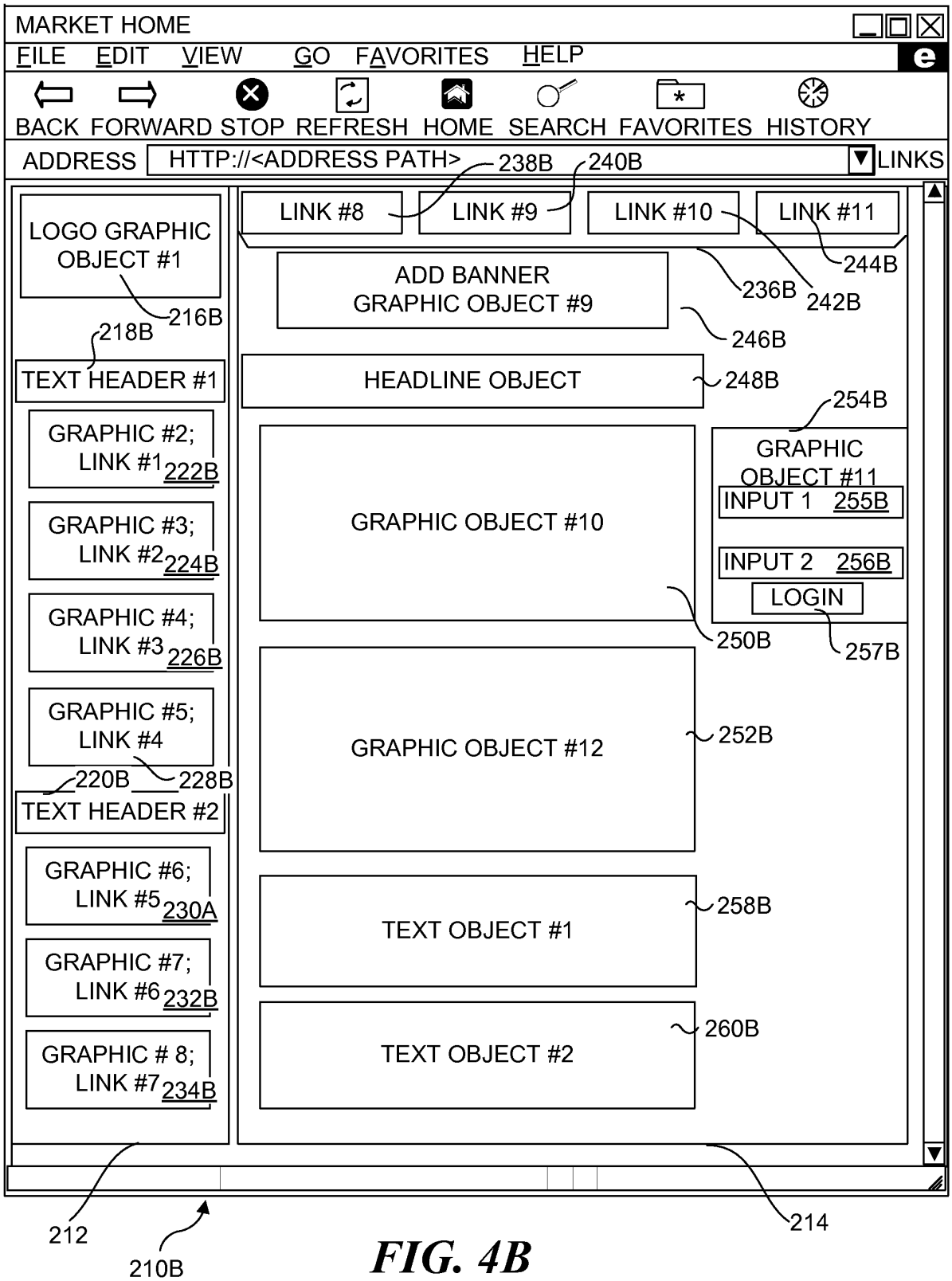

MARKET HOME
FILE EDIT VIEW GO FAVORITES HELP
BACK FORWARD STOP REFRESH HOME SEARCH FAVORITES HISTORY
ADDRESS HTTP://<ADDRESS PATH>
LINKS
238B
240B
LINK #8
LINK #9
LINK #10
LINK #11
244B
236B
242B
LOGO GRAPHIC OBJECT #1
216B
ADD BANNER GRAPHIC OBJECT #9
246B
218B
TEXT HEADER #1
HEADLINE OBJECT
248B
254B
GRAPHIC #2; LINK #1 222B
GRAPHIC OBJECT #11
INPUT 1 255B
GRAPHIC #3; LINK #2 224B
GRAPHIC OBJECT #10
INPUT 2 256B
LOGIN
GRAPHIC #4; LINK #3 226B
250B
257B
GRAPHIC #5; LINK #4
GRAPHIC OBJECT #12
252B
220B
228B
TEXT HEADER #2
GRAPHIC #6; LINK #5 230A
TEXT OBJECT #1
258B
GRAPHIC #7; LINK #6 232B
260B
GRAPHIC # 8; LINK #7 234B
TEXT OBJECT #2
212
214
210B

FIG. 4B

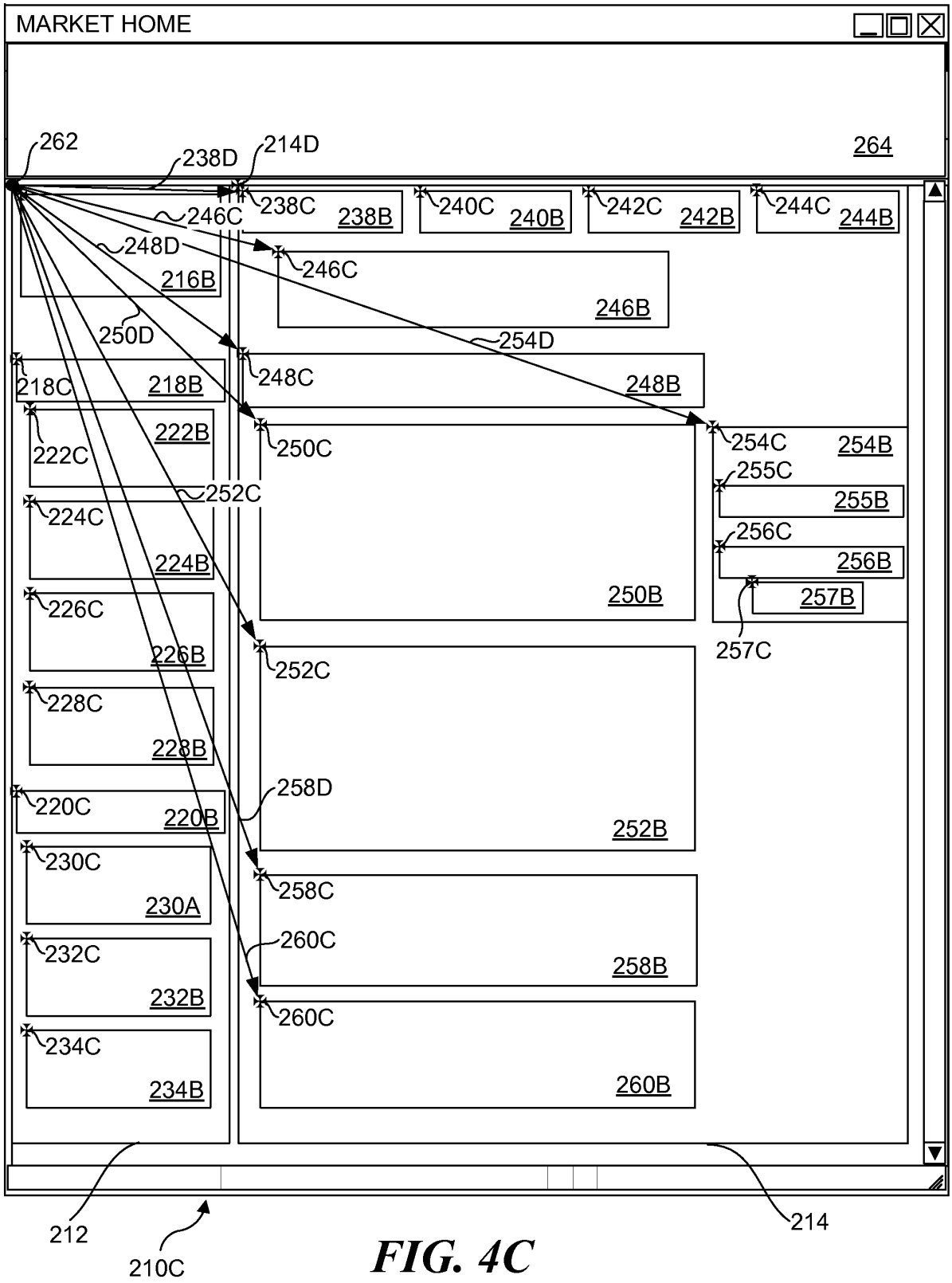

MARKET HOME
262
238D
214D
264
238C
238B
240C
240B
242C
242B
244C
244B
246C
248D
216B
246C
246B
250D
254D
218C
218B
248C
248B
222B
222C
250C
254C
254B
255C
255B
252C
224C
224B
256C
256B
226C
250B
257B
257C
226B
252C
228C
228B
258D
220C
220B
252B
230C
230A
258C
260C
232C
232B
258B
260C
234C
234B
260B
212
210C
214

FIG. 4C

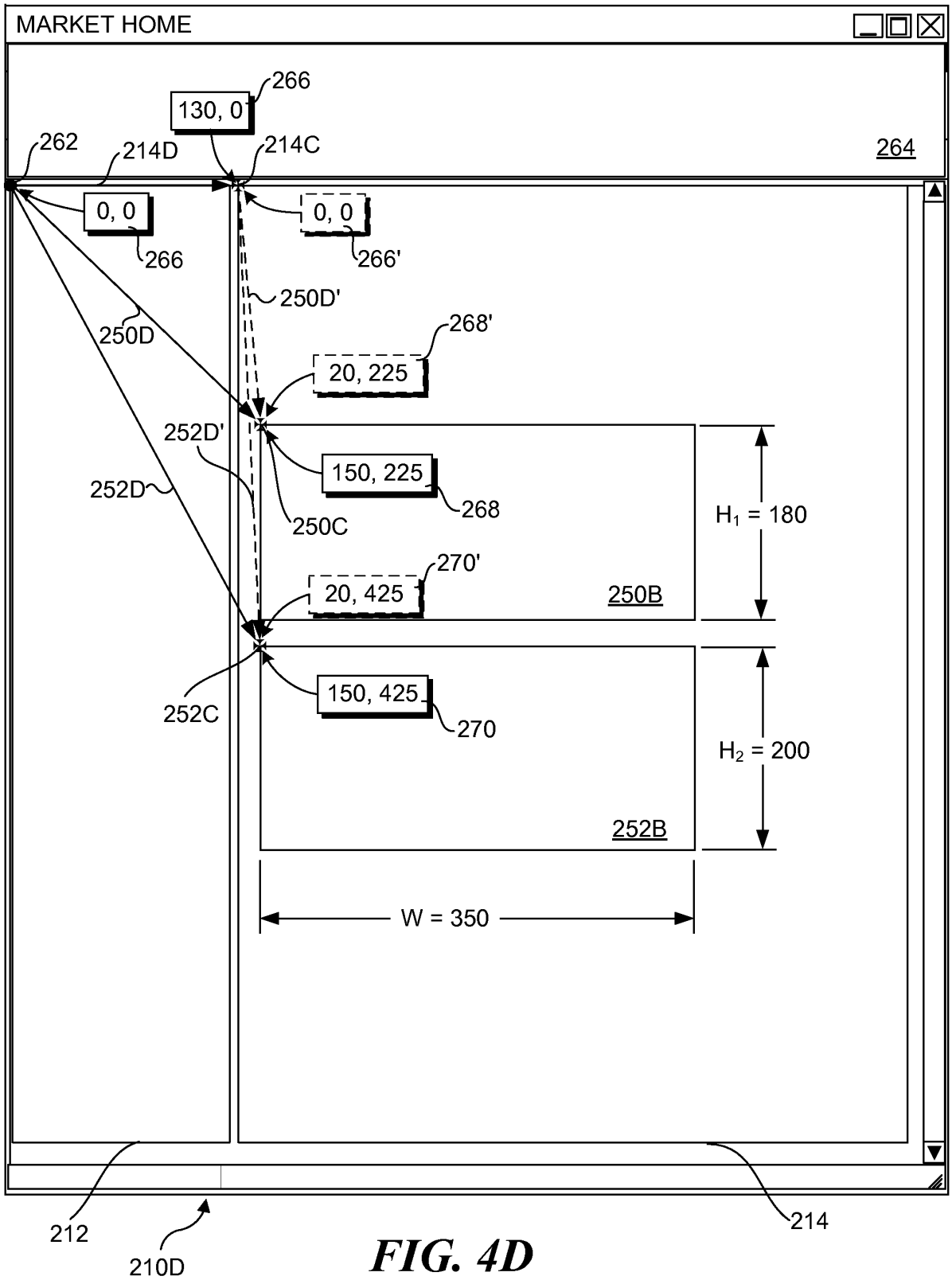
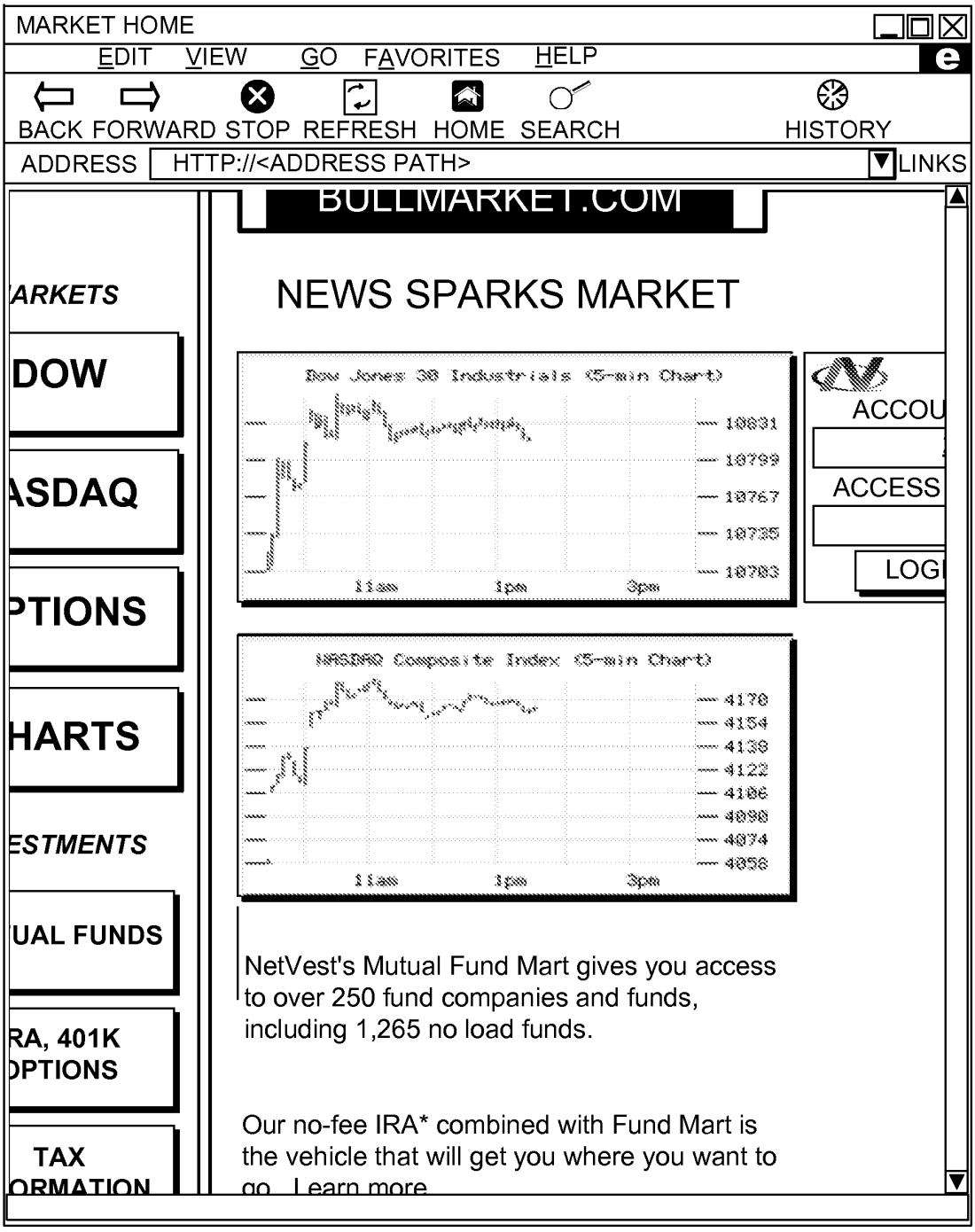

MARKET HOME
266
130, 0
262
214D
214C
264
0, 0
266
0, 0
266'
250D'
250D
268'
20, 225
252D'
252D
150, 225
268
250C
H_1 = 180
270'
20, 425
250B
252C
150, 425
270
H_2 = 200
252B
W = 350
212
210D
214

FIG. 4D


MARKET HOME
EDIT VIEW GO FAVORITES HELP
BACK FORWARD STOP REFRESH HOME SEARCH HISTORY
ADDRESS HTTP://<ADDRESS PATH>
LINKS
BULLMARKET.COM
ARKETS
DOW
ASDAQ
PTIONS
HARTS
ESTMENTS
UAL FUNDS
RA, 401K
PTIONS
TAX
ORMATION
NEWS SPARKS MARKET
Dow Jones 30 Industrials (5-min Chart)
10831
10799
10767
10735
10703
11am
1pm
3pm
ACCOU
ACCESS
LOGI
NASDAQ Composite Index (5-min Chart)
4170
4154
4138
4122
4106
4090
4074
4058
11am
1pm
3pm
NetVest's Mutual Fund Mart gives you access to over 250 fund companies and funds, including 1,265 no load funds.
Our no-fee IRA* combined with Fund Mart is the vehicle that will get you where you want to go. Learn more

210E

FIG. 4E

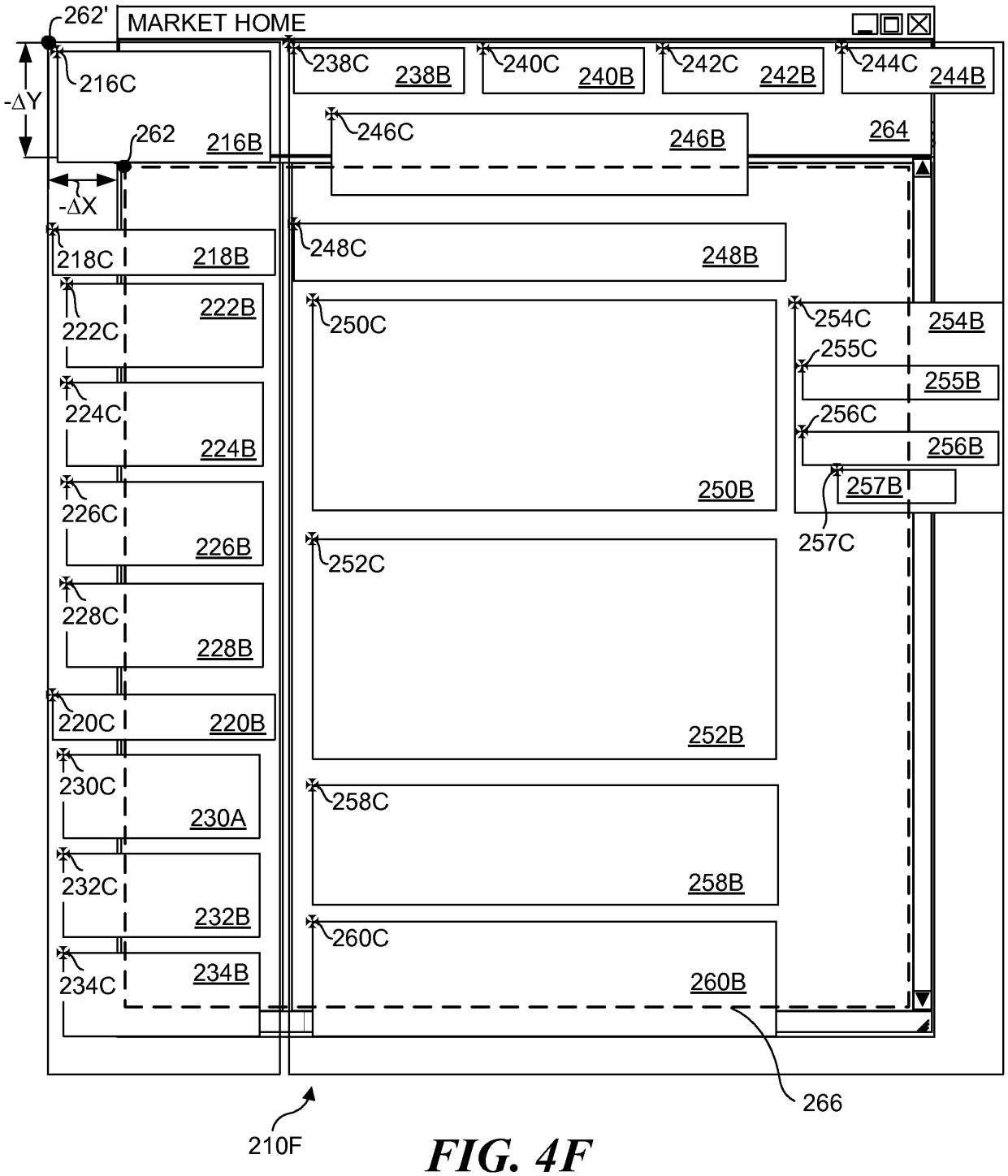

262'
MARKET HOME
216C
-ΔY
262
216B
238C
238B
240C
240B
242C
242B
244C
244B
246C
246B
264
-ΔX
218C
218B
248C
248B
222C
222B
250C
254C
254B
255C
255B
224C
224B
256C
256B
226C
226B
250B
257B
257C
228C
228B
252C
220C
220B
252B
230C
230A
258C
258B
232C
232B
260C
234C
234B
260B
266
210F

FIG. 4F

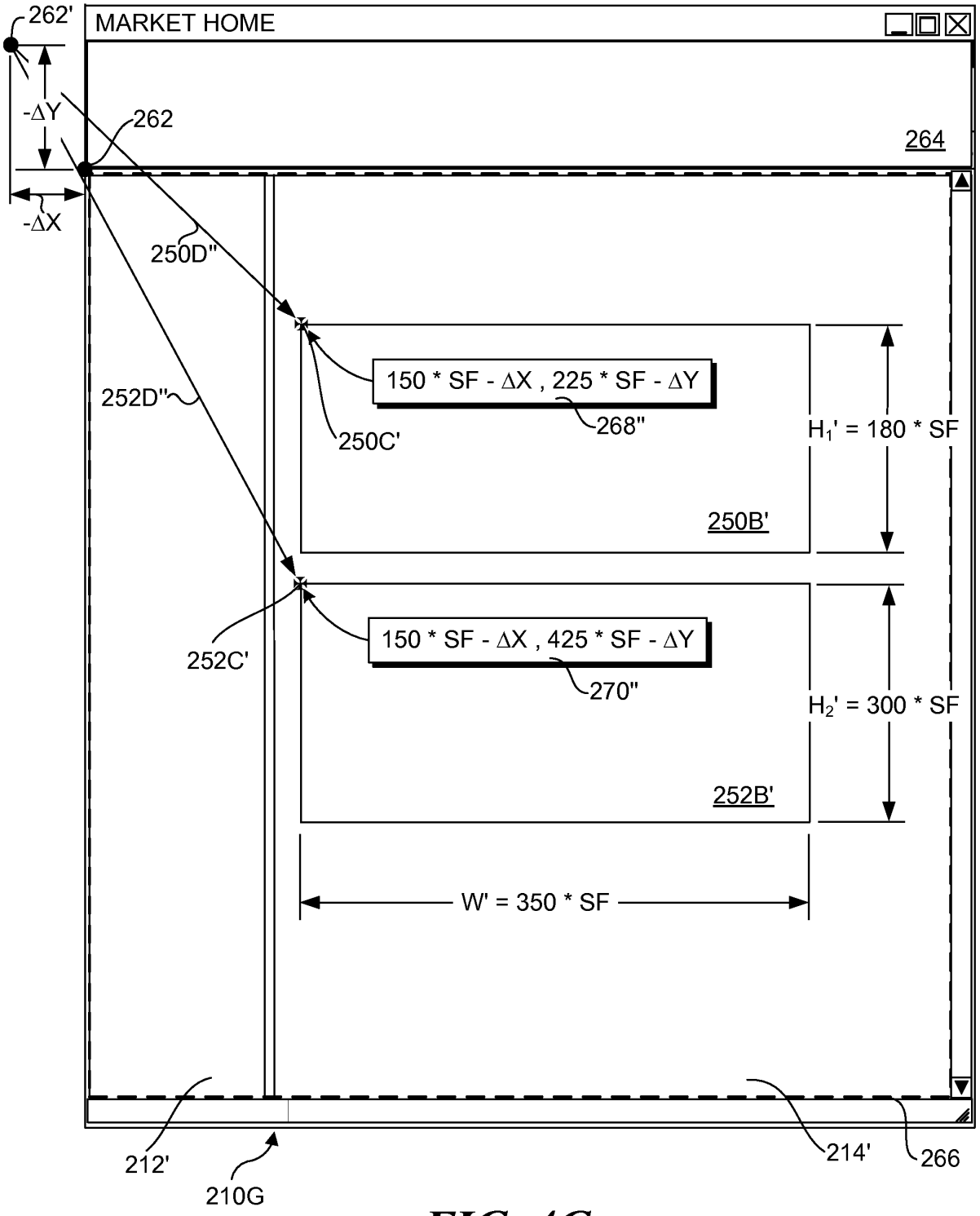

262'
MARKET HOME
-ΔY
262
264
-ΔX
250D"
252D"
150 * SF - ΔX , 225 * SF - ΔY
268"
250C'
H1' = 180 * SF
250B'
252C'
150 * SF - ΔX , 425 * SF - ΔY
270"
H2' = 300 * SF
252B'
W' = 350 * SF
212'
210G
214'
266

FIG. 4G

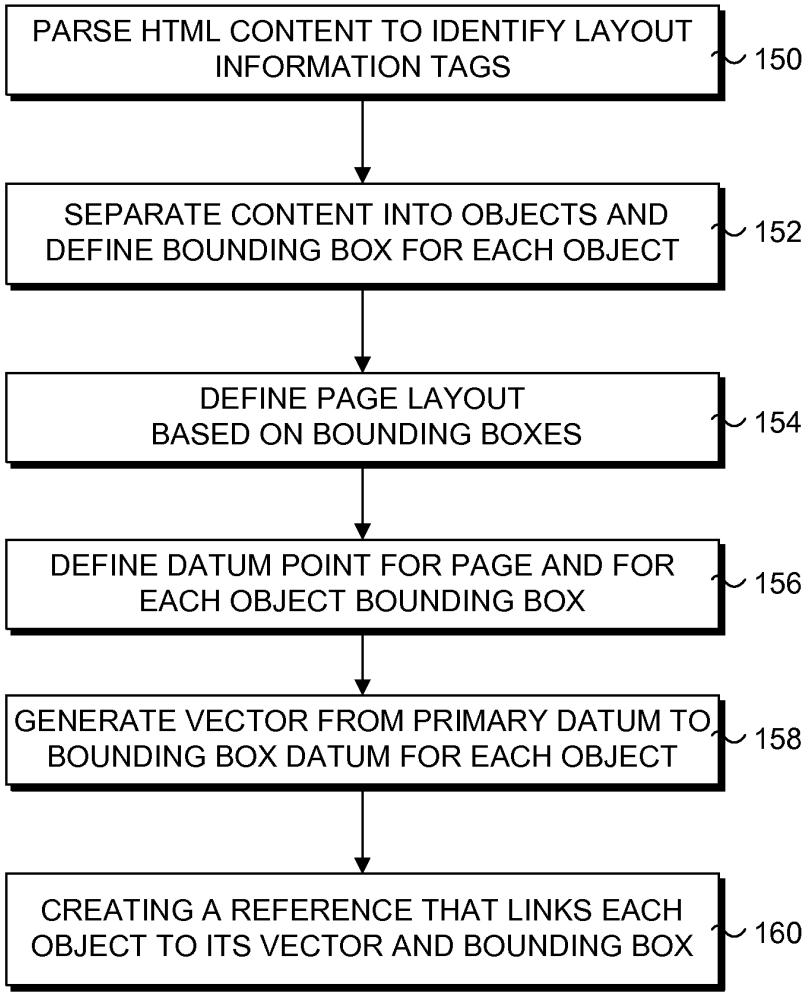

PARSE HTML CONTENT TO IDENTIFY LAYOUT INFORMATION TAGS
150
SEPARATE CONTENT INTO OBJECTS AND DEFINE BOUNDING BOX FOR EACH OBJECT
152
DEFINE PAGE LAYOUT BASED ON BOUNDING BOXES
154
DEFINE DATUM POINT FOR PAGE AND FOR EACH OBJECT BOUNDING BOX
156
GENERATE VECTOR FROM PRIMARY DATUM TO BOUNDING BOX DATUM FOR EACH OBJECT
158
CREATING A REFERENCE THAT LINKS EACH OBJECT TO ITS VECTOR AND BOUNDING BOX
160

FIG. 5

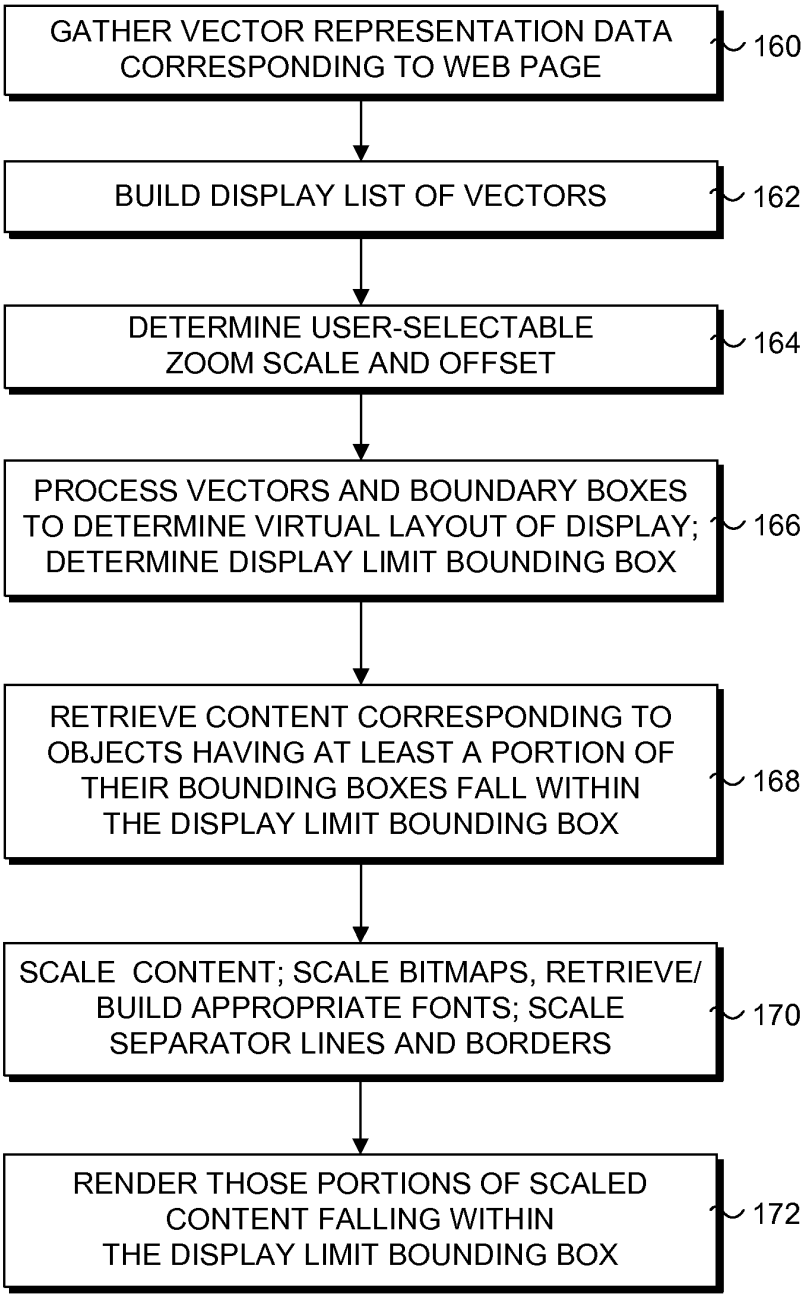

GATHER VECTOR REPRESENTATION DATA CORRESPONDING TO WEB PAGE
160
BUILD DISPLAY LIST OF VECTORS
162
DETERMINE USER-SELECTABLE ZOOM SCALE AND OFFSET
164
PROCESS VECTORS AND BOUNDARY BOXES TO DETERMINE VIRTUAL LAYOUT OF DISPLAY; DETERMINE DISPLAY LIMIT BOUNDING BOX
166
RETRIEVE CONTENT CORRESPONDING TO OBJECTS HAVING AT LEAST A PORTION OF THEIR BOUNDING BOXES FALL WITHIN THE DISPLAY LIMIT BOUNDING BOX
168
SCALE CONTENT; SCALE BITMAPS, RETRIEVE/ BUILD APPROPRIATE FONTS; SCALE SEPARATOR LINES AND BORDERS
170
RENDER THOSE PORTIONS OF SCALED CONTENT FALLING WITHIN THE DISPLAY LIMIT BOUNDING BOX
172

FIG. 6

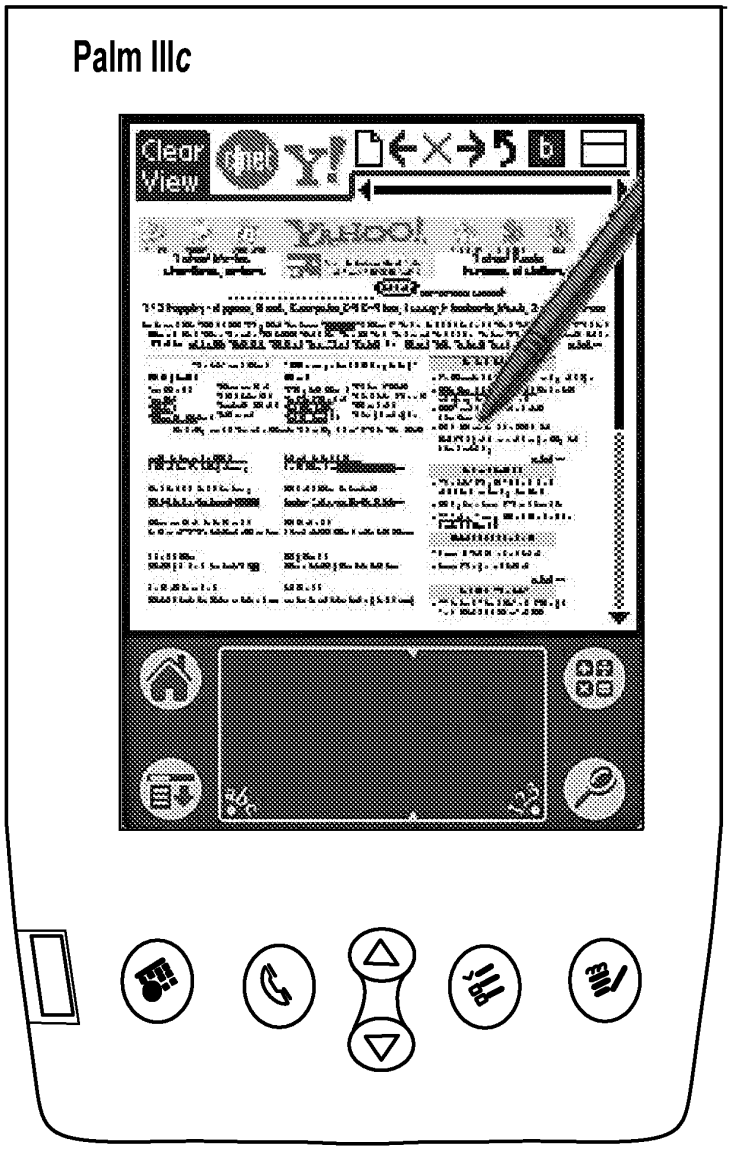


FIG. 7A

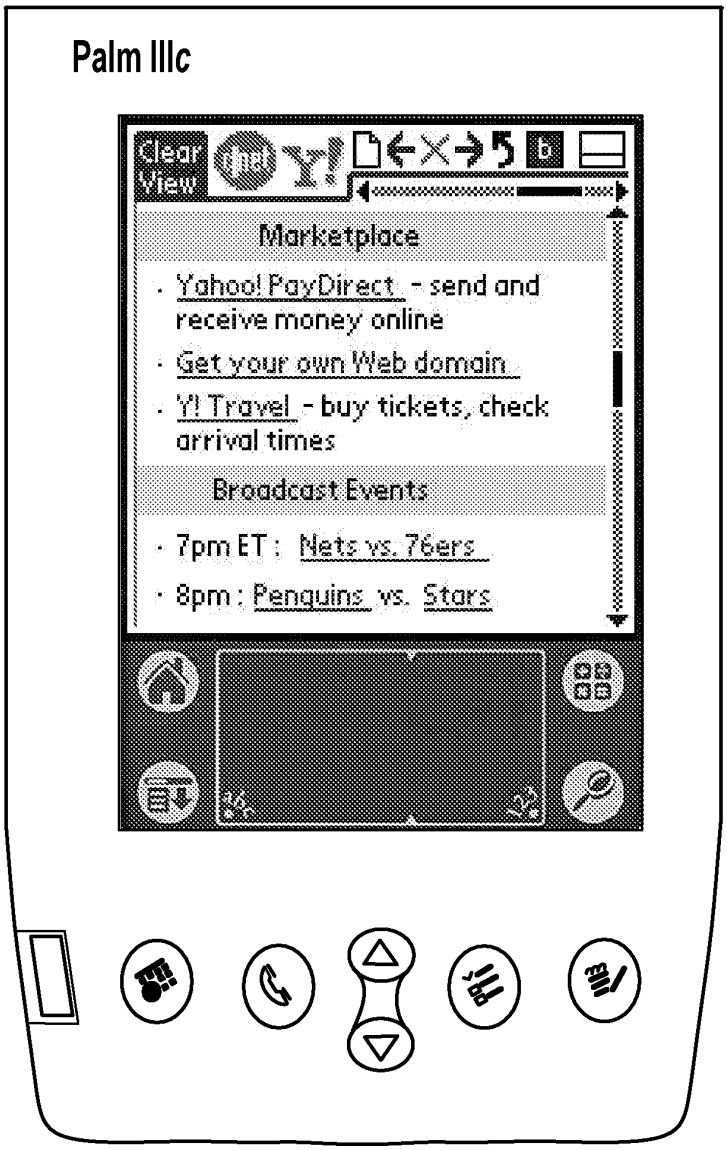

Palm IIIc
Clear View
Marketplace
· Yahoo! PayDirect - send and receive money online
· Get your own Web domain
· Y! Travel - buy tickets, check arrival times
Broadcast Events
· 7pm ET : Nets vs. 76ers
· 8pm : Penguins vs. Stars

FIG. 7B

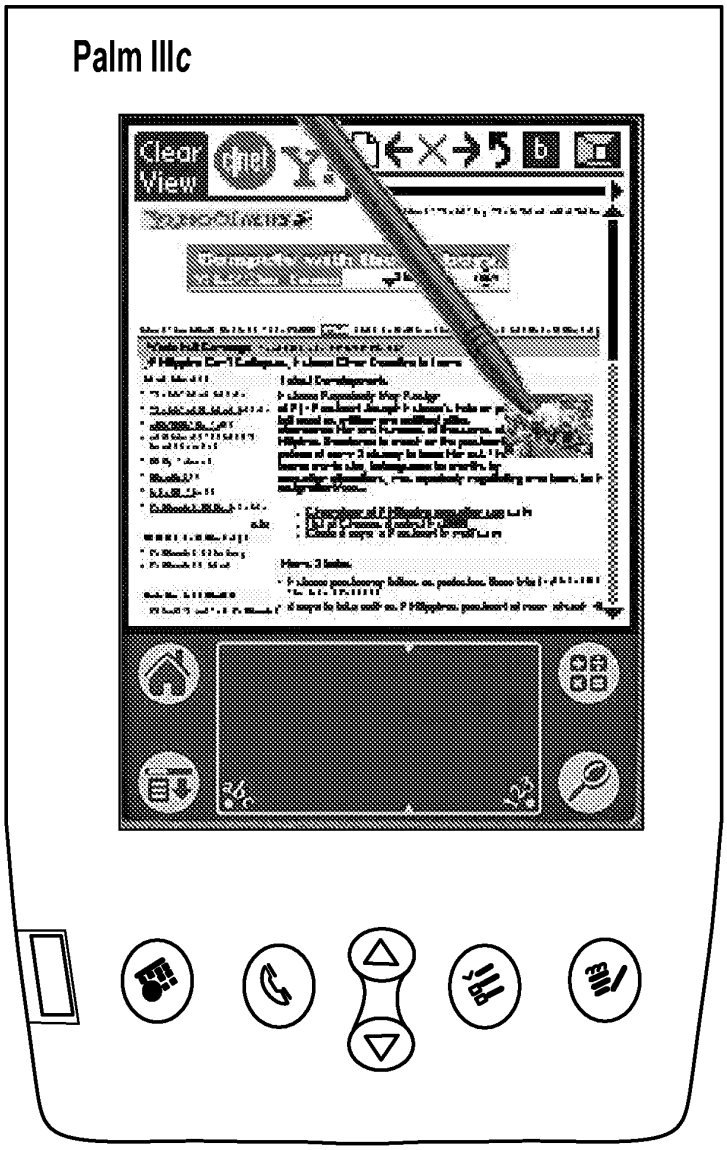


FIG. 8A

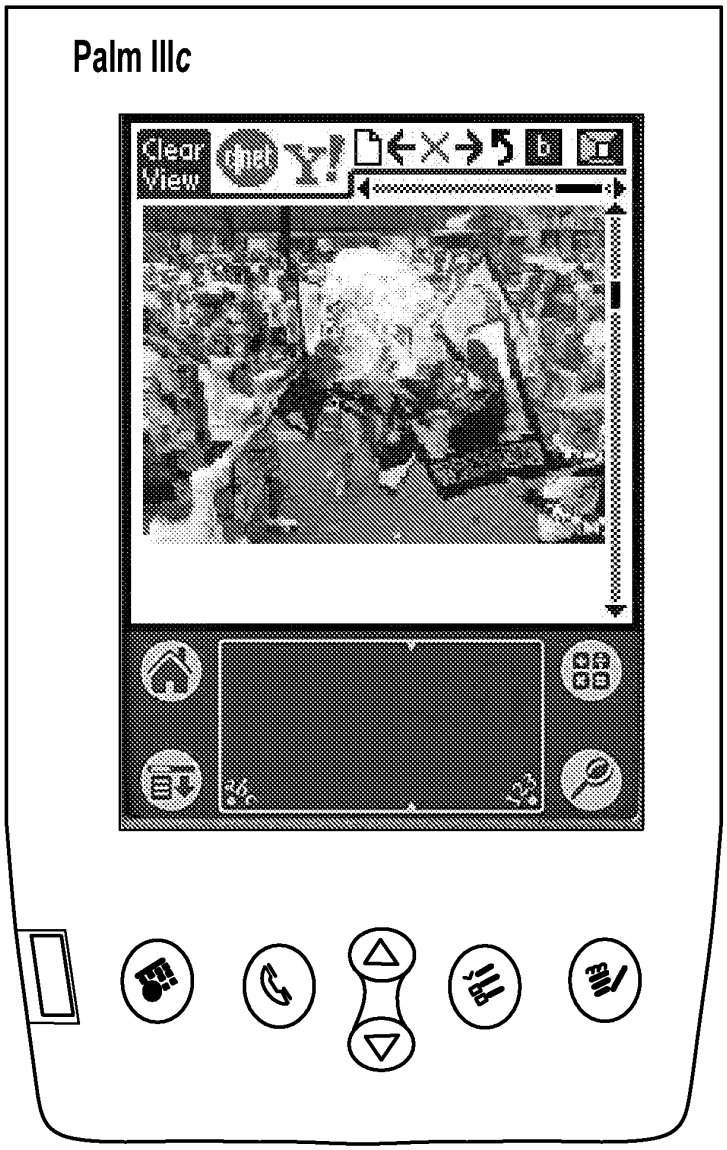


FIG. 8B



FIG. 9A

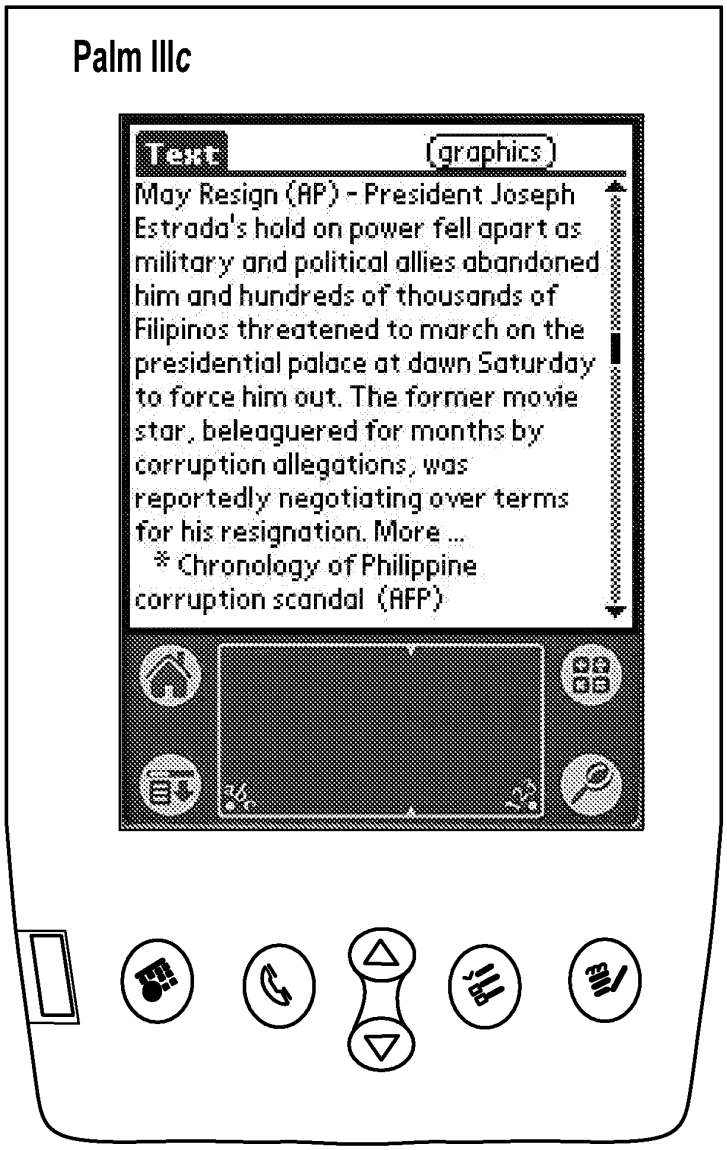

Palm IIIc
Text
(graphics)
May Resign (AP) - President Joseph Estrada's hold on power fell apart as military and political allies abandoned him and hundreds of thousands of Filipinos threatened to march on the presidential palace at dawn Saturday to force him out. The former movie star, beleaguered for months by corruption allegations, was reportedly negotiating over terms for his resignation. More ...
* Chronology of Philippine corruption scandal (AFP)

FIG. 9B

Electronic Patent Application Fee Transmittal	
Application Number:	
Filing Date:	
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Filer:	R. Burnett
Attorney Docket Number:	005207.P001XC
Filed as Small Entity	

Utility Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Utility filing Fee (Electronic filing)	4011	1	75	75
Utility Search Fee	2111	1	250	250
Utility Examination Fee	2311	1	100	100
Pages:				
Claims:				
Claims in excess of 20	2202	96	25	2400
Miscellaneous-Filing:				
Petition:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
		Total in USD ($)		**2825**

Electronic Acknowledgement Receipt	
EFS ID:	1683912
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	59860
Filer:	R. Burnett
Filer Authorized By:	
Attorney Docket Number:	005207.P001XC
Receipt Date:	15-APR-2007
Filing Date:	
Time Stamp:	18:41:08
Application Type:	Utility

Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	$2825
RAM confirmation Number	1563
Deposit Account	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part /.zip	Pages (if appl.)

1	Specification	P001XC_AP.pdf	190256	no	65
Warnings:					
Information:					
2	Drawings	P001XC_Figures.pdf	664436	no	22
Warnings:					
Information:					
3	Fee Worksheet (PTO-06)	fee-info.pdf	8506	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	863198		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
11/735,477	04/15/2007	2176	2825	005207.P001XC	116	3

CONFIRMATION NO. 2104

59860
LAW OFFICE OF R. ALAN BURNETT
4108 131ST AVE. SE
BELLEVUE, WA98006

FILING RECEIPT

Date Mailed: 05/03/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

Applicant(s)

Gary B. Rohrabaugh, Residence Not Provided;

Power of Attorney: None

Domestic Priority data as claimed by applicant

This application is a CON of 09/878,097 06/08/2001 PAT 7,210,099
which is a CIP of 09/828,511 04/07/2001 ABN
and claims benefit of 60/211,019 06/12/2000
and claims benefit of 60/217,345 07/11/2000
This application 11/735,477
is a DIV of 09/878,097 06/08/2001 PAT 7,210,099
and is a DIV of 11/045,757 01/28/2005
and is a DIV of 11/045,649 01/28/2005

Foreign Applications

If Required, Foreign Filing License Granted: 05/03/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US11/735,477**

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT

Preliminary Class

715

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under

37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign AssetsControl, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
11/735,477	04/15/2007	2176	2825	005207.P001XC	116	3

CONFIRMATION NO. 2104

LAW OFFICE OF R. ALAN BURNETT, PS
4108 131ST AVE SE
BELLEVUE, WA98006

FILING RECEIPT

Date Mailed: 05/04/2007

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is a DIV of 09/878,097 06/08/2001 PAT 7,210,099
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Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
11/735,477	04/15/2007	Gary B. Rohrabaugh	005207.P001XC

CONFIRMATION NO. 2104
FORMALITIES LETTER

LAW OFFICE OF R. ALAN BURNETT, PS
4108 131ST AVE SE
BELLEVUE, WA 98006

Date Mailed: 05/04/2007

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing. *A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
  Note: If a petition under 37 CFR 1.47 is being filed, an oath or declaration in compliance with 37 CFR 1.63 signed by all available joint inventors, or if no inventor is available by a party with sufficient proprietary interest, is required.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

• To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.16(f) of $65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **$65** for a small entity

- **$65** Surcharge.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450

Alexandria VA 22313-1450

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at http://www.uspto.gov/ebc.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

Office of Initial Patent Examination (571) 272-4000, or 1-800-PTO-9199
PART 3 - OFFICE COPY

Attorney Docket No.: 005207.P001XC Patent

First Named Inventor: Gary B. Rohrabaugh

Check One:

____ Declaration Submitted with Initial Filing OR

_X_ Declaration Submitted After Initial Filing (Surcharge under 37 C.F.R. § 1.16(e) Required).

Complete If Known:

Application No.: 11/735,477
Filing Date: April 15, 2007
Art Unit: Unknown
Examiner Name: Unknown

DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT

(Title of the Invention)

the specification of which

_____ is attached hereto **OR**

_X_ was filed on (14/15/2007)
as United States Application Number 11/735,477
or PCT International Application Number _____
and was amended on (MM/DD/YYYY) _____.
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed?		Certified Copy Attached?	
(Number)	(Country)	(Foreign Filing Date - MM/DD/YYYY)	Yes	No	Yes	No
(Number)	(Country)	(Foreign Filing Date - MM/DD/YYYY)	Yes	No	Yes	No
(Number)	(Country)	(Foreign Filing Date - MM/DD/YYYY)	Yes	No	Yes	No

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

60/211,019	June 12, 2000
Application Number	Filing Date
60/217,345	July 11, 2000
Application Number	Filing Date

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this applications is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

09/878,097	June 8, 2001	Pending
Application Number	Filing Date	Status – patented, pending, abandoned
09/825,511	April 7, 2001	Abandoned
Application Number	Filing Date	Status – patented, pending, abandoned

Appointment of Patent Practitioners:

I hereby appoint the patent practitioners associated with the **Customer Number 59860** as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith.

If this patent application is assigned, then the undersigned hereby authorizes the patent attorneys and patent agents named herein to accept and follow instructions from the assignee(s) as to any action to be taken in the

United States Patent and Trademark Office regarding this application without direct communication between the patent attorneys and patent agents and the undersigned. In the event of a change in the persons from whom instructions may be taken, at least one patent attorney or patent agent named herein will be so notified by the undersigned.

Direct all correspondence to (check one):

__X__ **Customer Number 59860**

__X__ **Correspondence Address Below:**

R. Alan Burnett
(Name of Attorney or Agent)
Law Office of R. Alan Burnett
4108 131st Ave SE
Bellevue, WA 98006
Telephone: (425) 562-0923
Email: ralanburnett@hotmail.com

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR: ☐ A petition has been filed for this unsigned inventor

Full Name: Gary B. Rohrabaugh
(Given Name (First and Middle [if any]), Family Name (or Surname), and Suffix [if any])

Inventor's Signature Gary B Rohrabaugh Date April 16th 2007

Residence Bellingham, WA, USA *(City, State, Country)* Citizenship USA *(Country)*

Mailing Address 3112 Maple Ridge Court, Bellingham, WA 98229

NAME OF SECOND INVENTOR: ☐ A petition has been filed for this unsigned inventor

Full Name: Scott A. Sherman
(Given Name (First and Middle [if any]), Family Name (or Surname), and Suffix [if any])

Inventor's Signature Scott Sherman Date April 18th 2007

Residence Seattle, WA, USA *(City, State, Country)* Citizenship USA *(Country)*

Mailing Address 201 Mcgraw Street, Seattle, WA 98109

Title 37, Code of Federal Regulations, Section 1.56
Duty to Disclose Information Material to Patentability

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

(1) Prior art cited in search reports of a foreign patent office in a counterpart application, and

(2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

(1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or

(2) It refutes, or is inconsistent with, a position the applicant takes in:

(i) Opposing an argument of unpatentability relied on by the Office, or

(ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

(1) Each inventor named in the application;

(2) Each attorney or agent who prepares or prosecutes the application; and

(3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

(e) In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Electronic Patent Application Fee Transmittal

Application Number:	11735477
Filing Date:	15-Apr-2007
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Filer:	R. Burnett
Attorney Docket Number:	005207.P001XC

Filed as Small Entity

Utility Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Late filing fee for oath or declaration	2051	1	65	65
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
			Total in USD ($)	**65**

Electronic Acknowledgement Receipt	
EFS ID:	1753078
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Correspondence Address:	LAW OFFICE OF R. ALAN BURNETT, PS - 4108 131ST AVE SE - BELLEVUE WA 98006 US 4255620923 -
Filer:	R. Burnett
Filer Authorized By:	
Attorney Docket Number:	005207.P001XC
Receipt Date:	07-MAY-2007
Filing Date:	15-APR-2007
Time Stamp:	23:37:25
Application Type:	Utility

Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	$65
RAM confirmation Number	1686

Deposit Account	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part /.zip	Pages (if appl.)
1	Oath or Declaration filed	Dec-POA_P001XC_Signed.pdf	1833089	no	4
Warnings:					
Information:					
2	Fee Worksheet (PTO-06)	fee-info.pdf	8181	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	1841270		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
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National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
11/735,477	04/15/2007	2176	2890	005207.P001XC	116	3

CONFIRMATION NO. 2104

LAW OFFICE OF R. ALAN BURNETT, PS
4108 131ST AVE SE
BELLEVUE, WA98006

UPDATED FILING RECEIPT

Date Mailed: 05/15/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

Applicant(s)

Gary B. Rohrabaugh, Bellingham, WA;
Scott A. Sherman, Seattle, WA;

Power of Attorney: The patent practitioners associated with Customer Number 59860

Domestic Priority data as claimed by applicant

This application is a CON of 09/878,097 06/08/2001 PAT 7,210,099
which is a CIP of 09/828,511 04/07/2001 ABN
and claims benefit of 60/211,019 06/12/2000
and claims benefit of 60/217,345 07/11/2000
This application 11/735,477
is a DIV of 09/878,097 06/08/2001 PAT 7,210,099
and is a DIV of 11/045,757 01/28/2005
and is a DIV of 11/045,649 01/28/2005

Foreign Applications

If Required, Foreign Filing License Granted: 05/03/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US11/735,477**

Projected Publication Date: 08/23/2007

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT

Preliminary Class

715

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	Application Number	11375477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	005207.P001XC

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	2	6674445	B1	2004-06-06	Chithambaram et al.	
	3	6300947	B1	2001-10-09	Kanevsky, Dimitri	
	4	5966135	A	1999-10-12	Roy et al.	
	5	6011905	A	2000-01-04	Huttenlocher et al.	
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	First Named Inventor	Rohrabaugh
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	Examiner Name	Not Yet Assigned
	Attorney Docket Number	005207.P001XC

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20050144256	A1	2005-06-30	Blumberg, Robert	
	2	20020112237	A1	2002-08-15	Ketts, Brett R.	
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	1	BENJAMIN B. BEDERSON ET AL., Pad++: A Zoomable Graphical Sketchpad For Exploring Alternate Interface Physics, September 19, 1995, http://www.cs.unm.edu/pad++	☐
	2	BENJAMIN B. BEDERSON ET AL., A Zooming Web Browser, SPIE 1996, http://www.cs.umd.edu/hcil/jazz/learn/papers/spie-96-webbrowser.pdf	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11375477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	005207.P001XC

	3	Specification for Simple Vector Format (SVF) v1.1 Jan. 16, 1995	☐
	4	Specification for Simple Vector Format (SFV) v2.0 Dec. 6, 2000, http://www.svf.org/spec.html	☐
	5	SVF XML http://www.svf.org/svfxml.html	☐
	6	Changes to SVF (Date unknown)	☐
	7	Scalable Vector Graphics (SVG) Specification, W3C Working Draft 11-February-1999 WD-SVG-19990211, http://www.w3.org/TR/1999/ WD-SVG-19990211/ (HTML format – initial page)	☐
	8	Scalable Vector Graphics (SVG) Specification, W3C Working Draft 12-April-1999 WD-SVG-19990412, http://www.w3.org/TR/1999/ WD-SVG-19990412/ (HTML format – initial page)	☐
	9	Scalable Vector Graphics (SVG) 1.0 Specification, W3C Candidate Recommendation 02 November 2000	☐
	10	Introduction to SVG, part of WD-SVG-19990211, http://www.w3.org/TR/1999/ WD-SVG-19990211/intro.html#Document…	☐
	11	W3C Scalable Vector Graphics (SVG) – History, http://www.w3.org/Graphics/SVG/History	☐
	12	STEVE MULDER, Sneak Peak at SVG, 4 March 1999, http://www.webmonkey.com/99/10/index3a.html?tw=eg1999102	☐
	13	JANUS BOYE, SVG Brings Fast Vector Graphics to Web, 29 July 1999 http://www.irt.org/articles/js176/	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11375477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	005207.P001XC

	14	Vector Markup Language (VML), World Wide Web Consortium Note 13-May-1998, NOTE-VML-19980513, http://www.w3.org/TR/1998/NOTE-VML_19980513	☐
	15	Vector Markup Language, http://en.wikipedia.org/wiki/Vector_Markup_Language	☐
	16	Precision Graphics Markup Language (PGML), World Wide Web Consortium Note 10-April-1998, NOTE-PGML-19980410, http://www.w3.org/TR/1998/NOTE-PGML-19980410	☐
	17	PCT International Search Report for International Application No. PCT/US01/40920, International Searching Authority, European Patent Office, Dec. 27, 2001.	☐
	18	PCT International Preliminary Exam Report for International Application No. PCT/US01/40920, International Preliminary Examining Authority, European Patent Office, Jun. 20, 2002.	☐

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11375477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	005207.P001XC

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

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☐ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ None

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A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/S/ R. Alan Burnett	Date (YYYY-MM-DD)	2007-08-05
Name/Print	R. Alan Burnett	Registration Number	46149

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EFS ID:	2048858
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Correspondence Address:	LAW OFFICE OF R. ALAN BURNETT, PS - 4108 131ST AVE SE - BELLEVUE WA 98006 US 4255620923 -
Filer:	R. Burnett
Filer Authorized By:	
Attorney Docket Number:	005207.P001XC
Receipt Date:	05-AUG-2007
Filing Date:	15-APR-2007
Time Stamp:	19:34:09
Application Type:	Utility under 35 USC 111(a)

Payment information:

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1	Information Disclosure Statement (IDS) Filed	P001XC_US_IDS_Form_SB_08a.pdf	985291 71e07783558fafa503f6bc6bd71e2a7e0ce0118c	no	6
Warnings:					
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2	NPL Documents	Pad_A_Zoomable_Graphical_Sketchpad.pdf	76948 a3aa0c2192506e136b6ff52386cc7b58ff9fae37	no	30
Warnings:					
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10	NPL Documents	Introduction_to_SVG.pdf	12718 92124924e058d982336d05b6c851af70866652d3	no	3
Warnings:					
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11	NPL Documents	SVG_1-0_Spec.pdf	4655090 760dbcb29e99f5b684f3a3dcf7982da6d863b619	no	513
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Warnings:					
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13	NPL Documents	Sneak_Peek_at_SVG_Webpage.pdf	58543 8c10c7e492f0865162278d41e513599f3ef3be97	no	3
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APPLICATION NUMBER	FILING OR 371(c) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/735,477	04/15/2007	Gary B. Rohrabaugh	005207.P001XC

CONFIRMATION NO. 2104

LAW OFFICE OF R. ALAN BURNETT, PS
4108 131ST AVE SE
BELLEVUE, WA98006

Title: RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT

Publication No. US-2007-0198916-A1
Publication Date: 08/23/2007

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Pre-Grant Publication Division, 703-605-4283

PTO/SB/122 (01-06)
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Application

Address to:
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Alexandria, VA 22313-1450

Application Number	11/735,477
Filing Date	April 15,2007
First Named Inventor	Gary Rohrabaugh
Art Unit	2176
Examiner Name	Not Assigned
Attorney Docket Number	005207.P001XC

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I am the:

☐ Applicant/Inventor

☐ Assignee of record of the entire interest.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

☒ Attorney or agent of record. Registration Number 46,149.

☐ Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number_____.

Signature */s/ R. Alan Burnett*

Typed or Printed Name R. Alan Burnett

Date December 8, 2007 | Telephone 425 562-0923

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

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7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
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Electronic Acknowledgement Receipt	
EFS ID:	2565843
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Correspondence Address:	LAW OFFICE OF R. ALAN BURNETT, PS - 4108 131ST AVE SE - BELLEVUE WA 98006 US 4255620923 -
Filer:	R. Burnett
Filer Authorized By:	
Attorney Docket Number:	005207.P001XC
Receipt Date:	09-DEC-2007
Filing Date:	15-APR-2007
Time Stamp:	00:32:32
Application Type:	Utility under 35 USC 111(a)

Payment information:

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Change of Address	P001XC_Change_of_Address.pdf	739589 d6d6bccc0c911aa0e00a808349f497ad228cd607	no	2
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99)**		
	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Herndon, Heather R
	Attorney Docket Number	005207.P001XC

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	5897644		2009-04-27	Nielson	
	2	6449639		2002-09-10	Blumberg	
	3	6456305		2002-09-24	Qureshi et al.	
	4	5615384		1997-03-25	Allard et al.	
	5	5952994		1999-09-14	Ong et al.	
	6	6553410		2003-04-22	Kikinis	
	7	6556217		2003-04-29	Mäkipää	
	8	6829746		2004-12-07	Schwerdtfeger et al.	

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	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Herndon, Heather R
	Attorney Docket Number	005207.P001XC

	9	6925595		2005-08-02	Whitledge et al.	
	10	6421733		2002-07-16	Tso et al.	
	11	6457030		2002-09-24	Adams et al.	
	12	7308649		2007-12-11	Ehrich et al.	

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	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Herndon, Heather R
	Attorney Docket Number	005207.P001XC

	1	Dennis, "Webraska Joins W3C for Next Generation Internet Graphics," Newsbytes, May 8, 2000	☐
	2	Fox et al. "Experience With Top Gun Wingman: A Proxy-Based Graphical Web Browser for the 3Com PalmPilot" Proceedings of Middleware '98, 1998	☐
	3	Jones et al. "From the large screen to the small screen – retaining the designer's design for effective user interaction," IEEE Colloquium on Issues for Networked Interpersonal Communicators, May 1997, pp. 3/1 – 3/4	☐
	4	Pacchiano, "Adobe's New View," Computer Shopper, Vol. 19, No. 4, Apr. 1999, p. 346	☐
	5	"TADPOLE TECHNOLOGY: ILOG technology within Tadpole's Cartesia Redline system making repairs simpler," M2 Presswire, Jan. 1999	☐
	6	Thryft, "Wireless link ramped for 'always on' Internet," EETimes, March 23, 1999	☐
	7	Bharadvaj et al., "An Active Transcoding Proxy to Support Mobile Web Access," Proc. of the IEEE Symposium on Reliable Distributed Systems, 1998	☐
	8	Björk, et al., "WEST: A Web Browser for Small Terminals," Proceedings of the 12 ACM symposium on User Interface Software and Technology (1999)	☐
	9	Holmquist, "The Zoom Browser," Human IT Tridskrift för studier av IT ur ett humanvetenskaplight perspektive, March, 1998.	☐

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	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Herndon, Heather R
	Attorney Docket Number	005207.P001XC

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Herndon, Heather R
	Attorney Docket Number	005207.P001XC

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/R. Alan Burnett/	Date (YYYY-MM-DD)	2009-04-18
Name/Print	R. Alan Burnett	Registration Number	46149

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Electronic Acknowledgement Receipt	
EFS ID:	5178145
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	59860
Filer:	R. Burnett
Filer Authorized By:	
Attorney Docket Number:	005207.P001XC
Receipt Date:	18-APR-2009
Filing Date:	15-APR-2007
Time Stamp:	02:15:17
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	P001XC_US_IDS_Form_SB_08a_pre2.pdf	551318 0c044b30838ff0956a66fbc609e0df58cbee058f	no	6
Warnings:					
Information:					

2	Foreign Reference	GB2344197A.pdf	2308365 32bee4b8a664e59027f4d8104a0a1455fa6ed5a5	no	60
Warnings:					
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3	NPL Documents	Webraska_Joins_W3C_for_Next_Generation_Internet_Graphics-PDFCreator.pdf	30367 5e61b504819d946880f78673423bb9734cb3cff7	no	2
Warnings:					
Information:					
4	NPL Documents	Experience_With_Top_Gun_Wingman.pdf	318446 8d04fbe5fc762a95e128a0e06c2ab957d766cf1d	no	18
Warnings:					
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5	NPL Documents	From_the_large_screen_to_the_small_screen-PDFCreator.pdf	415997 09f79df524b195692a682e50a7fbb3eee96e4b3d	no	4
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6	NPL Documents	Adobes_New_View-PDFCreator.pdf	36448 8d88f4d74d06fd6c92c2e90ee9e4754c2a645d82	no	3
Warnings:					
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7	NPL Documents	TADPOLE_TECHNOLOGY-PDFCreator.pdf	32936 7dbb2d868fba091d387707ea359c74471a01f58b	no	2
Warnings:					
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8	NPL Documents	EETimes-com-Wireless_link_ramped_for_always_on_Internet.pdf	231665 7411560e5b3e791395cdbfd642d90d76672de588	no	5
Warnings:					
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9	NPL Documents	An_active_transcoding_proxy_to_support_mobile_web_access.pdf	199615 0842c9a552019c81cac6400b2d78f332200566d3	no	6
Warnings:					
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10	NPL Documents	WEST_Browser.pdf	272449 da90d02be328a9a6eedd6f78ea54408228620201	no	10
Warnings:					
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11	NPL Documents	The_Zoom_Browser.pdf	350709 cd422c17a52f253c01bd3b8848228276e8a950ff	no	18

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R. Alan Burnett
Name of Person Filing Correspondence

/S/ R. Alan Burnett — November 28, 2009
Signature — Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	)	
Rohrabaugh et al.	)	Examiner: Herndon, Heather R.
	)	
Serial No. 11/735,477	)	Art Unit: 2176
	)	
Filed: April 15, 2007	)	
	)	
For: RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT	)	

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

Sir:

Applicants respectfully request the following preliminary amendments be entered for the above-identified application.

Amendments begin on page 2.

Remarks begin on page 9.

AMENDMENT

In the Specification

Please replace paragraph [0001] with the following amended paragraph:

[0001] This application is a Continuation of [[US]] U.S. Non-provisional Application No. 09/878,097, filed June 8, 2001, entitled "RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT," which is a Continuation-in-Part of U.S. Non-provisional Application No. 09/825,511, filed April 7, 2001, entitled "RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT," the benefit of the filing date of which is claimed under 35 U.S.C. § 120. This application further claims the benefit of the filing dates of U.S. Provisional Application No. 60/211,019, filed June 12, 2000, entitled "METHOD AND SYSTEM FOR RESOLUTION INDEPENDENT DISPLAY OF HTML AND XML CONTENT" and U.S. Provisional Application No. 60/217,345, filed July 11, 2000, entitled "METHOD AND SYSTEM FOR SELECTION, RETRIEVAL, AND CONVERSION OF COMPUTER CONTENT TO VECTOR FORMAT FOR RESOLUTION INDEPENDENT DISPLAY," under 35 U.S.C. § 119(e). The disclosure of each of the foregoing applications is incorporated by reference in its entirety herein for all purposes. ~~This application also contains subject matter related to Divisionals (of 09/878,097) U.S. Non-provisional Application Nos. 11/045,757 and 11/045,649, both entitled "RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT," and filed January 28, 2005.~~

Please add the following new paragraph after paragraph [0001]:

This application also contains subject matter related to Divisionals (of 09/878,097) U.S. Non-provisional Application Nos. 11/045,649 (issued as U.S. 7,584,423) entitled METHOD, PROXY AND SYSTEM TO SUPPORT FULL-PAGE WEB BROWSING ON HAND-HELD DEVICES, and 11/045,757 (issued as U.S. 7,461,353) entitled SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES, both filed January 28, 2005. This application also contains subject matter related to U.S. Non-provisional Application Nos. 11/735,482 filed on April 15, 2007, 11/738,486 filed on April 21, 2007, 11/738,932 filed on April 23, 2007, 11/868,124 filed on October 5, 2007, and 12/326,092 filed on December 1, 2008.

Please replace paragraph [0053] with the following amended paragraph:

[0053] In addition to HTML and other markup and scripting language content, it is very common for web pages to include graphical content. In general, graphical content is usually stored in an image file or files that are external from the parent HTML document for the web page. For example, the parent HTML document may contain one or more embedded image tags that reference the location where those images are stored. As before, the graphic images may be stored locally, or may be stored on remote servers that are accessed by the web server via a WAN, or the Internet. These files will typically comprise data stored in one of several well-known graphic formats, including bitmap files (BMP), GIF (Graphics Interchange Format) files, and JPEG (Joint Photographic Experts Group) ~~JPEG~~ files.

Please replace paragraph [0068] with the following amended paragraph:

[0068] The various content translators used by the proxy server accept (via HTTP PUT) or request (driven by HTTP proxy GET/POST) content in supported, but client-

unsupported, formats; and return (via HTTP PUT or GET/POST response) one or more representations of that content in a client-supported format. In the embodiments illustrated in FIGURE 1A-C, two translators are used: HTML translator 58 and image translator 60. Future content types may be accommodated by new translators, by extending existing translators to cover the new content types, or by extending the ~~clients~~ client's capabilities. Standard HTTP content negotiation mechanisms are used to inform the proxy server of the ~~clients~~ client's capabilities and expectations on each request.

Please replace paragraph [0076] with the following amended paragraph:

[0076] With reference to the flowchart of FIGURE 5, the process for translating the HTML content into a scalable vector representation proceeds as follows. The process is initiated when the proxy server receives the HTML corresponding to the parent document (and frame documents, if appropriate), whereupon a pre-rendering parsing of the HTML is performed to determine where to place the various objects on the display page in a block 150. For example, elements such as tables, column definitions, graphic images, paragraphs and line breaks are identified. If frames are included, each frame is examined in the sequential order it appears in the HTML document, or the order in which the HTML documents corresponding to the frames in a frameset are downloaded to the browser. During further processing, the actual objects are rendered in their respective positions. Some of these objects are rendered almost immediately, such as plain text, while other objects, such as graphic objects, must first be retrieved prior to being fully-rendered. With respect to tables, there are some instances in which [[the]] all of the objects corresponding to the cells in the table must be retrieved prior to rendering any of the table, while a well-designed table can be rendered incrementally. For example, by using Column grouping, the format of the corresponding table can be quickly determined by the browser. In some instances, one

or more bitmaps may actually need to be fetched before the page layout can be determined.

Please replace paragraph [0086] with the following amended paragraph:

[0086] The scalable vector representation is completed in a block 160, wherein a reference is created for each object that includes or links an object's content and attributes, such as object type (e.g., text, image), object typeface, and boundary box parameters, to the object's vector. For example, object 250B is a graphic image having a vector 250D and a bounding box that is 180 pixels high and 350 pixels wide, while object 252B is a graphic image having a vector 252D and a bounding box that includes a height of 200 pixels and a width of 350 pixels. [[.]] This enables client-side operations to be performed that only initially consider the vectors, wherein if it is determined that a vector's endpoint (and/or the bounding box corresponding to the object the vector points to) would appear off of a display, there is no need to retrieve the content and attribute data linked to the vector. This concept is explained in further detail in the following section.

Please replace paragraph [0090] with the following amended paragraph:

[0090] By enabling original content from a web site to be ~~displaced~~ displayed in such a resolution-independent manner, users will be able to view content in a manner that did not previously exist, greatly enhancing the user experience. For example, in some implementations the client may be a personal computer (PC). Using a least-common denominator approach, many web pages are designed for a smaller resolution (for example 640x480 pixels, a minimum resolution commonly supported by nearly all PC's, including legacy PC's) than the resolution provided by the video output capabilities available with many of today's PC's, such as 1024x768 pixels, 1280x1024 pixels, and even 1600x1200 pixels. As a result, when these web pages are displayed

on a high-resolution display, they occupy only a portion of the display, making portions of the pages, especially those portions containing small text, difficult to read. By enabling users to selectively magnify the entire page, these design flaws are easily overcome. Alternatively, the client may be a small device, such as a hand held computer or a cell phone, which has a smaller display resolution than common Web pages are designed for. As explained below, through use of the invention's scalable vector representation and client-side processing, users are enabled to view the entire content of billions of existing Web pages using hand-held devices in a simple and reasonable way.

Please replace paragraph [0093] with the following amended paragraph:

[0093] Next, in a block 166, the vectors and boundary boxes are processed based on the scale and offset, and a bounding box defining the limits of the display content is determined. The results of this step are shown in FIGURE 4F, while FIGURE 4G shows specific details ~~one~~ on how the vectors and bounding boxes corresponding to image objects 250B and ~~250B~~ 252B (now 250B' and 252B', respectively) are processed. Logically, there are generally two ways to scale and offset the rendered content. In one embodiment, vectors and bounding boxes are mapped to a virtual display area in memory that has much greater resolution (*e.g.*, 100,000x100,000 pixels) than any real display, and a virtual display limit bounding box is scaled and moved around over the virtual display area. Accordingly, during subsequent processing described below, objects falling within the display bounding box are rendered by reducing the scaling of those objects in the virtual display to how the objects will appear on the client device display relative to the virtual display bounding box. In the alternate, a fixed reference frame corresponding to the display resolution of the client device screen is maintained, wherein all vectors and bounding boxes are scaled and offset relative to the fixed reference frame. Each scheme has its advantages and disadvantages. One advantage of the second method is that the

display bounding box is always maintained to have a size that matches the resolution of the content display area on the client device.

In the Drawings

Please replace the drawing sheet for each drawing with the corresponding replacement sheet provided herewith. The primary purpose of the replacement sheets is to file the drawing sheets in native PDF format, as opposed to scanned PDF format, thus providing better quality and resolution for reproduction purposes. In addition, errant references to "XLM" in block 114 in each of FIGs 2A, 2B, and 2C have been replaced with "XML".

REMARKS

The present amendment is to correct minor inadvertent errors in the originally-filed application and drawings. Entry of this amendment is respectfully solicited.

Respectfully submitted,

LAW OFFICE OF R. ALAN BURNETT, PS

Date: November 28, 2009 /S/ R. Alan Burnett
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Reg. No. 46,149

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Electronic Acknowledgement Receipt

EFS ID:	6533093
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	59860
Filer:	R. Burnett
Filer Authorized By:	
Attorney Docket Number:	005207.P001XC
Receipt Date:	28-NOV-2009
Filing Date:	15-APR-2007
Time Stamp:	12:43:07
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	P001XC_Supplemental_IDS_Ltr.pdf	36894 afd260aaa7894095017d77af2cb700ee09062c09	no	4
Warnings:					
Information:					

2	Information Disclosure Statement (IDS) Filed (SB/08)	P001XC_US_IDS_Form_SB_08a_supp.pdf	525240 cca1b4fad6851562b5ec12bb4f91cdc32b4212b8	no	10
Warnings:					
Information:					
3	Foreign Reference	GB0009129.pdf	1216913 3001b582f162b406f2e74ab49a87408608b3edfd	no	34
Warnings:					
Information:					
4	Foreign Reference	JP10334082.pdf	782688 528acfd2b85cf463af39159b39957239dfa253b1	no	21
Warnings:					
Information:					
5	Foreign Reference	JP10334082_Machine_Translation.pdf	60283 6fd2c4e4317c34275bf7471222bac269948961fa	no	10
Warnings:					
Information:					
6	Foreign Reference	JP10334082_FIG_14-16.pdf	27160 dbb86dad766f8b8eb72630c9d228d9f668cb4540	no	3
Warnings:					
Information:					
7	NPL Documents	WD-SVG-19990211.pdf	31342 808ab253a0956c486dfce1133431737de3ba4fb6	no	6
Warnings:					
Information:					
8	NPL Documents	CZWeb.pdf	146896 786766c76cf53f28c40b16520f69f5d07be91554	no	5
Warnings:					
Information:					
9	NPL Documents	WebTV_Workshop_Submission_Paper-Spyglass.pdf	181250 c85c72c714ede590e51aa70fd51d7fc2dde09043	no	4
Warnings:					
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10	NPL Documents	Mobile_SVG-BitFlash_Inc.pdf	172781 09c855536881300d1d31d323676b5a7b387b2bcb	no	4
Warnings:					
Information:					

11	NPL Documents	Working_With_Autodesk_MapGuide-Articles.pdf	225647 1899f3c8a96ba3fc8b723fd28088883ce7b6863a	no	6
Warnings:					
Information:					
12	NPL Documents	09878097_Office_Actions.pdf	6062831 ec74b0854b9f74034a1cc262dafd8165d931eb18	no	69
Warnings:					
Information:					
13	NPL Documents	11045649_Office_Actions.pdf	3979987 f2f68645e284c5605b274cdbec4eb004d4b8ce53	no	53
Warnings:					
Information:					
14	NPL Documents	11045757_Office_Actions.pdf	5494848 6c239dc2937153d19b86bd876520fc7c9c93e806	no	68
Warnings:					
Information:					
15	NPL Documents	11738932_Office_Actions.pdf	3584183 19b4d71c6e1aab5cc4248e7f2b5a010e14130c86	no	47
Warnings:					
Information:					
16	NPL Documents	Navigating_Hierarchically_Clustered_Networks.pdf	1330737 292db97caf88ec8736bda5a6c5576be901f34b9b	no	20
Warnings:					
Information:					
17	NPL Documents	Flip_Zooming-Focus_Context_Visualization_of_Linearly_Ordered_Discrete_Visual_Structures.pdf	302763 fa18986269c8d4e61bccafd2600bcf2da2aeca0a	no	28
Warnings:					
Information:					
18	Preliminary Amendment	P001XC_Pre_Amd_2.pdf	46446 d85ce0fb0c7a7421bebbdd1aacb55a93f2abe92c	no	9
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New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Certificate of Electronic Filing

I hereby certify that this correspondence is being Electronically Filed via EFS on November 28, 2009
Date of Electronic Filing

R. Alan Burnett
Name of Person Filing Correspondence

/S/ R. Alan Burnett — November 28, 2009
Signature — Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	)	
Rohrabaugh et al.	)	Examiner: Herndon, Heather R.
	)	
Serial No. 11/735,477	)	Art Unit: 2176
	)	
Filed: April 15, 2007	)	
	)	
For: RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT	)	

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
37 C.F.R.§§ 1.56, 1.97, 1.98

Sir:

Submitted herewith electronically is a PTO/SB/08a Information Disclosure Statement Form. Applicants respectfully requests that the cited documents be considered and that the electronically submitted copies of the Information Disclosure Statement form PTO/SB/08a be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant. Copies of the new non-patent literature references listed on the forms (which were not identified during in a previous IDS submission) are also being submitted electronically.

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as an admission that the information cited in this statement is material to patentability. Additionally, as to any reference supplied applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method.

In accordance with the decision in *McKesson Information Solutions, Inc. v. Bridge Medical, Inc.,* 487 F.3d 897 (Fed. Cir. 2007), applicants also submit herewith electronically copies of official actions issued by the USPTO for applications related to the present application (*i.e.*, applications in the same family). The following table lists all current related applications in the family, with the application for which the present IDS is being submitted shown in bold. Applicants note that the entire file histories for each of the applications listed below are available internally at the USPTO. However, applicants will provide an electronic copy of any action, response, reference, or any other paper in the file history of any of the application if so requested.

Application No.	Filing Date	Relationship	Status
60/211,345	06-12-2000	Provisional Application	Expired
60/217,345	07-11-2000	Provisional Application	Expired
09/828,511	04-07-2001	Original Non-provisional application	Abandoned
09/878,097	06-08-2001	Continuation-in-part of 09/828,511	7,210,099
11/045,649	01-28-2005	Divisional of 09/878,097	7,584,423
11/045,757	01-28-2005	Divisional of 09/878,097	7,461,353
11/735,477	**04-15-2007**	**Continuation of 09/878,097**	**Awaiting First Action**
11/735,482	04-15-2007	Continuation of 09/878,097	Awaiting First Action
11/738,486	04-21-2007	Continuation of 09/878,097	Awaiting First Action
11/738,932	04-23-2007	Continuation of 09/878,097	Non-Final Action
11/868,124	10-05-2007	Division of 11/045,757	Awaiting First Action
12/326,092	12-01-2008	Continuation of 11/045,757	Awaiting First Action

Submission of the USPTO Actions issued for the foregoing applications does not indicate that the Applicants agree with any rejection thereon, or in any position taken by an Examiner.

References 16-37 in the Non-patent Literature Documents Section of this PTO/SB/08a submission contain updated descriptions of previously submitted

references. Specifically, page numbers are now listed for most of the updated reference descriptions. It is noted that some of the references do not have explicit page numbers. For these references, a notation of "entirety (pages not numbered)" is provided. In consideration of not duplicating previous document submissions, electronic copies of the references corresponding to the updated descriptions are not re-submitted herewith.

A machine translation of the text for Japanese published application document JP10-334082 is submitted herewith in addition to the published application in its original Japanese language form. In addition, translations of the flowcharts of FIGs 14-16 are submitted herewith.

Respectfully submitted,

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PTO/SB/08a (08-03)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99)**		
	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Herndon, Heather R
	Attorney Docket Number	005207.P001XC

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	5956025		1999-09-21	Goulden et al.	
	2	6076166		2000-06-13	Moshfeghi et al.	
	3	6211856		2001-04-03	Choi et al.	
	4	6456308		2002-09-24	Agranet et al.	
	5	6466203		2002-10-15	Van Ee	
	6	6546397		2003-04-08	Rempell	
	7	6615212		2003-09-02	Dutta et al.	
	8	6781600		2004-08-24	Anwar	

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	Examiner Name	Herndon, Heather R
	Attorney Docket Number	005207.P001XC

	9	6886034		2005-04-26	Blumberg	
	10	6978418		2005-12-20	Bain et al.	
	11	6996533		2006-02-07	Ikeda et al.	
	12	7023572		2006-04-04	Tuli	
	13	7055095		2006-05-30	Anwar	
	14	7072984		2006-07-04	Polonsky et al.	
	15	7219309		2007-05-15	Kaasila et al.	
	16	7450114		2008-11-11	Anwar	

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Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20010015719		2001-08-23	Van Ee et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
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	Examiner Name	Herndon, Heather R
	Attorney Docket Number	005207.P001XC

	2	20020023110		2002-02-21	Fortin et al.			
	3	20020030699		2002-03-14	Van Ee			
	4	20020158908		2002-10-31	Vaajala et al.			
	5	20040049598		2004-05-11	Tucker et al.			

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Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1	0009129.8	GB		2000-04-14	Picsel Technologies Limited	7-10, 12, 13, 15, 17 Fig. 1	☐
	2	10-334082	JP	A	1998-12-18	A Hong Kong Company - name could not be translated	Figs. 14-16 and corresponding text in machine translation	☒

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NON-PATENT LITERATURE DOCUMENTS Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1	US Provisional Application No. 60/288,287 Available on PAIR	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
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	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Herndon, Heather R
	Attorney Docket Number	005207.P001XC

	2	US Provisional Application No. 60/296,275 Available on PAIR	☐
	3	US Provisional Application No. 60/296,237 Available on PAIR	☐
	4	US Provisional Application No. 60/296,274 Available on PAIR	☐
	5	US Provisional Application No. 60/296,284 Available on PAIR	☐
	6	US Provisional Application No. 60/296,231 Available on PAIR	☐
	7	US Provisional Application No. 60/296,224 Available on PAIR	☐
	8	US Provisional Application No. 60/296,426 Available on PAIR	☐
	9	US Provisional Application No. 60/296,273 Available on PAIR	☐
	10	US Provisional Application No. 60/296,283 Available on PAIR	☐
	11	US Provisional Application No. 60/296,281 Available on PAIR	☐
	12	US Provisional Application No. 60/296,327 Available on PAIR	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
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	First Named Inventor	Rohrabaugh
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	Attorney Docket Number	005207.P001XC

	13	Scalable Vector Graphics (SVG) Specification W3C Working Draft 11-February-1999 http://www.w3.org/TR/1999/WD-SVG-19990211/--Pub Feb. 11, 1999 by W3C pp. 1-7	☐
	14	Fisher, B., G. Agelidis, J. Dill, P. Tan, G. Collaud and C. Jones. "CZWeb: Fish-Eye Views for Visualiziang the World-Wide Web", Proc. Seventh Int. Conf. on Human-Computer Interaction (HCI International '97), pp 719-722, 1997.	☐
	15	US Provisional Application No. 60/203,494 Available on PAIR Filing date May 11, 2000	☐
	16	BENJAMIN B. BEDERSON ET AL., Pad++: A Zoomable Graphical Sketchpad For Exploring Alternate Interface Physics, September 19, 1995, pp 1-30, http://www.cs.unm.edu/pad++	☐
	17	BENJAMIN B. BEDERSON ET AL., A Zooming Web Browser, SPIE 1996, http://www.cs.umd.edu/hcil/jazz/learn/papers/spie-96-webbrowser.pdf, entirety (pages not numbered)	☐
	18	Specification for Simple Vector Format (SVF) v1.1 Jan. 16, 1995, pp 1-9	☐
	19	Specification for Simple Vector Format (SFV) v2.0 Dec. 6, 2000, http://www.svf.org/spec.html, pp 1-20	☐
	20	SVF XML http://www.svf.org/svfxml.html, pp 1-18	☐
	21	Changes to SVF (Date unknown), pp 1-2	☐
	22	Scalable Vector Graphics (SVG) 1.0 Specification, W3C Candidate Recommendation 02 November 2000, pp 1-513	☐
	23	Introduction to SVG, part of WD-SVG-19990211, http://www.w3.org/TR/1999/ WD-SVG-19990211/intro.html#Document..., pp 1-3	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
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	Art Unit	2176
	Examiner Name	Herndon, Heather R
	Attorney Docket Number	005207.P001XC

	24	W3C Scalable Vector Graphics (SVG) – History, http://www.w3.org/Graphics/SVG/History, pp 1-18	☐
	25	JANUS BOYE, SVG Brings Fast Vector Graphics to Web, 29 July 1999 http://www.irt.org/articles/js176/, pp 1-5	☐
	26	Vector Markup Language (VML), World Wide Web Consortium Note 13-May-1998, NOTE-VML-19980513, http://www.w3.org/TR/1998/NOTE-VML_19980513, pp 1-47	☐
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	29	PCT International Search Report for International Application No. PCT/US01/40920, International Searching Authority, European Patent Office, Dec. 27, 2001, pp 1-8	☐
	30	PCT International Preliminary Exam Report for International Application No. PCT/US01/40920, International Preliminary Examining Authority, European Patent Office, Jun. 20, 2002, pp 1-5	☐
	31	Dennis, "Webraska Joins W3C for Next Generation Internet Graphics," Newsbytes, May 8, 2000, entirety (pages not numbered)	☐
	32	Fox et al. "Experience With Top Gun Wingman: A Proxy-Based Graphical Web Browser for the 3Com PalmPilot" Proceedings of Middleware '98, 1998, entirety (pages not numbered)	☐
	33	"TADPOLE TECHNOLOGY: ILOG technology within Tadpole's Cartesia Redline system making repairs simpler," M2 Presswire, Jan. 1999, entirety (pages not numbered)	☐
	34	Thryft, "Wireless link ramped for 'always on' Internet," EETimes, March 23, 1999, pp 1-4	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
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	Art Unit	2176
	Examiner Name	Herndon, Heather R
	Attorney Docket Number	005207.P001XC

	35	Bharadvaj et al., "An Active Transcoding Proxy to Support Mobile Web Access," Proc. of the IEEE Symposium on Reliable Distributed Systems, 1998, entirety (pages not numbered)	☐
	36	Björk, et al., "WEST: A Web Browser for Small Terminals," Proceedings of the 12 ACM symposium on User Interface Software and Technology (1999), entirety (pages not numbered)	☐
	37	Holmquist, "The Zoom Browser," Human IT Tridskrift för studier av IT ur ett humanvetenskaplight perspektive, March, 1998, pp 1-18	☐
	38	Chapple, "Rethinking the role of an embedded Internet client in digital set-top boxes," WebTV Workshop Submission Paper, June, 1998, http://www.w3.org/Architecture/1998/06/Workshop/paper11/, pp 1-4	☐
	39	Graham, "Mobile SVG at BitFlash Inc.", May 2001, http://www.w3.org/Talks/2002/1007-DI-Helsinki/bitflash/index.html, pp 1-4	☐
	40	Koncz, "Working with Autodesk Mapguide," November 2000, http://www.directionsmag.com/article.php?article_id=77&trv=1, pp 1-6	☐
	41	Official USPTO Actions for Application Serial No. 09/878,097	☐
	42	Official USPTO Actions for Application Serial No. 11/045,649	☐
	43	Official USPTO Actions for Application Serial No. 11/045,757	☐
	44	Official USPTO Actions for Application Serial No. 11/738,932	☐
	45	Schaffer et al- "Navigating Hierarchically Cluster Networks through Fisheye and Full-Zoom Methods," 03/24/1988- pp 1-20	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Herndon, Heather R
	Attorney Docket Number	005207.P001XC

	46	Holmquist "Flip Zooming: Focus+Context Visualization of Linearly Ordered Discrete Visual Structures," Published 2000, pp 27-53	☐

If you wish to add additional non-patent literature document citation information please click the Add button Add

EXAMINER SIGNATURE			
Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
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	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Herndon, Heather R
	Attorney Docket Number	005207.P001XC

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/R. Alan Burnett/	Date (YYYY-MM-DD)	2009-11-27
Name/Print	R. Alan Burnett	Registration Number	46149

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

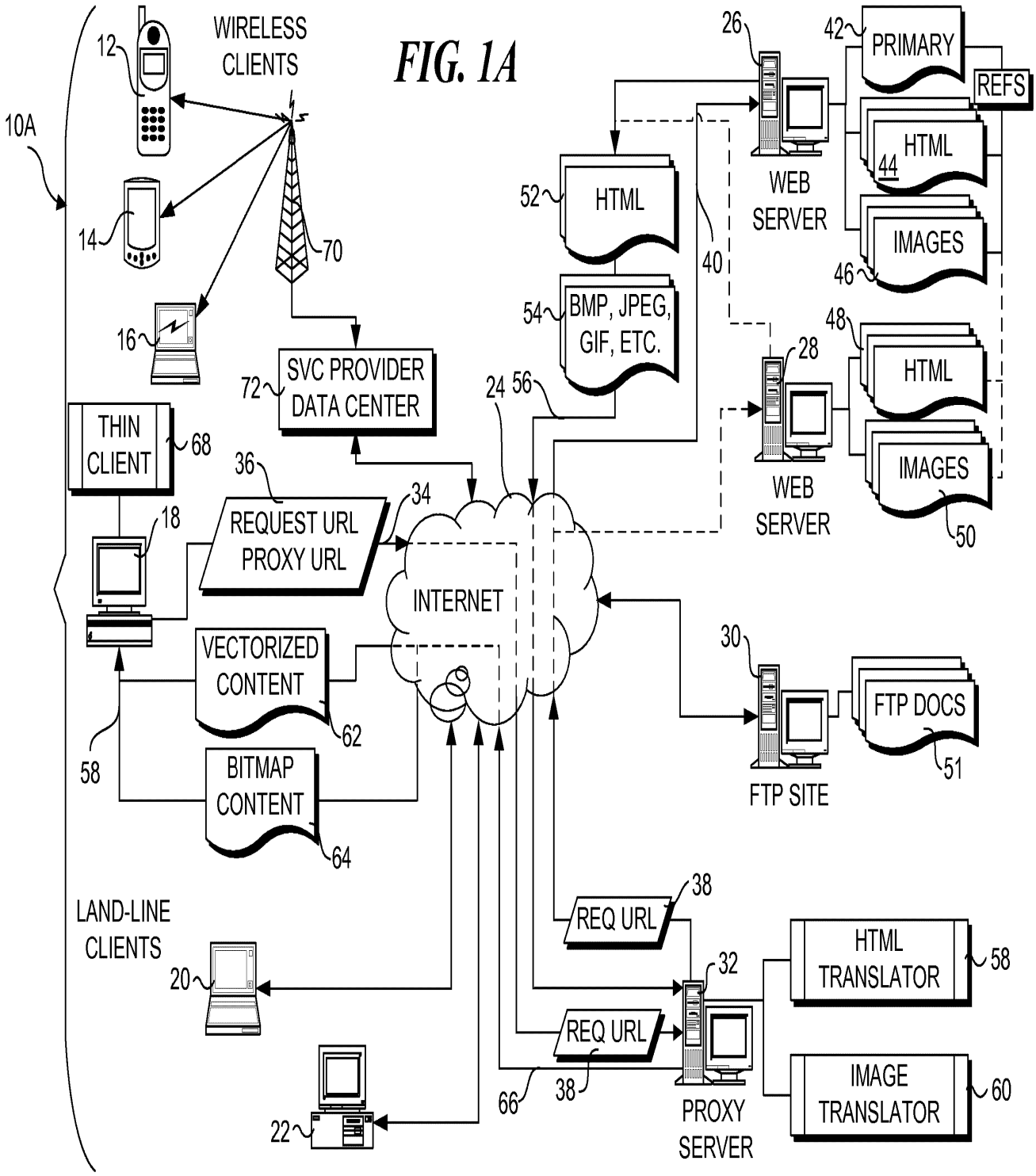


FIG. 1A

Replacement Sheet

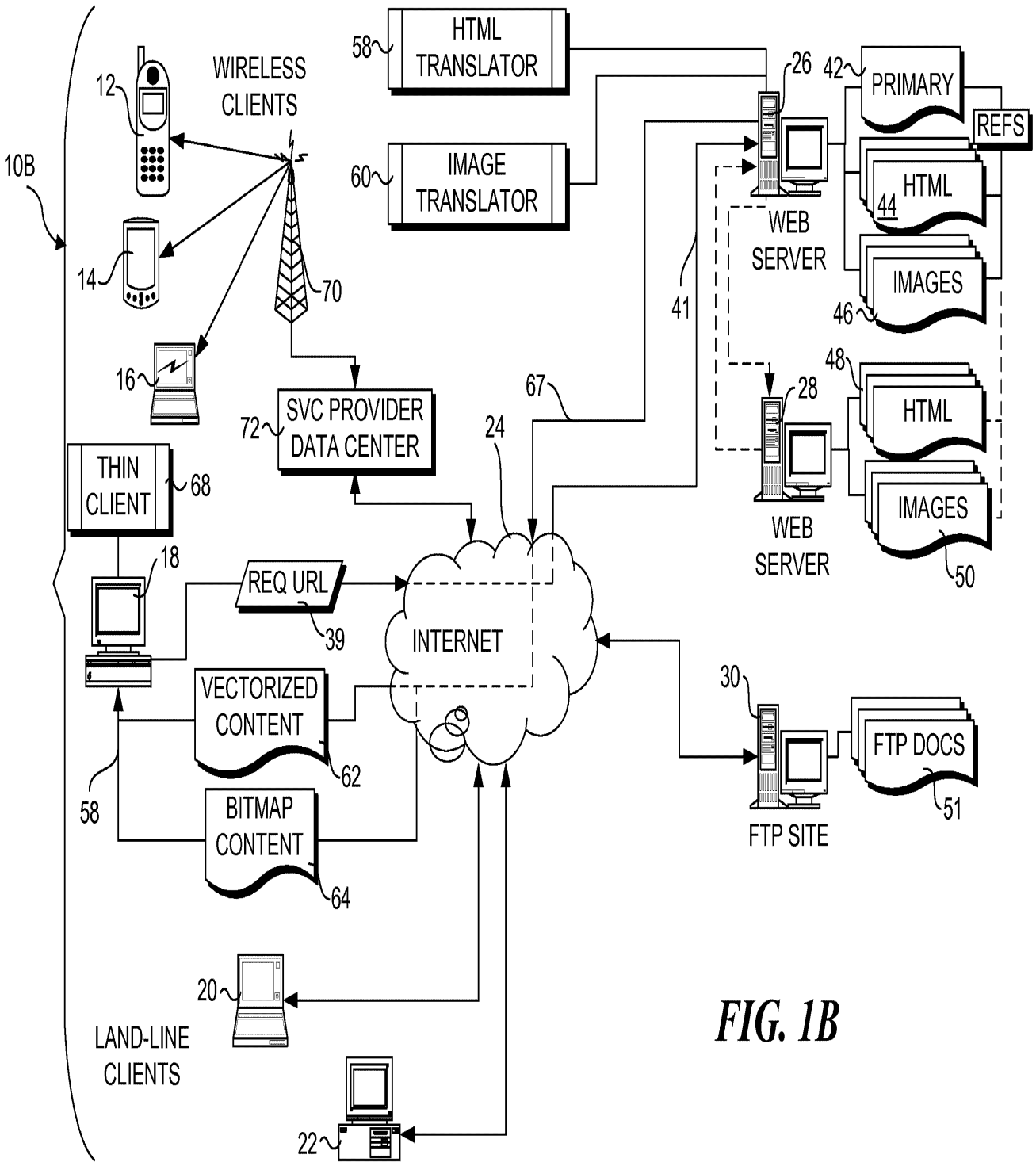


FIG. 1B

Replacement Sheet

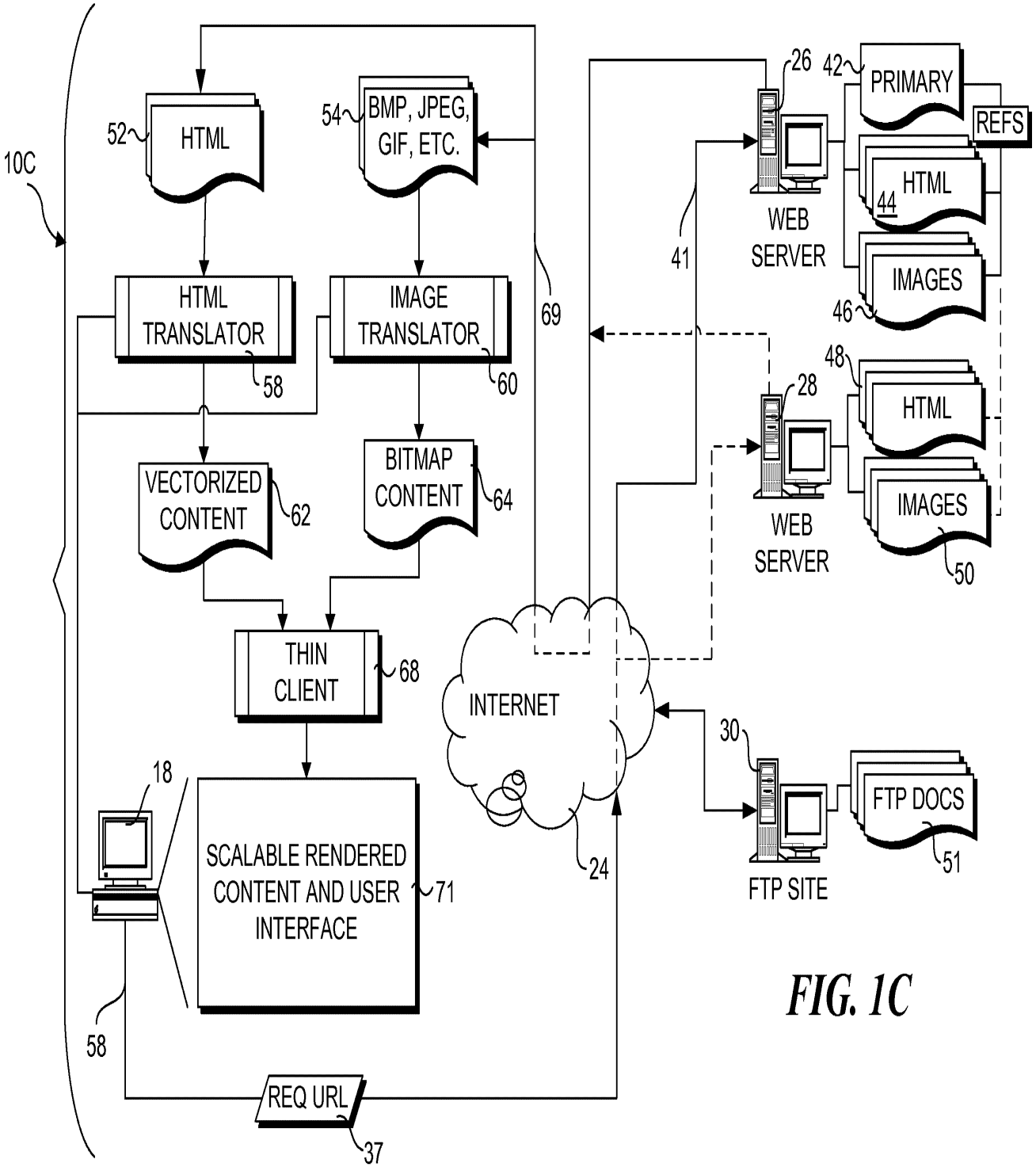


FIG. 1C

Replacement Sheet

FIG. 2A

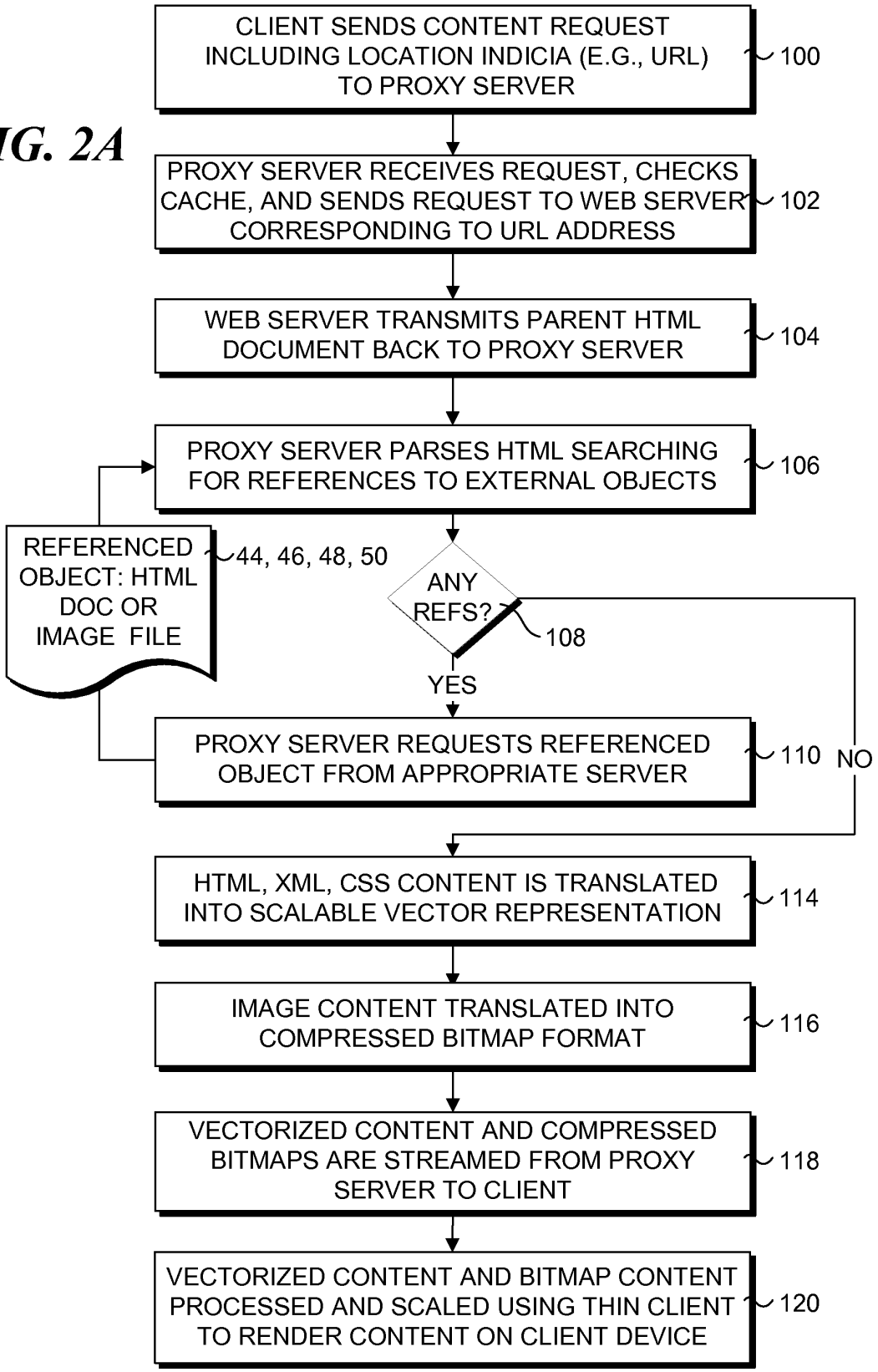

CLIENT SENDS CONTENT REQUEST INCLUDING LOCATION INDICIA (E.G., URL) TO PROXY SERVER
100
PROXY SERVER RECEIVES REQUEST, CHECKS CACHE, AND SENDS REQUEST TO WEB SERVER CORRESPONDING TO URL ADDRESS
102
WEB SERVER TRANSMITS PARENT HTML DOCUMENT BACK TO PROXY SERVER
104
PROXY SERVER PARSES HTML SEARCHING FOR REFERENCES TO EXTERNAL OBJECTS
106
REFERENCED OBJECT: HTML DOC OR IMAGE FILE
44, 46, 48, 50
ANY REFS?
108
YES
NO
PROXY SERVER REQUESTS REFERENCED OBJECT FROM APPROPRIATE SERVER
110
HTML, XML, CSS CONTENT IS TRANSLATED INTO SCALABLE VECTOR REPRESENTATION
114
IMAGE CONTENT TRANSLATED INTO COMPRESSED BITMAP FORMAT
116
VECTORIZED CONTENT AND COMPRESSED BITMAPS ARE STREAMED FROM PROXY SERVER TO CLIENT
118
VECTORIZED CONTENT AND BITMAP CONTENT PROCESSED AND SCALED USING THIN CLIENT TO RENDER CONTENT ON CLIENT DEVICE
120

FIG. 2B

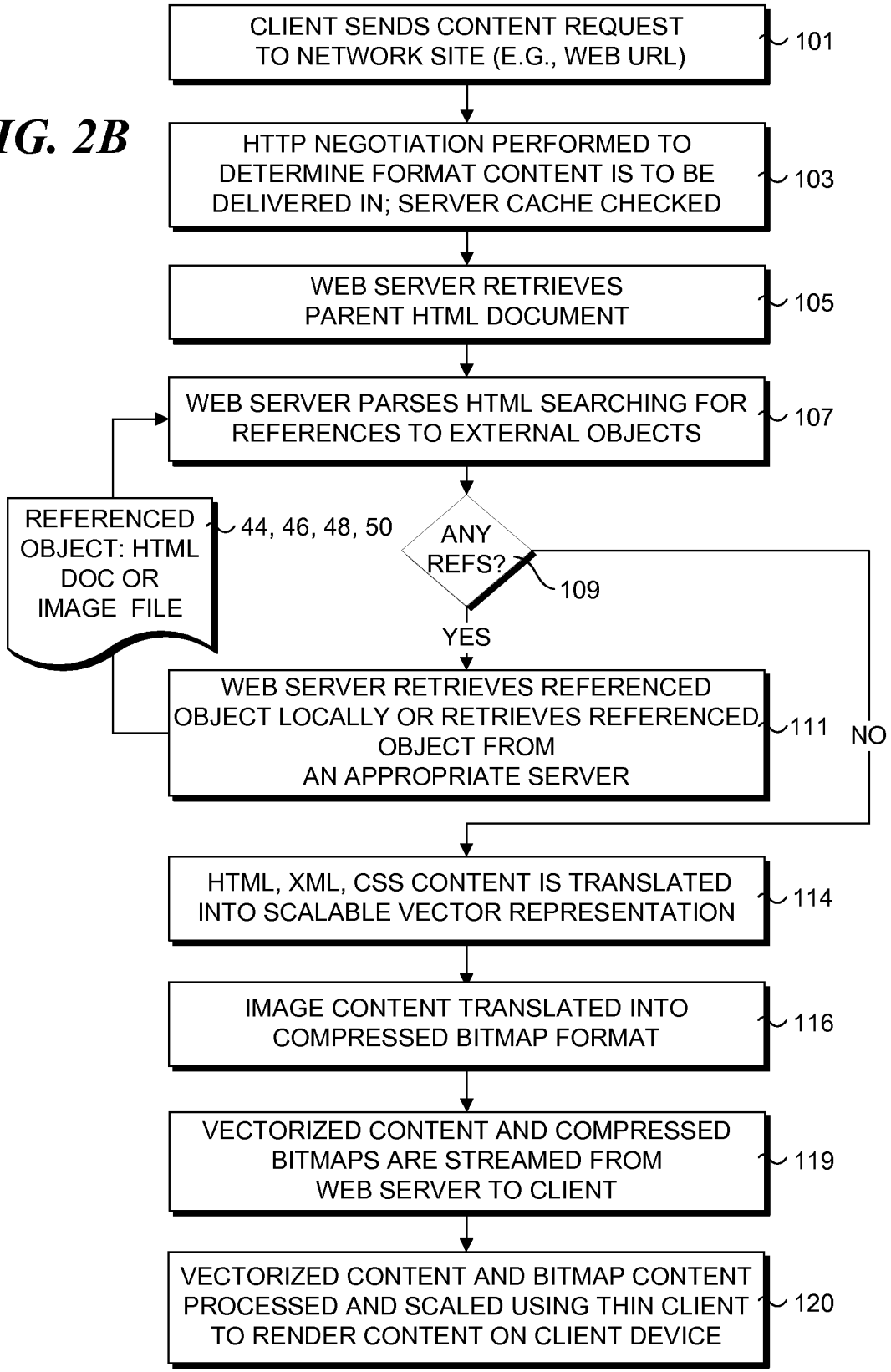
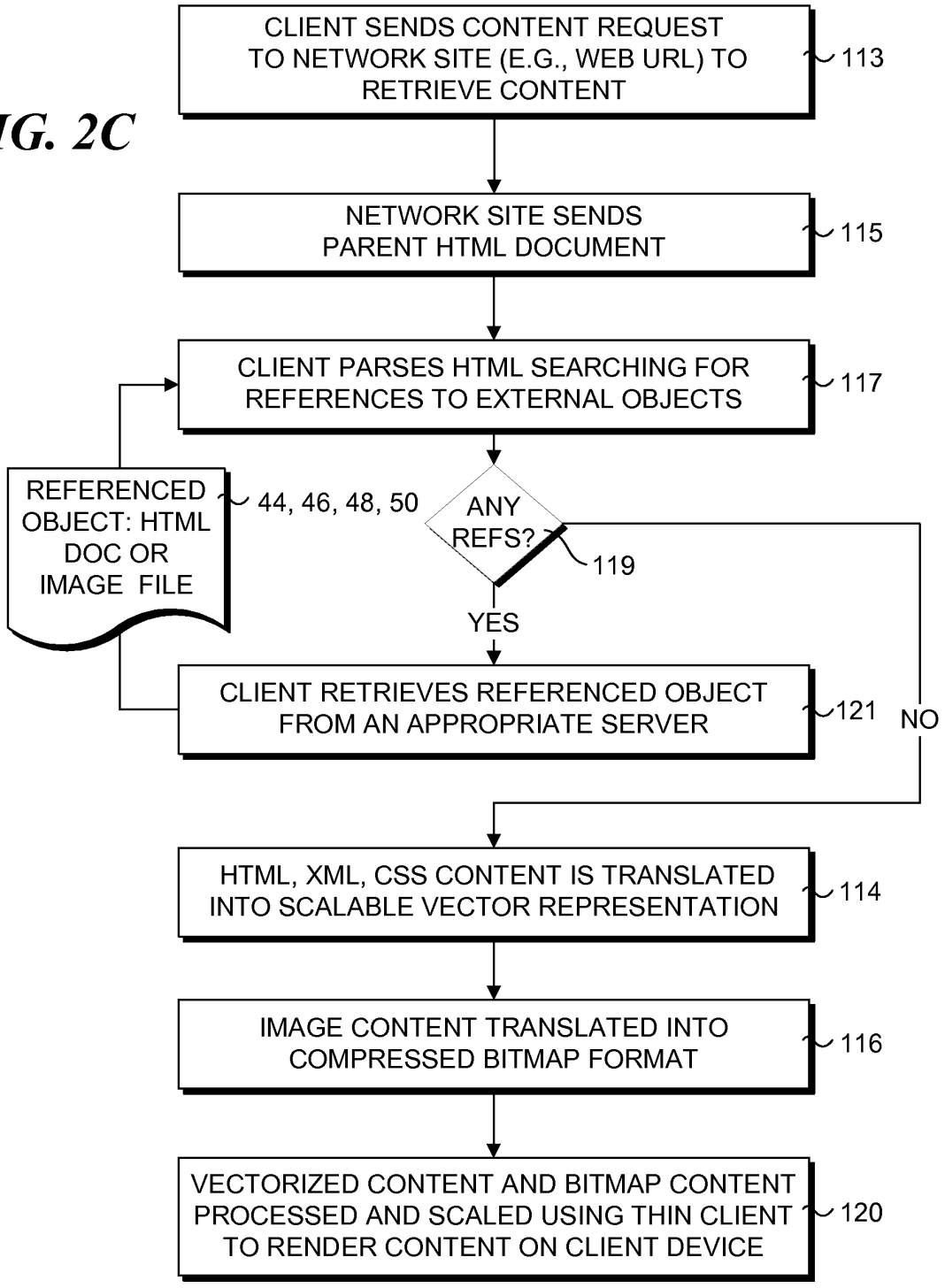

CLIENT SENDS CONTENT REQUEST TO NETWORK SITE (E.G., WEB URL)
101
HTTP NEGOTIATION PERFORMED TO DETERMINE FORMAT CONTENT IS TO BE DELIVERED IN; SERVER CACHE CHECKED
103
WEB SERVER RETRIEVES PARENT HTML DOCUMENT
105
WEB SERVER PARSES HTML SEARCHING FOR REFERENCES TO EXTERNAL OBJECTS
107
REFERENCED OBJECT: HTML DOC OR IMAGE FILE
44, 46, 48, 50
ANY REFS?
109
YES
NO
WEB SERVER RETRIEVES REFERENCED OBJECT LOCALLY OR RETRIEVES REFERENCED OBJECT FROM AN APPROPRIATE SERVER
111
HTML, XML, CSS CONTENT IS TRANSLATED INTO SCALABLE VECTOR REPRESENTATION
114
IMAGE CONTENT TRANSLATED INTO COMPRESSED BITMAP FORMAT
116
VECTORIZED CONTENT AND COMPRESSED BITMAPS ARE STREAMED FROM WEB SERVER TO CLIENT
119
VECTORIZED CONTENT AND BITMAP CONTENT PROCESSED AND SCALED USING THIN CLIENT TO RENDER CONTENT ON CLIENT DEVICE
120

FIG. 2C


CLIENT SENDS CONTENT REQUEST TO NETWORK SITE (E.G., WEB URL) TO RETRIEVE CONTENT
113
NETWORK SITE SENDS PARENT HTML DOCUMENT
115
CLIENT PARSES HTML SEARCHING FOR REFERENCES TO EXTERNAL OBJECTS
117
REFERENCED OBJECT: HTML DOC OR IMAGE FILE
44, 46, 48, 50
ANY REFS?
119
YES
NO
CLIENT RETRIEVES REFERENCED OBJECT FROM AN APPROPRIATE SERVER
121
HTML, XML, CSS CONTENT IS TRANSLATED INTO SCALABLE VECTOR REPRESENTATION
114
IMAGE CONTENT TRANSLATED INTO COMPRESSED BITMAP FORMAT
116
VECTORIZED CONTENT AND BITMAP CONTENT PROCESSED AND SCALED USING THIN CLIENT TO RENDER CONTENT ON CLIENT DEVICE
120

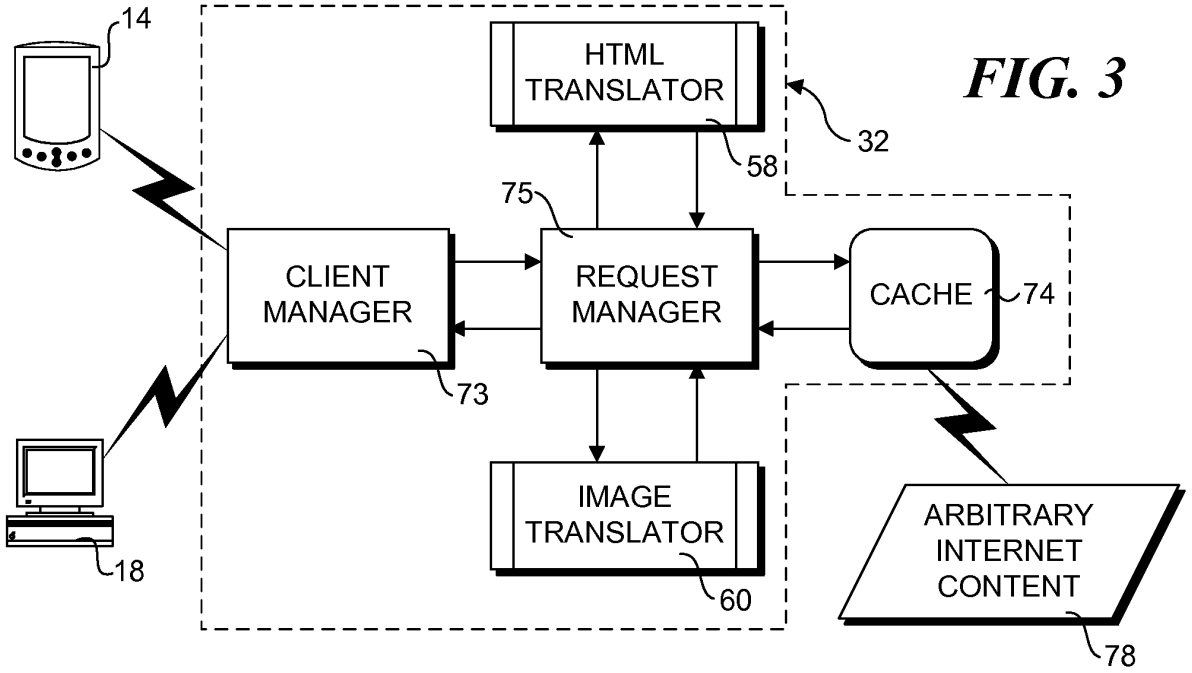

14
HTML TRANSLATOR
32
58
75
CLIENT MANAGER
REQUEST MANAGER
CACHE
74
73
IMAGE TRANSLATOR
60
ARBITRARY INTERNET CONTENT
78
18

FIG. 3

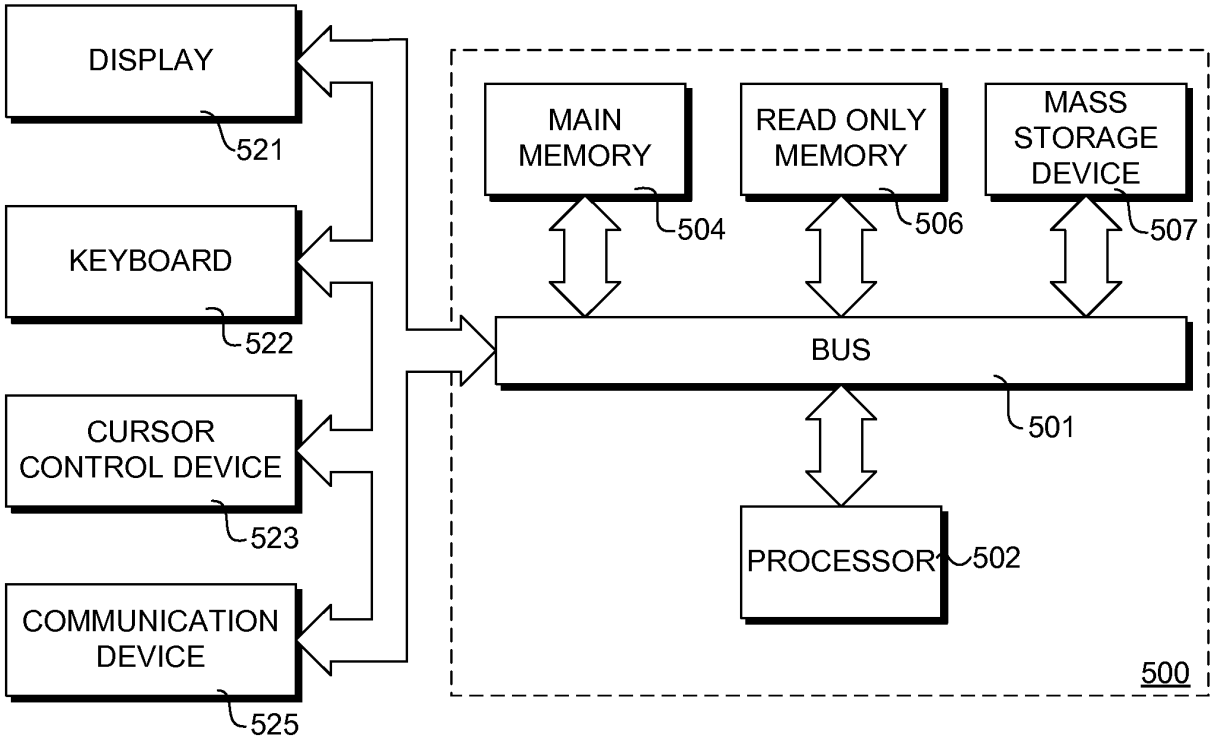

DISPLAY
521
KEYBOARD
522
CURSOR CONTROL DEVICE
523
COMMUNICATION DEVICE
525
MAIN MEMORY
504
READ ONLY MEMORY
506
MASS STORAGE DEVICE
507
BUS
501
PROCESSOR
502
500

FIG. 10

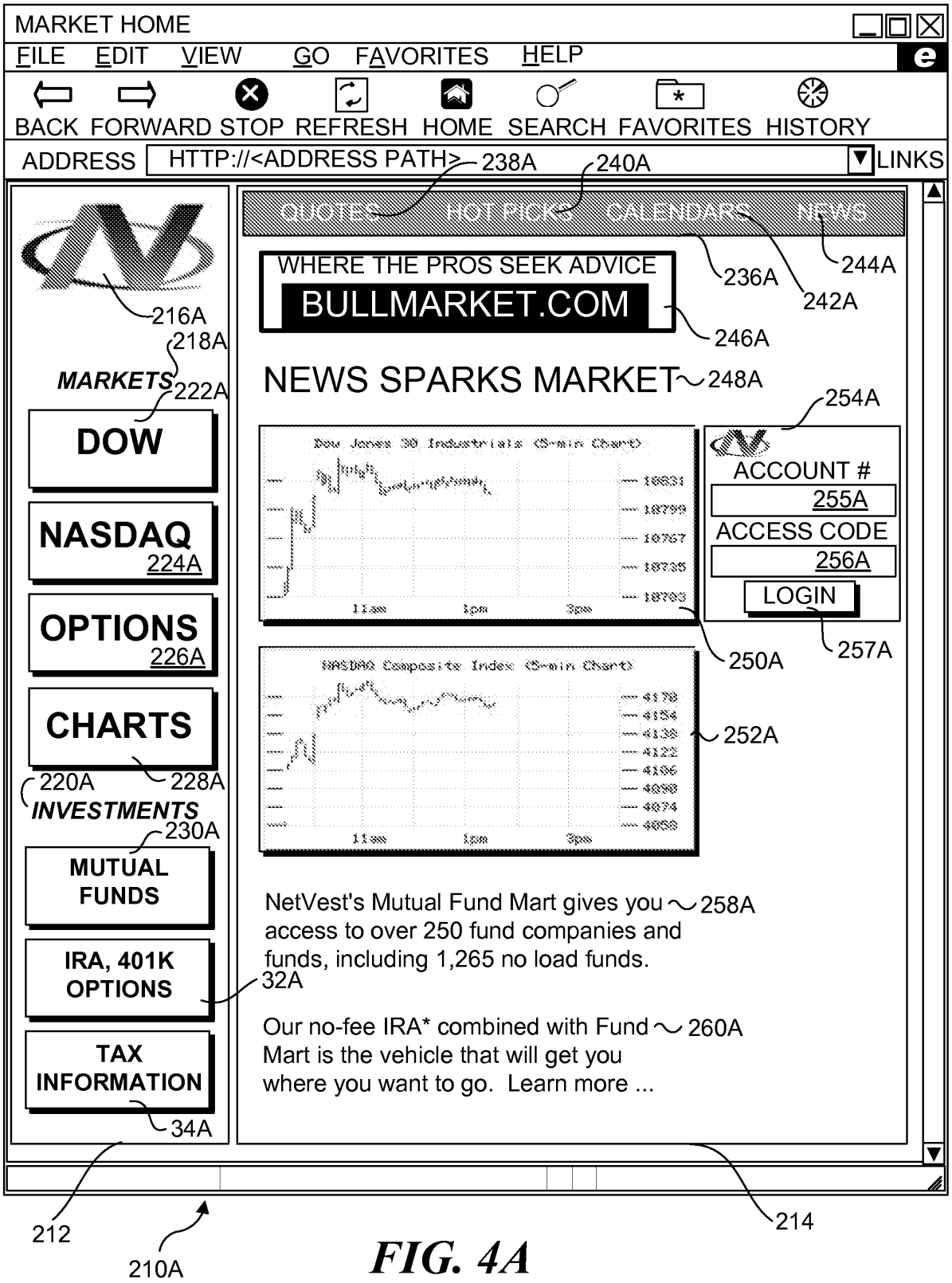

MARKET HOME
FILE EDIT VIEW GO FAVORITES HELP
BACK FORWARD STOP REFRESH HOME SEARCH FAVORITES HISTORY
ADDRESS HTTP://<ADDRESS PATH>
LINKS
238A
240A
QUOTES
HOT PICKS
CALENDARS
NEWS
244A
236A
242A
WHERE THE PROS SEEK ADVICE
BULLMARKET.COM
246A
216A
218A
MARKETS
222A
DOW
NASDAQ
224A
OPTIONS
226A
CHARTS
220A
228A
INVESTMENTS
230A
MUTUAL FUNDS
IRA, 401K OPTIONS
32A
TAX INFORMATION
34A
NEWS SPARKS MARKET
248A
254A
ACCOUNT #
255A
ACCESS CODE
256A
LOGIN
257A
250A
252A
NetVest's Mutual Fund Mart gives you access to over 250 fund companies and funds, including 1,265 no load funds.
258A
Our no-fee IRA* combined with Fund Mart is the vehicle that will get you where you want to go. Learn more ...
260A
212
210A
214

FIG. 4A

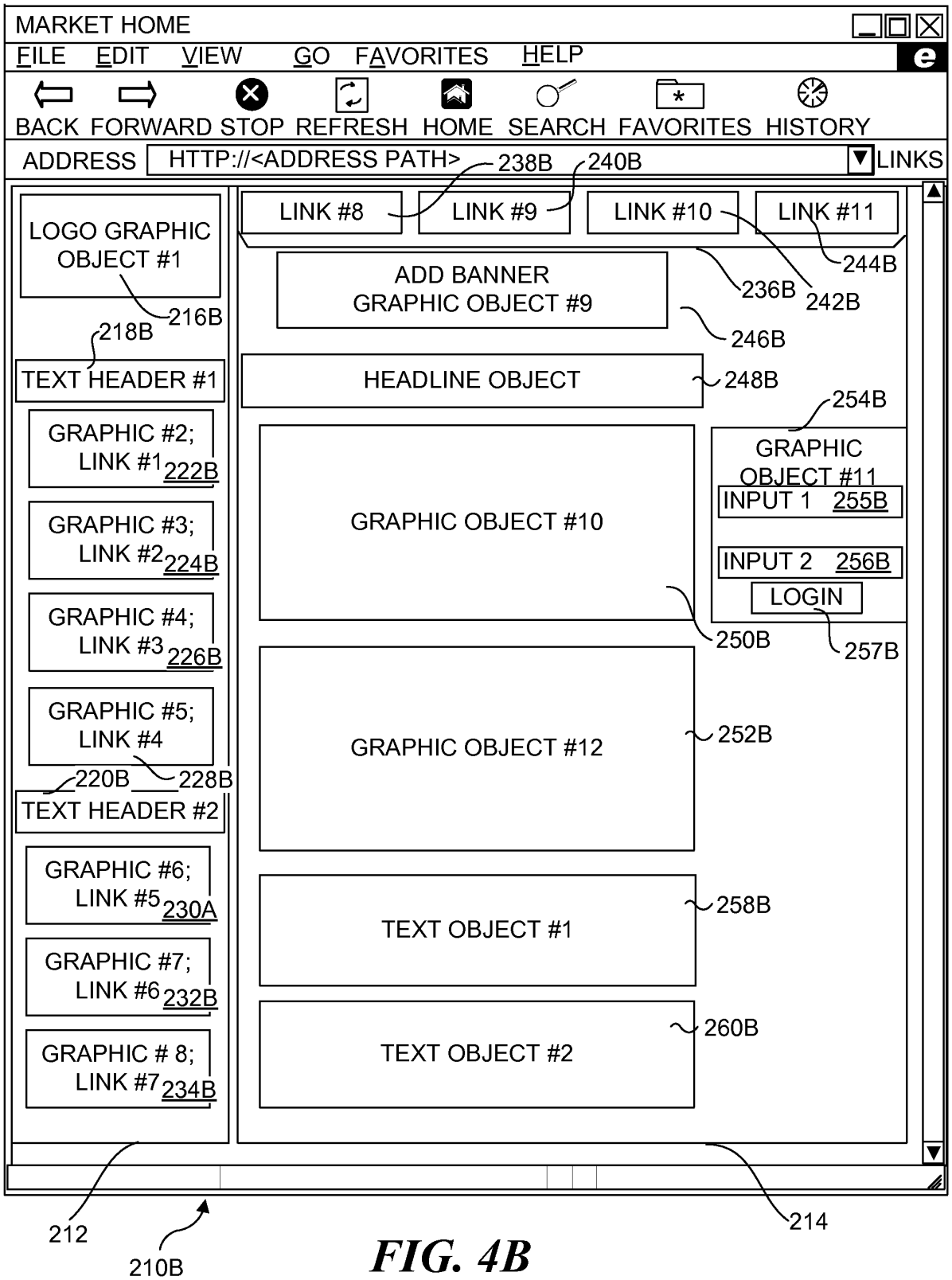

MARKET HOME
FILE EDIT VIEW GO FAVORITES HELP
BACK FORWARD STOP REFRESH HOME SEARCH FAVORITES HISTORY
ADDRESS HTTP://<ADDRESS PATH>
LINKS
238B
240B
LOGO GRAPHIC OBJECT #1
216B
218B
TEXT HEADER #1
GRAPHIC #2; LINK #1 222B
GRAPHIC #3; LINK #2 224B
GRAPHIC #4; LINK #3 226B
GRAPHIC #5; LINK #4
220B
228B
TEXT HEADER #2
GRAPHIC #6; LINK #5 230A
GRAPHIC #7; LINK #6 232B
GRAPHIC # 8; LINK #7 234B
LINK #8
LINK #9
LINK #10
LINK #11
244B
ADD BANNER GRAPHIC OBJECT #9
236B
242B
246B
HEADLINE OBJECT
248B
254B
GRAPHIC OBJECT #10
GRAPHIC OBJECT #11
INPUT 1 255B
INPUT 2 256B
LOGIN
250B
257B
GRAPHIC OBJECT #12
252B
TEXT OBJECT #1
258B
TEXT OBJECT #2
260B
212
210B
214

FIG. 4B

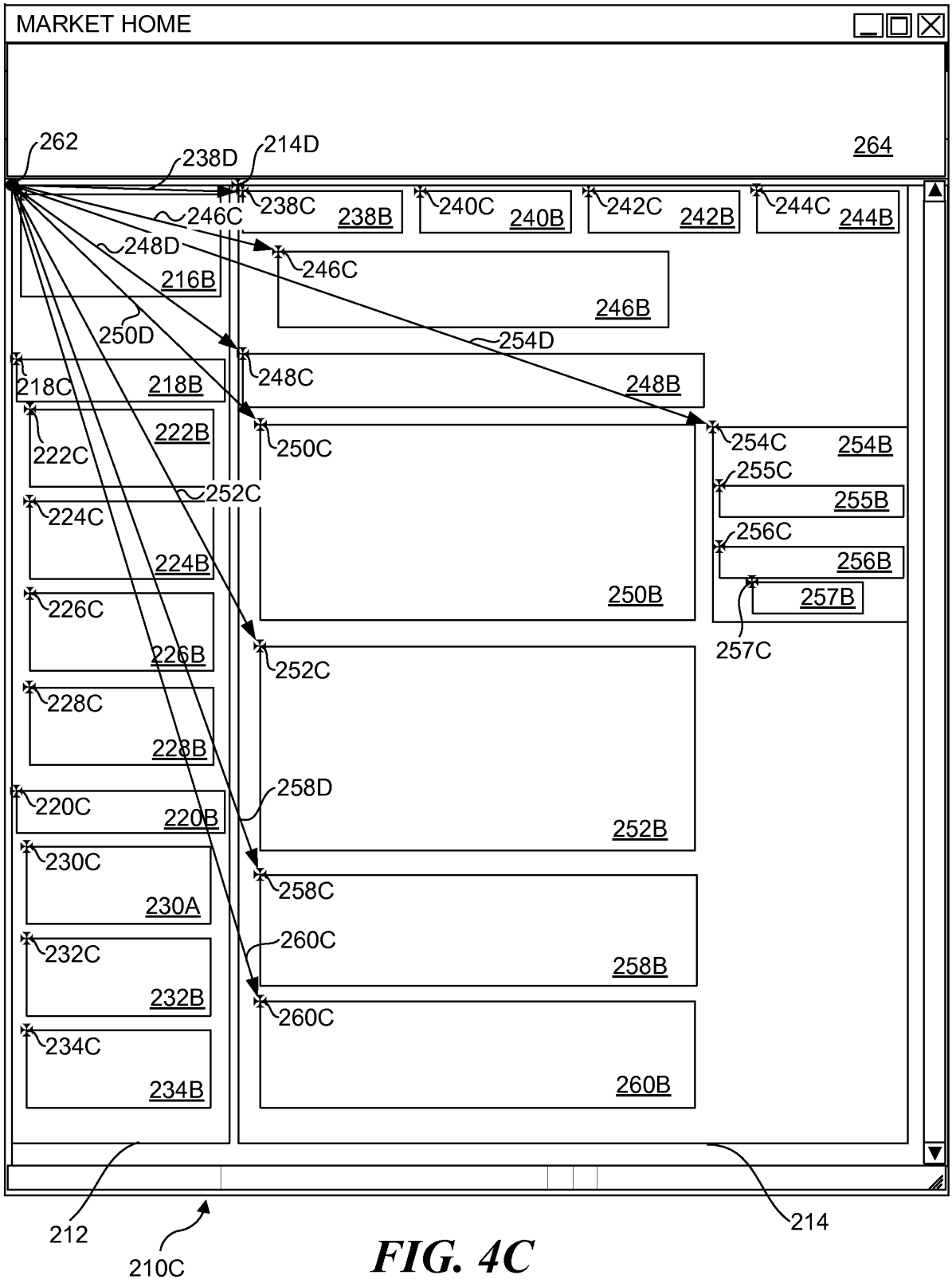

MARKET HOME
262
238D
214D
264
238C
238B
240C
240B
242C
242B
244C
244B
246C
248D
216B
246C
246B
250D
254D
218C
218B
248C
248B
222B
222C
250C
254C
254B
255C
255B
252C
224C
224B
256C
256B
257B
250B
226C
226B
257C
252C
228C
228B
220C
220B
258D
252B
230C
230A
258C
232C
260C
232B
258B
234C
260C
234B
260B
212
210C
214

FIG. 4C

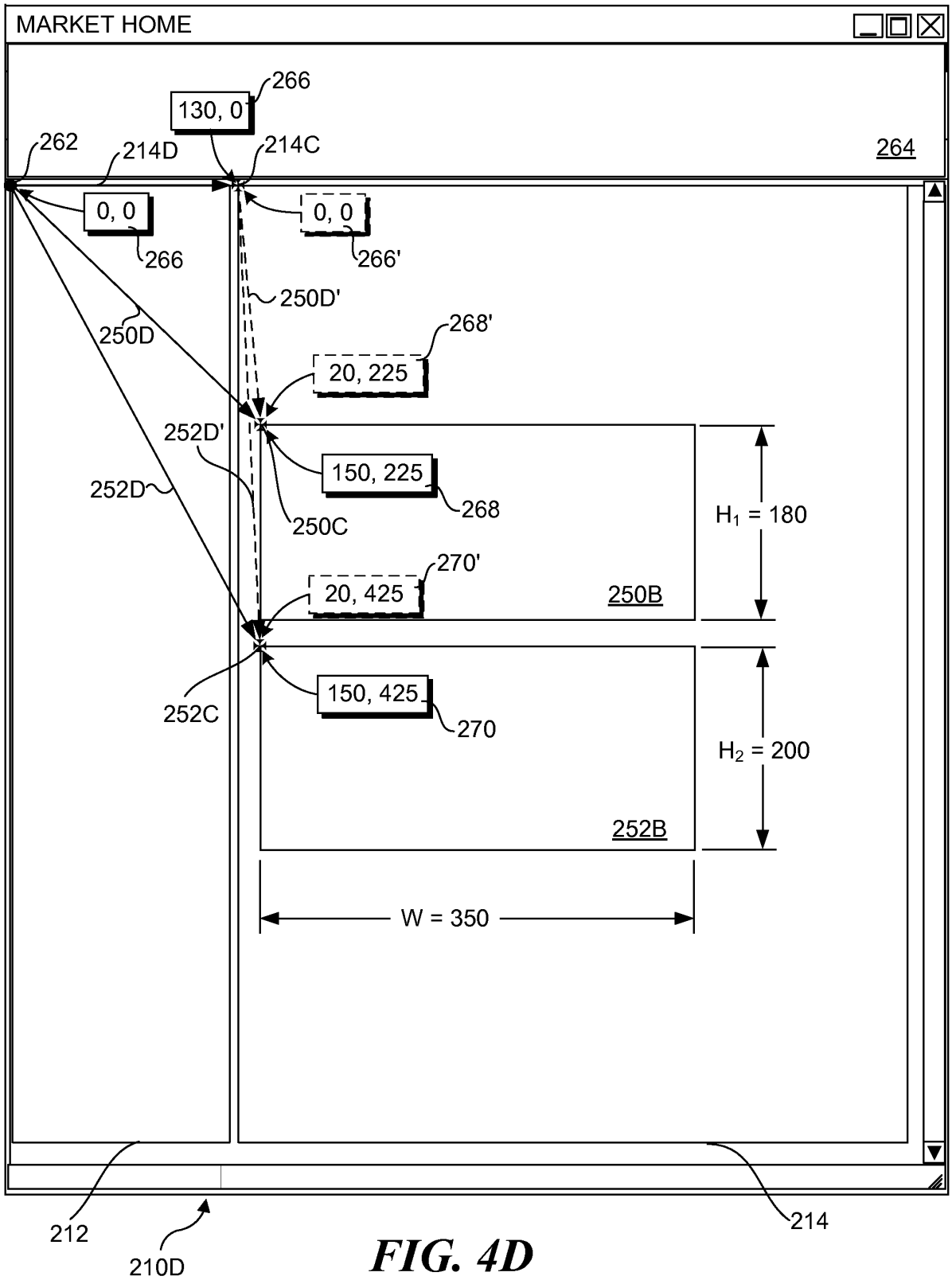
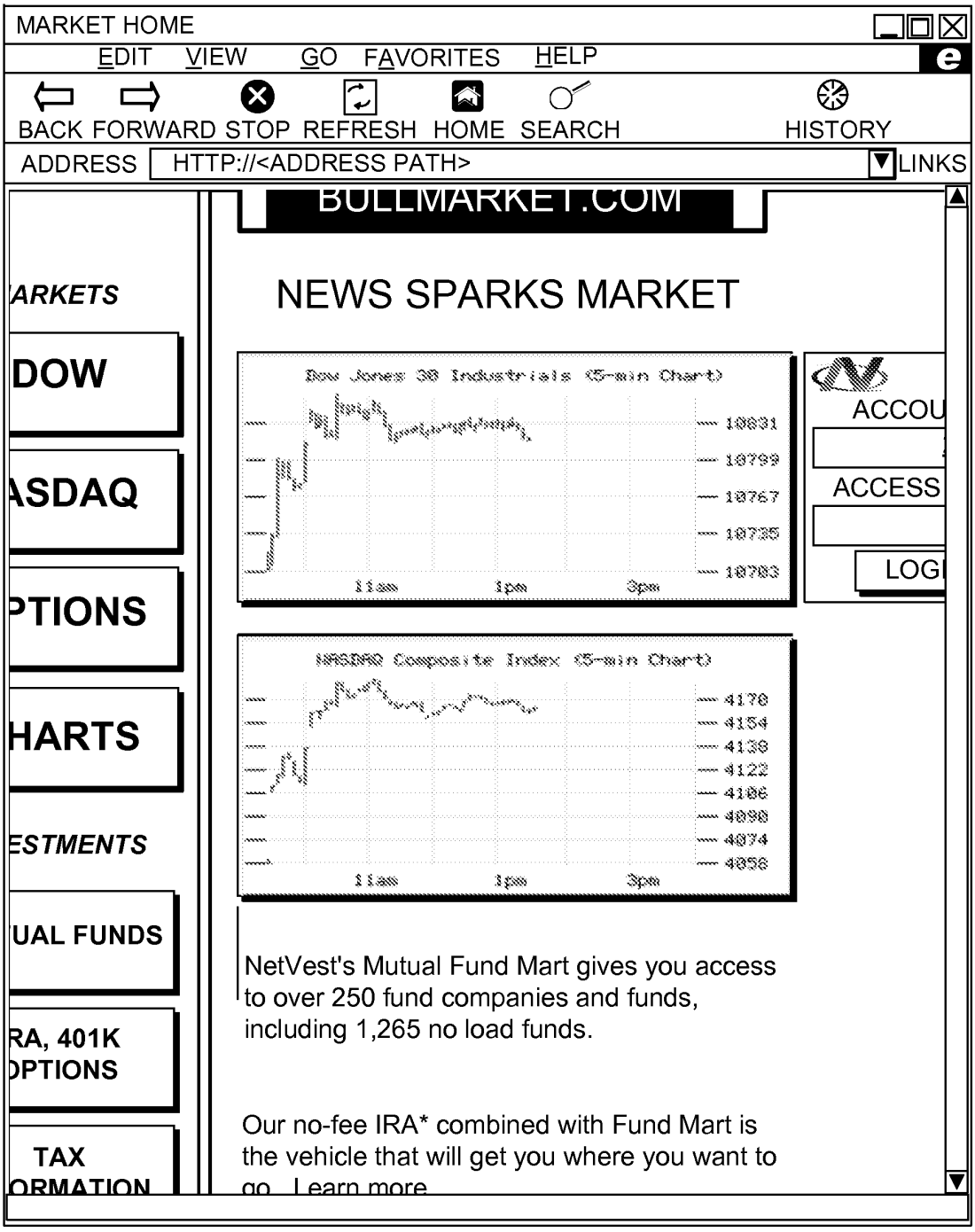

MARKET HOME
266
130, 0
262
214D
214C
264
0, 0
266
0, 0
266'
250D'
250D
268'
20, 225
252D'
252D
150, 225
268
250C
H1 = 180
270'
20, 425
250B
252C
150, 425
270
H2 = 200
252B
W = 350
212
210D
214

FIG. 4D


MARKET HOME
EDIT VIEW GO FAVORITES HELP
BACK FORWARD STOP REFRESH HOME SEARCH HISTORY
ADDRESS HTTP://<ADDRESS PATH>
LINKS
BULLMARKET.COM
ARKETS
DOW
ASDAQ
PTIONS
HARTS
ESTMENTS
UAL FUNDS
RA, 401K
PTIONS
TAX
ORMATION
NEWS SPARKS MARKET
Dow Jones 30 Industrials (5-min Chart)
10831
10799
10767
10735
10703
11am
1pm
3pm
ACCOU
ACCESS
LOGI
NASDAQ Composite Index (5-min Chart)
4170
4154
4138
4122
4106
4090
4074
4058
11am
1pm
3pm
NetVest's Mutual Fund Mart gives you access to over 250 fund companies and funds, including 1,265 no load funds.
Our no-fee IRA* combined with Fund Mart is the vehicle that will get you where you want to go. Learn more

210E

FIG. 4E

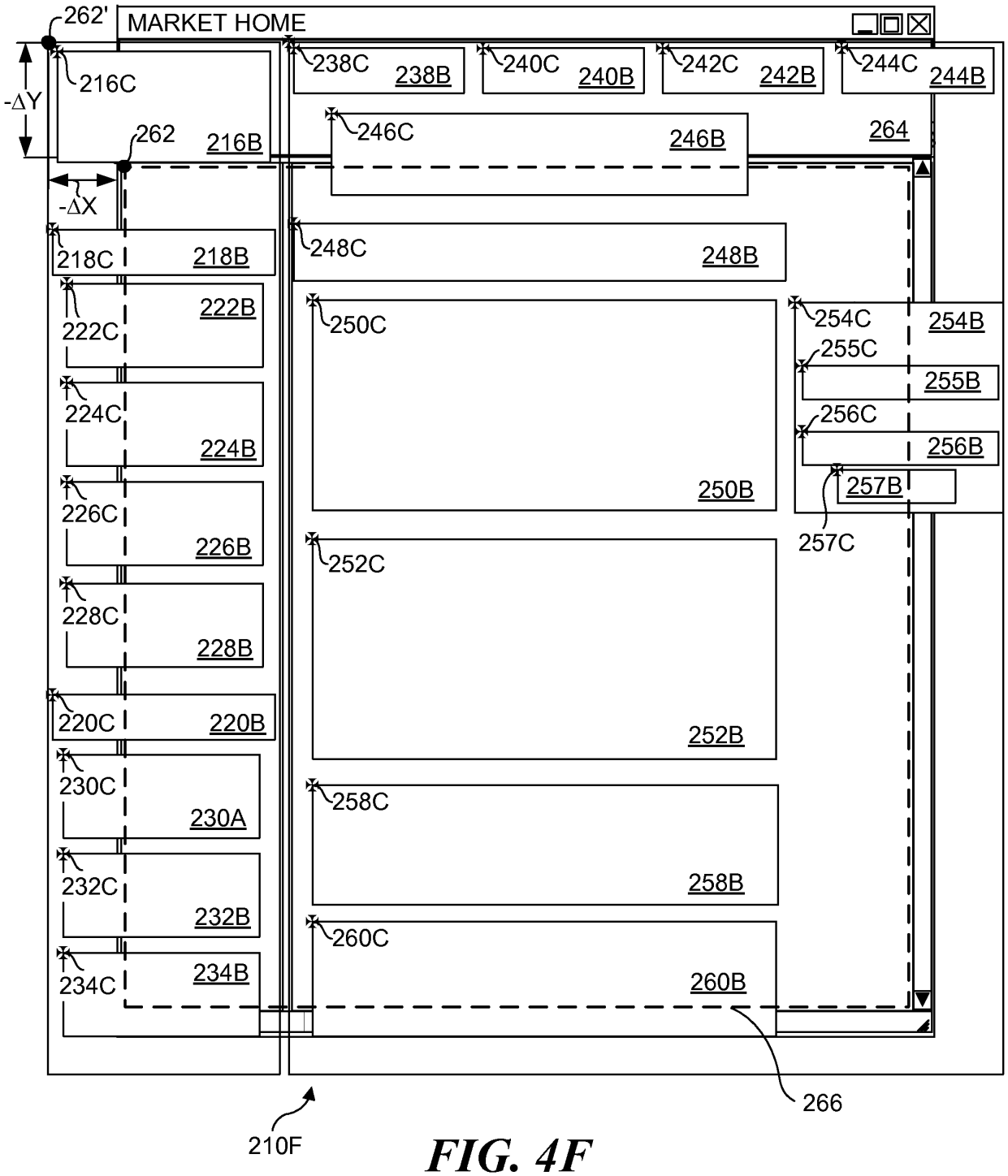

262'
MARKET HOME
216C
-ΔY
262
216B
238C
238B
240C
240B
242C
242B
244C
244B
246C
246B
264
-ΔX
218C
218B
248C
248B
222C
222B
250C
254C
254B
255C
255B
224C
224B
256C
256B
226C
226B
250B
257B
257C
228C
228B
252C
220C
220B
252B
230C
230A
258C
258B
232C
232B
260C
234C
234B
260B
266
210F

FIG. 4F

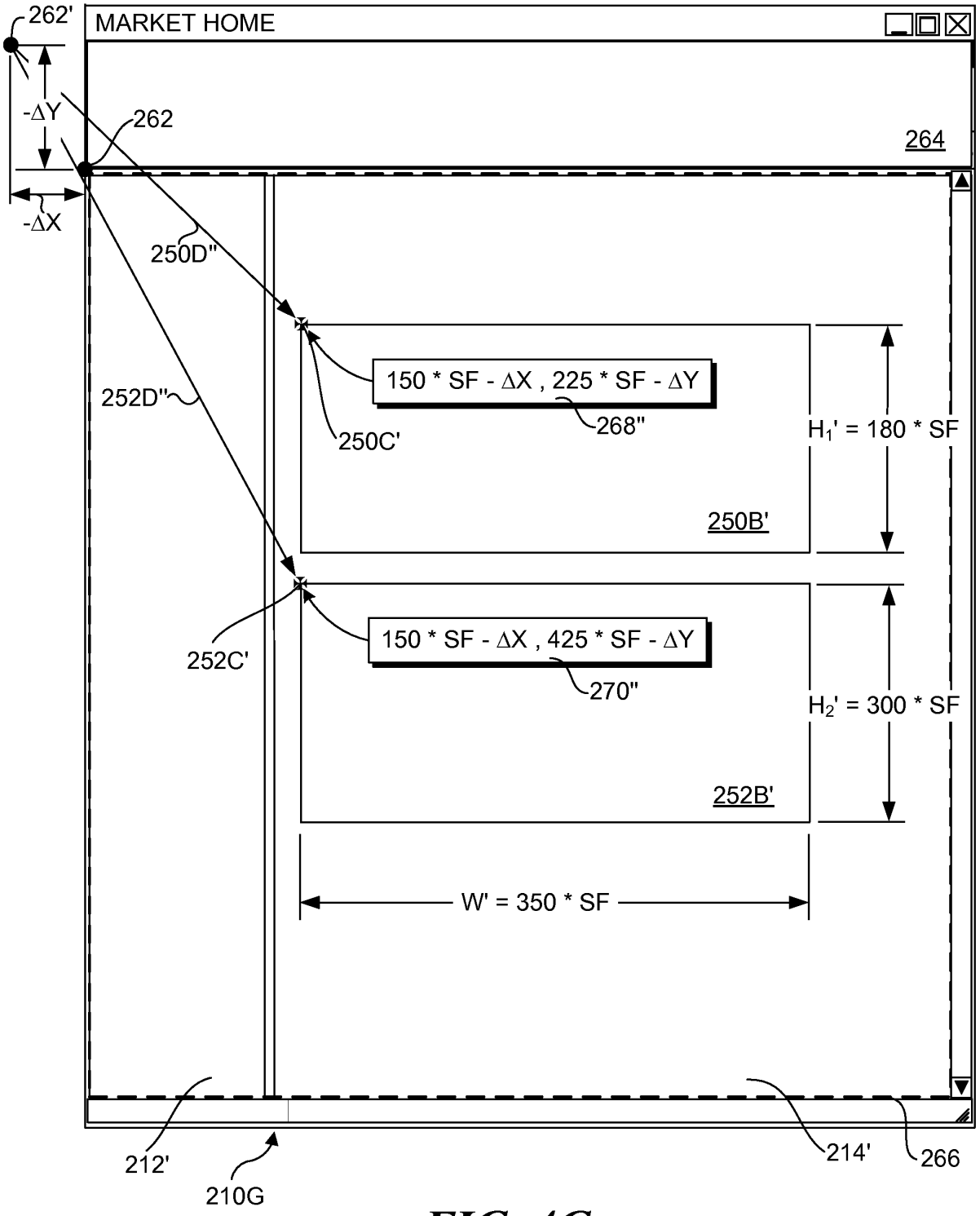

262'
MARKET HOME
-ΔY
262
264
-ΔX
250D"
252D"
150 * SF - ΔX , 225 * SF - ΔY
268"
250C'
H1' = 180 * SF
250B'
252C'
150 * SF - ΔX , 425 * SF - ΔY
270"
H2' = 300 * SF
252B'
W' = 350 * SF
212'
210G
214'
266

FIG. 4G

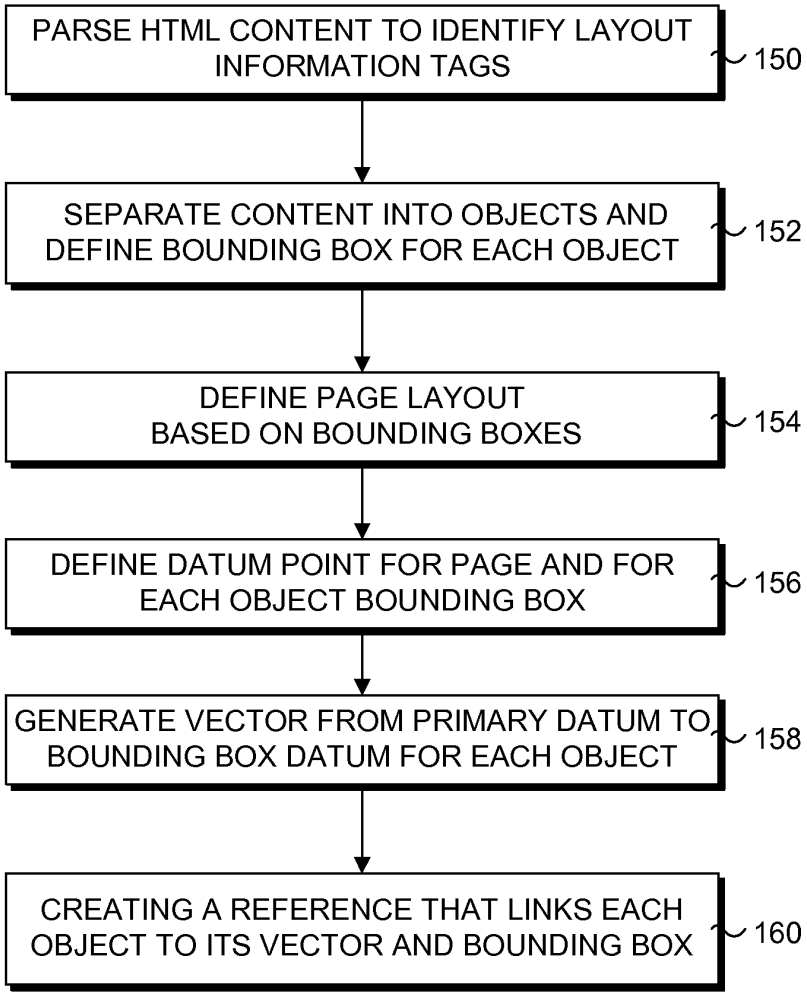

PARSE HTML CONTENT TO IDENTIFY LAYOUT INFORMATION TAGS
150
SEPARATE CONTENT INTO OBJECTS AND DEFINE BOUNDING BOX FOR EACH OBJECT
152
DEFINE PAGE LAYOUT BASED ON BOUNDING BOXES
154
DEFINE DATUM POINT FOR PAGE AND FOR EACH OBJECT BOUNDING BOX
156
GENERATE VECTOR FROM PRIMARY DATUM TO BOUNDING BOX DATUM FOR EACH OBJECT
158
CREATING A REFERENCE THAT LINKS EACH OBJECT TO ITS VECTOR AND BOUNDING BOX
160

FIG. 5

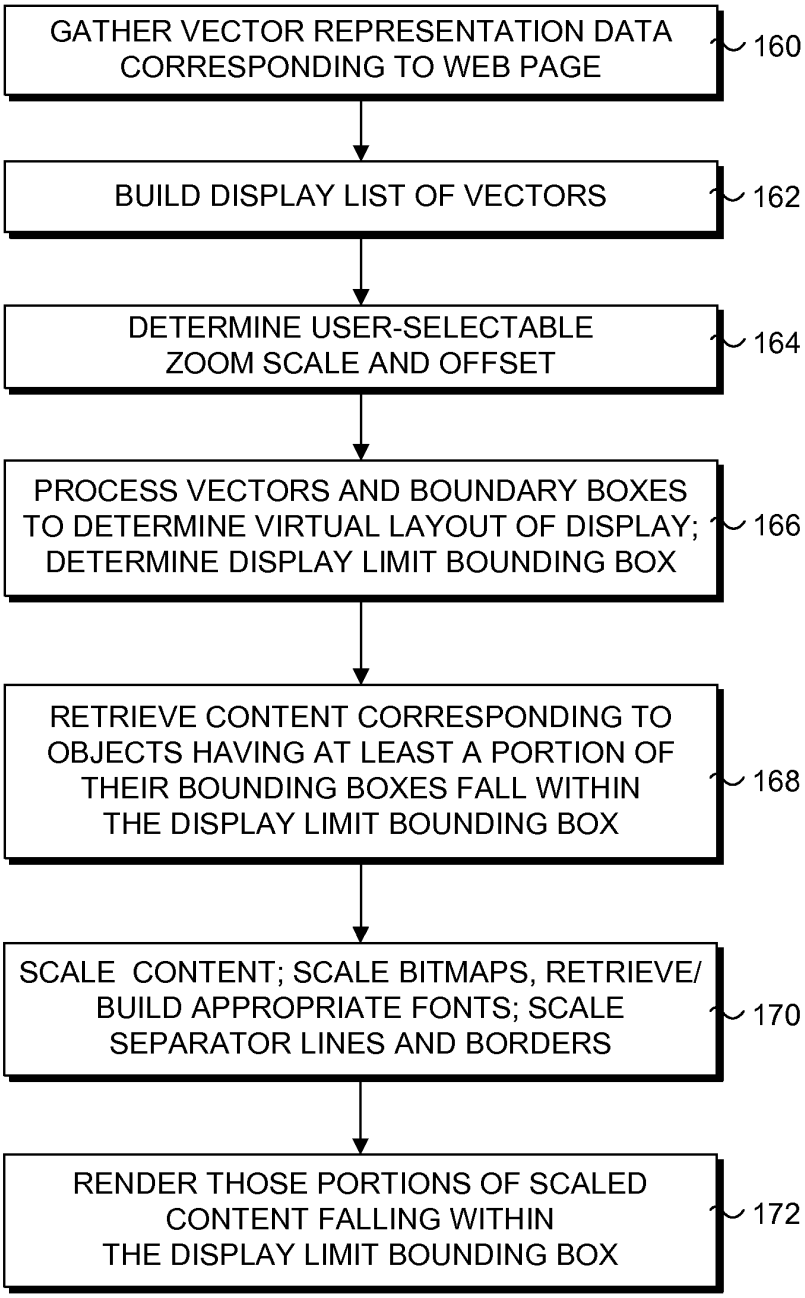

GATHER VECTOR REPRESENTATION DATA CORRESPONDING TO WEB PAGE
160
BUILD DISPLAY LIST OF VECTORS
162
DETERMINE USER-SELECTABLE ZOOM SCALE AND OFFSET
164
PROCESS VECTORS AND BOUNDARY BOXES TO DETERMINE VIRTUAL LAYOUT OF DISPLAY; DETERMINE DISPLAY LIMIT BOUNDING BOX
166
RETRIEVE CONTENT CORRESPONDING TO OBJECTS HAVING AT LEAST A PORTION OF THEIR BOUNDING BOXES FALL WITHIN THE DISPLAY LIMIT BOUNDING BOX
168
SCALE CONTENT; SCALE BITMAPS, RETRIEVE/ BUILD APPROPRIATE FONTS; SCALE SEPARATOR LINES AND BORDERS
170
RENDER THOSE PORTIONS OF SCALED CONTENT FALLING WITHIN THE DISPLAY LIMIT BOUNDING BOX
172

FIG. 6

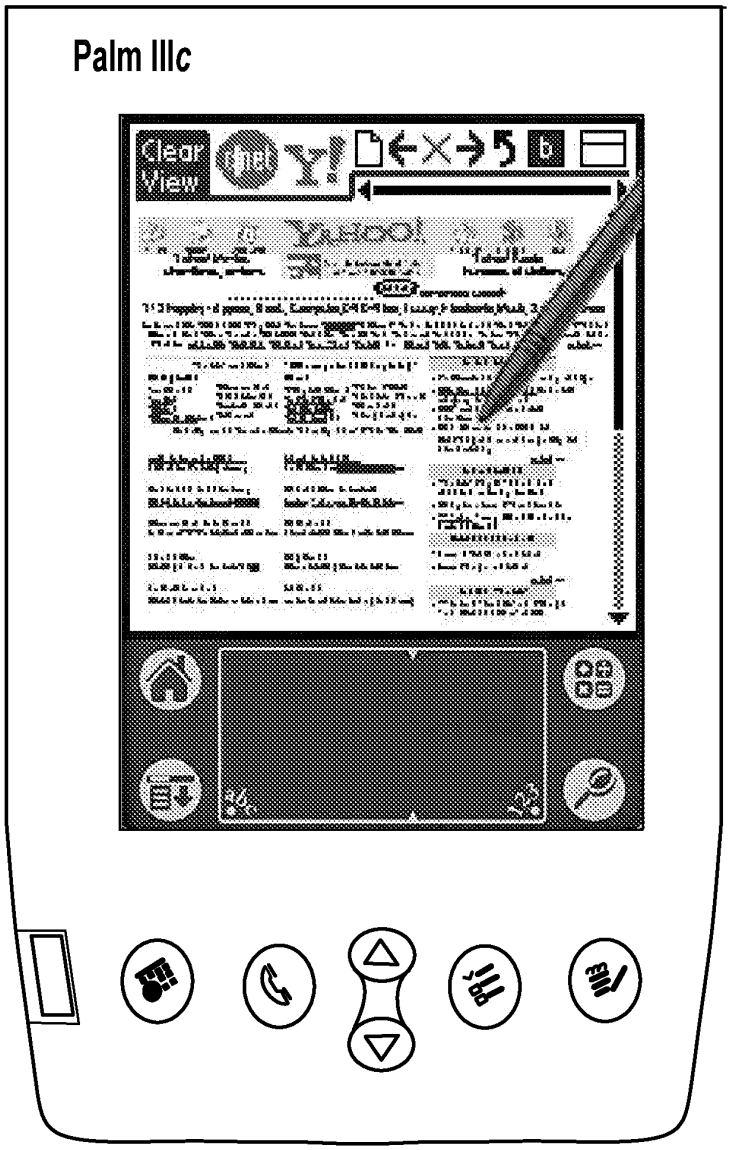


FIG. 7A

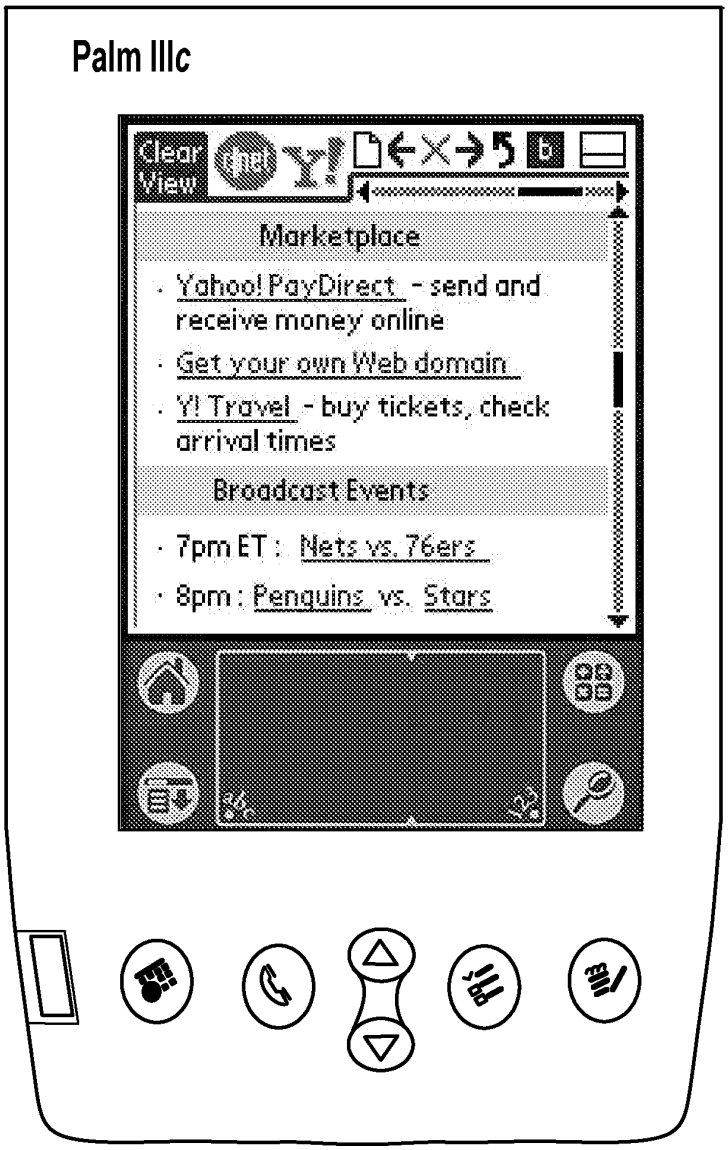

Palm IIIc
Clear View
Marketplace
· Yahoo! PayDirect - send and receive money online
· Get your own Web domain
· Y! Travel - buy tickets, check arrival times
Broadcast Events
· 7pm ET : Nets vs. 76ers
· 8pm : Penguins vs. Stars

FIG. 7B

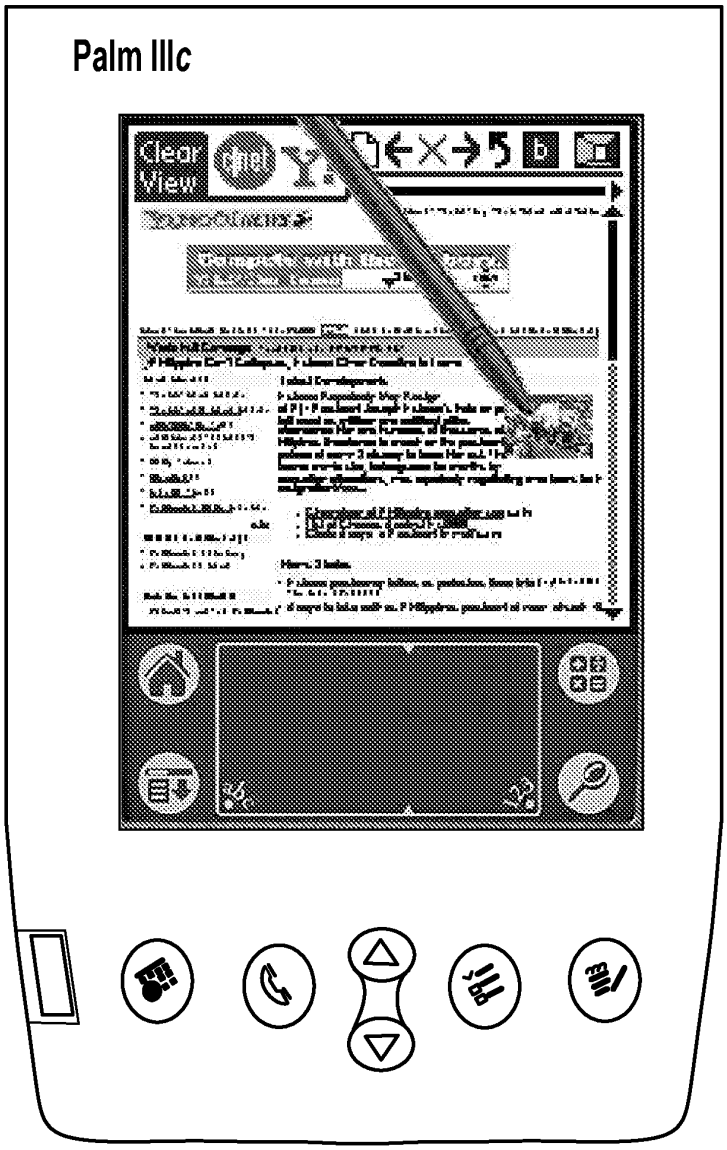


FIG. 8A



FIG. 8B



FIG. 9A

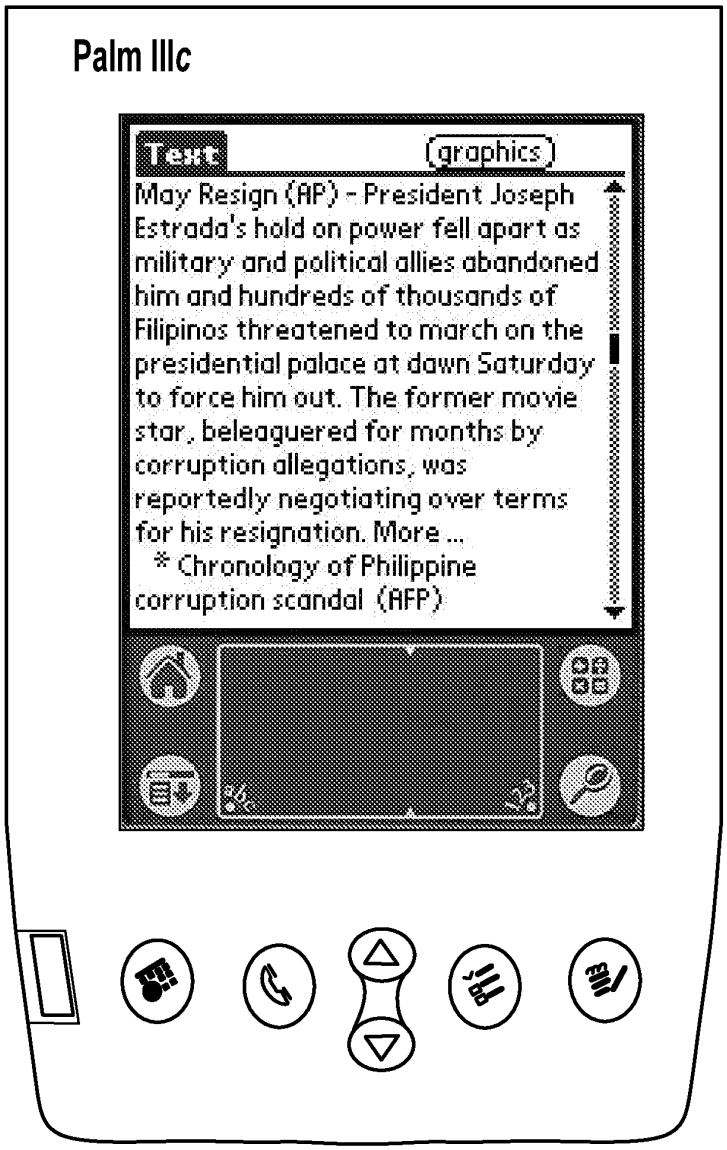

Palm IIIc
Text
graphics
May Resign (AP) - President Joseph Estrada's hold on power fell apart as military and political allies abandoned him and hundreds of thousands of Filipinos threatened to march on the presidential palace at dawn Saturday to force him out. The former movie star, beleaguered for months by corruption allegations, was reportedly negotiating over terms for his resignation. More ...
* Chronology of Philippine corruption scandal (AFP)

FIG. 9B

Electronic Acknowledgement Receipt	
EFS ID:	6533123
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	59860
Filer:	R. Burnett
Filer Authorized By:	
Attorney Docket Number:	005207.P001XC
Receipt Date:	28-NOV-2009
Filing Date:	15-APR-2007
Time Stamp:	14:13:28
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Drawings-only black and white line drawings	P001dwg1_replacement_sheet_all-bw.pdf	669031 930f72410509cc53da046f1b11f2bf6e512128e6	no	22
Warnings:					
Information:					

2	NPL Documents	60203494.pdf	988315 7621c67746149ee46bbe345e6ced590b10691d6b	no	20

Warnings:	
Information:	
Total Files Size (in bytes):	1657346

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/SB/06 (07-06)
Approved for use through 1/31/2007. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 11/735,477	Filing Date 04/15/2007	☐ To be Mailed

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)	SMALL ENTITY ☒		OR	OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE ($)	FEE ($)		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	116 minus 20 =	* 96	X $25 =	2400	OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3 minus 3 =	* 0	X $100 =	0		X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	2400		TOTAL	

APPLICATION AS AMENDED – PART II

		(Column 1)		(Column 2)	(Column 3)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
AMENDMENT	11/28/2009	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 116	Minus	** 116	= 0	X $26 =	0	OR	X $ =	
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X $110 =	0	OR	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE	

		(Column 1)		(Column 2)	(Column 3)					
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =		OR	X $ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =		OR	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
/GERALDINE STANLEY/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

SCORE Placeholder Sheet for IFW Content

Application Number: 11735477 Document Date: 11/28/2009

The presence of this form in the IFW record indicates that the following document type was received in electronic format on the date identified above. This content is stored in the SCORE database.

- Drawings – Other than Black and White Line Drawings

Since this was an electronic submission, there is no physical artifact folder, no artifact folder is recorded in PALM, and no paper documents or physical media exist. The TIFF images in the IFW record were created from the original documents that are stored in SCORE.

To access the documents in the SCORE database, refer to instructions developed by SIRA.

At the time of document entry (noted above):

- Examiners may access SCORE content via the eDAN interface.
- Other USPTO employees can bookmark the current SCORE URL (http://es/ScoreAccessWeb/).
- External customers may access SCORE content via the Public and Private PAIR interfaces.

Form Revision Date: February 8, 2006

Doc Code: PET.POA.WDRW
Document Description: Petition to withdraw attorney or agent (SB83)

PTO/SB/83 (11-08)
Approved for use through 11/30/2011. OMB 0651-0035
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST FOR WITHDRAWAL AS ATTORNEY OR AGENT AND CHANGE OF CORRESPONDENCE ADDRESS

Application Number	11/735,477
Filing Date	04-15-2007
First Named Inventor	Gary Rohrabaugh
Art Unit	2176
Examiner Name	Herndon, Heather R.
Attorney Docket Number	005207.P001XC

To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Please withdraw me as attorney or agent for the above identified patent application, and

☑ all the practitioners of record;

☐ the practitioners (with registration numbers) of record listed on the attached paper(s); or

☐ the practitioners of record associated with Customer Number: _____

NOTE: The immediately preceding box should only be marked when the practitioners were appointed using the listed Customer Number.

The reason(s) for this request are those described in 37 CFR :

☐ 10.40(b)(1)	☐ 10.40(b)(2)	☐ 10.40(b)(3)	☐ 10.40(b)(4)
☐ 10.40(c)(1)(i)	☐ 10.40(c)(1)(ii)	☐ 10.40(c)(1)(iii)	☐ 10.40(c)(1)(iv)
☐ 10.40(c)(1)(v)	☐ 10.40(c)(1)(vi)	☐ 10.40(c)(2)	☐ 10.40(c)(3)
☐ 10.40(c)(4)	☐ 10.40(c)(5)	☑ 10.40(c)(6) Please explain below:	

Current employer (law firm) has a single dedicated client that has requested I cease prosecution work for this client (Gary Rohrabaugh), who is not a client of the law firm.

Certifications

Check each box below that is factually correct. WARNING: If a box is left unchecked, the request will likely not be approved.

1. ☑ I/We have given reasonable notice to the client, prior to the expiration of the response period, that the practitioner(s) intend to withdraw from employment.

2. ☑ I/We have delivered to the client or a duly authorized representative of the client all papers and property (including funds) to which the client is entitled.

3. ☑ I/We have notified the client of any responses that may be due and the time frame within which the client must respond.

Please provide an explanation, if necessary:

Awaiting First Office Action. USPTO prediction on 12-3-09 is eight months to First Action

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/83 (11-08)
Approved for use through 11/30/2011. OMB 0651-0035
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST FOR WITHDRAWAL AS ATTORNEY OR AGENT AND CHANGE OF CORRESPONDENCE ADDRESS

Complete the following section only when the correspondence address will change. *Changes of address will only be accepted to an inventor or an assignee that has properly made itself of record pursuant to 37 CFR 3.71.*

Change the correspondence address and direct all future correspondence to:

A. ☐ The address of the inventor or assignee associated with Customer Number: _____

OR

B. ☑ Inventor or Assignee name	Gary Rohrabaugh
Address	3112 Maple Ridge Court

City Bellingham	State WA	Zip 98229	Country USA
Telephone (360) 676-0999		Email gary@softsource.com	

I am authorized to sign on behalf of myself and all withdrawing practitioners.

Signature	/R. Alan Burnett/		
Name	R. Alan Burnett	Registration No. 46,149	
Address	Law Office of R. Alan Burnett, 4108 131st Ave SE		
City Bellevue	State WA	Zip 98006	Country USA
Date	December 3, 2009	Telephone No. (425) 562-0923	

NOTE: ***Withdrawal is effective when approved rather than when received.***

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt	
EFS ID:	6570413
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	59860
Filer:	R. Burnett
Filer Authorized By:	
Attorney Docket Number:	005207.P001XC
Receipt Date:	03-DEC-2009
Filing Date:	15-APR-2007
Time Stamp:	18:48:43
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Petition to withdraw attorney or agent (SB83)	P001XC_Withdrawal_Request.pdf	321004 f1acb28e45531ba49eb6d89583b3b7fb9c69b72b	no	3

Warnings:
Information:

Total Files Size (in bytes):	321004

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New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99)**		
	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Herndon, Heather R
	Attorney Docket Number	005207.P001XC

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	6704024		2004-03-09	Robotham et al.	
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Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
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NON-PATENT LITERATURE DOCUMENTS			Remove
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Herndon, Heather R
	Attorney Docket Number	005207.P001XC

	1		☐

If you wish to add additional non-patent literature document citation information please click the Add button Add

EXAMINER SIGNATURE

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Herndon, Heather R
	Attorney Docket Number	005207.P001XC

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☒ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☐ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/R. Alan Burnett/	Date (YYYY-MM-DD)	2009-12-21
Name/Print	R. Alan Burnett	Registration Number	46149

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

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The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt	
EFS ID:	6680282
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	59860
Filer:	R. Burnett
Filer Authorized By:	
Attorney Docket Number:	005207.P001XC
Receipt Date:	21-DEC-2009
Filing Date:	15-APR-2007
Time Stamp:	15:46:16
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	P001XC_US_IDS_Form_SB_08a_supp2.pdf	521894 fc31bf0c552ac27ee522d8b0826311fa79641649	no	4
Warnings:					
Information:					

Total Files Size (in bytes):	521894

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/735,477	04/15/2007	Gary B. Rohrabaugh	005207.P001XC

CONFIRMATION NO. 2104

59860
LAW OFFICE OF R. ALAN BURNETT
4108 131ST AVE. SE
BELLEVUE, WA 98006

POWER OF ATTORNEY NOTICE

OC000000039847349

Date Mailed: 01/26/2010

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 12/03/2009.

- The withdrawal as attorney in this application has been accepted. Future correspondence will be mailed to the new address of record. 37 CFR 1.33.

/dcgoodwyn/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

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JAN 29 2010

OFFICE OF PETITIONS

LAW OFFICE OF R. ALAN BURNETT
4108 131ST AVE. SE
BELLEVUE WA 98006

In re Application of	:	
Gary B. ROHRABAUGH, et al	:	
Application No. 11/735,477	:	DECISION ON PETITION
Filed: April 15, 2007	:	TO WITHDRAW
Attorney Docket No. 005207.P001XC	:	FROM RECORD
	:	

This is a decision on the Request to Withdraw as attorney or agent of record under 37 C.F.R. § 1.36(b), filed December 3, 2009.

The request is **APPROVED**.

A grantable request to withdraw as attorney/agent of record must be signed by every attorney/agent seeking to withdraw or contain a clear indication that one attorney is signing on behalf of another/others. The Office requires the practitioner(s) requesting withdrawal to certify that he, she, or they have: (1) given reasonable notice to the client, prior to the expiration of the response period, that the practitioner(s) intends to withdraw from employment; (2) delivered to the client or a duly authorized representative of the client all papers and property (including funds) to which the client is entitled; and (3) notified the client of any responses that may be due and the time frame within which the client must respond, pursuant 37 CFR 10.40(c).

The request was signed by R. Alan Burnett on behalf of all the attorneys of record.

All the attorneys of record have been withdrawn.

Applicant is reminded that there is no attorney of record at this time.

The correspondence address of record has been changed and the new correspondence address is the address indicated below until otherwise properly notified by the applicant.

Telephone inquiries concerning this decision should be directed to the undersigned at 571-272-6735.

/DCG/
Diane Goodwyn
Petitions Examiner
Office of Petitions

cc: GARY ROHRABAUGH
3112 MAPLE RIDGE COURT
BELLINGHAM WA 98229

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/735,477	04/15/2007	Gary B. Rohrabaugh	005207.P001XC

CONFIRMATION NO. 2104

POWER OF ATTORNEY NOTICE

59860
LAW OFFICE OF R. ALAN BURNETT
4108 131ST AVE. SE
BELLEVUE, WA 98006



Date Mailed: 01/26/2010

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 12/03/2009.

- The withdrawal as attorney in this application has been accepted. Future correspondence will be mailed to the new address of record. 37 CFR 1.33.

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Bib Data Sheet

CONFIRMATION NO. 2104

SERIAL NUMBER	FILING OR 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
11/735,477	04/15/2007 RULE	715	2176	

APPLICANTS

Gary B. Rohrabaugh, Bellingham, WA;
Scott A. Sherman, Seattle, WA;

**** CONTINUING DATA ***************************

This application is a CON of 09/878,097 06/08/2001 PAT 7,210,099
which is a CIP of 09/828,511 04/07/2001 ABN
and claims benefit of 60/211,019 06/12/2000
and claims benefit of 60/217,345 07/11/2000
This application 11/735,477
is a DIV of 09/878,097 06/08/2001 PAT 7,210,099
and is a DIV of 11/045,757 01/28/2005 PAT 7,461,353
and is a DIV of 11/045,649 01/28/2005 PAT 7,584,423

**** FOREIGN APPLICATIONS *********************

IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** SMALL ENTITY **
** 05/03/2007

		STATE OR COUNTRY	SHEETS DRAWING	TOTAL CLAIMS	INDEPENDENT CLAIMS
Foreign Priority claimed	☐ yes ☐ no	WA	22	116	3
35 USC 119 (a-d) conditions met	☐ yes ☐ no ☐ Met after Allowance				
Verified and Acknowledged	Examiner's Signature Initials				

ADDRESS

GARY ROHRABAUGH
3112 MAPLE RIDGE COURT
BELLINGHAM, WA98229

TITLE

RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT

FILING FEE RECEIVED		
2890	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit

Certificate of Electronic Filing

I hereby certify that this correspondence is being Electronically Filed via EFS on April 24, 2010
Date of Electronic Filing

R. Alan Burnett
Name of Person Filing Correspondence

/S/ R. Alan Burnett — April 24, 2010
Signature — Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	
Rohrabaugh et al.	Examiner: Robinson, Marshon L.
Serial No. 11/735,477	Art Unit: 2178
Filed: April 15, 2007	
For: RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT	

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

Sir:

Applicants respectfully request the following preliminary amendments be entered for the above-identified application.

Amendments begin on page 2.

Remarks begin on page 32.

AMENDMENT

In the Specification

Please replace the Title with the following new Title:

Method, Apparatus, and Browser to Support Full-page Web Browsing on Hand-held Wireless Devices

Please replace paragraph [0001] with the following amended paragraph:

[0001] This application is a Continuation of U.S. Non-provisional Application No. 09/878,097, filed June 8, 2001, (issued as U.S. 7,210,099) entitled "RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT," which is a Continuation-in-Part of U.S. Non-provisional Application No. ~~09/825,511~~ 09/828,511, filed April 7, 2001, (Abandoned) entitled "RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT," the benefit of the filing ~~date~~ dates of which is claimed under 35 U.S.C. § 120. ~~This application~~ U.S. Non-provisional Application No. 09/878,097 further claims the benefit of the filing dates of U.S. Provisional Application No. 60/211,019, filed June 12, 2000, entitled "METHOD AND SYSTEM FOR RESOLUTION INDEPENDENT DISPLAY OF HTML AND XML CONTENT" and U.S. Provisional Application No. 60/217,345, filed July 11, 2000, entitled "METHOD AND SYSTEM FOR SELECTION, RETRIEVAL, AND CONVERSION OF COMPUTER CONTENT TO VECTOR FORMAT FOR RESOLUTION INDEPENDENT DISPLAY," under 35 U.S.C. § 119(e). The disclosure of each of the foregoing applications is incorporated by reference in its entirety herein for all purposes.

In the Claims

This listing of claims replaces all prior versions and listing of claims in the application. Amendments or cancellations of any claims are done without prejudice, waiver and/or disclaimer. Applicants reserve the right to claim the subject matter of any amendment and/or cancellation in a continuing application.

Claims 1-116 (Canceled)

--117. (New) A method, comprising:

enabling a user of a hand-held wireless device to perform full page browsing of billions of Web pages, each Web page having an original format comprising HTML-based Web content defining an original page layout, functionality, and design of content on the Web page, wherein the user is enabled to browse an entirety of each Web page on a display of the hand-held wireless device at multiple zoom levels while the original page layout, functionality, and design of the HTML-based Web page content is preserved.

118. (New) The method of claim 117, wherein at least one Web page is designed to be viewed on a desktop computer having a display with a resolution of at least 800 pixels in width to facilitate viewing of a full width of the Web page on the display.

119. (New) The method of claim 117, wherein at least one Web page is designed to be viewed on a desktop computer having a display with a resolution of at least 1024 pixels in width to facilitate viewing of a full width of the Web page on the display.

120. (New) The method of claim 117, wherein the hand-held wireless device comprises a mobile phone.

121. (New) The method of claim 117, further comprising performing zoom operations in real time to effect zooming of the Web page.

122. (New) The method of claim 121, wherein at least a portion of zoom operations are performed in a fraction of a second.

123. (New) The method of claim 117, further comprising enabling the user to view a full width of a web page on the display of the hand-held wireless device, wherein the width of the Web page is rendered to fit across the display.

124. (New) The method of claim 123, wherein in response to a request to access a new web page, the new web page is rendered on the display such that a width of the Web page is rendered to fit across the display.

125. (New) The method of claim 117, further comprising employing vector-based mathematics to effect zooming operations.

126. (New) The method of claim 117, wherein zooming operations are effected by applying a mathematical transformation to a plurality of points in a two-dimensional coordinate system comprising X and Y axes, including points comprising datums defining page layout locations of corresponding text and image objects mapped to the two-dimensional coordinate system, wherein the mathematical transformation comprises,

$$X' = X * SF + \Delta X;$$

$$Y' = Y * SF + \Delta Y;$$

wherein X, Y is the location of a point prior to transformation, X', Y' is the location of the point after transformation, SF is the scale factor, ΔX is a translation along the X axis, and ΔY is a translation along the Y axis.

127. (New) The method of claim 126, wherein the mathematical transformation is applied to points in a first coordinate system comprising a virtual coordinate system associated with a virtual display area onto which page layout information is mapped to a second coordinate system comprising a device coordinate system corresponding to a pixel resolution of the display of the hand-held wireless device, wherein points are mapped from the first coordinate system to the second coordinate system using the mathematical transformation.

128. (New) The method of claim 117, further comprising:

processing the HTML-based content with a rendering engine to generate page layout information, wherein the page layout information defines a layout location for each of a plurality of display objects, including text objects and image objects included in the Web page;

for each of the plurality of display objects,

storing page layout information including a bounding box defining width and height dimensions for the object; and

storing information that links the object with its corresponding page layout information;

wherein the page layout information further includes information from which a page layout location of each of the bounding boxes can be determined.

129. (New) The method of claim 128, further comprising mapping page layout information to a virtual display area in memory having a resolution that is independent of a resolution of the display, the page layout information that is mapped including an object datum for each object corresponding to where the content for that object is laid out on a representation of the Web page stored in the memory.

130. (New) The method of claim 129, wherein the virtual display area comprises a resolution-independent drawing space and the object datums are mapped to the virtual display area using point vectors identifying respective point locations of the object datums on a two-dimensional coordinate system associated with the virtual display area.

131. (New) The method of claim 128, further comprising:

defining a content display area comprising a portion of the display on which Web page content is to be rendered;

employing a display limit bounding box associated with the content display area that defines a clipping area corresponding to a portion of the representation of the Web page that is to be rendered to the content display area based on a zoom level and pan offset determined in response to user input; and

clipping display content outside the display limit bounding box such that only display content within the display limit bounding box is rendered to the content display area.

132. (New) The method of claim 128, further comprising:

in connection with at least one of a zoom or pan operation that results in a re-rendering of the Web page view on the display,

determining which display objects include at least a portion of their associated display content in the re-rendered Web page view.

133. (New) The method of claim 132, further comprising evaluating at least a portion of the bounding boxes to determine which display objects include at least a portion of their associated display content in the re-rendered Web page view.

134. (New) The method of claim 128, wherein a zoom operation is effected by,

for each of the plurality of display objects to be included in a view of the Web page to be rendered on the display,

scaling page layout information associated with the display object using a scale factor corresponding to a zoom level associated with the zoom operation to determine a scaled datum that defines a location where the display object is to be rendered on the view of the Web page;

scaling content associated with the display object using the scale factor; and

rendering the scaled content at the location defined by the scaled datum to render the display object on the view of the Web page.

135. (New) The method of claim 134, wherein rendering scaled content associated with a text object comprises:

determining display attributes for the text object, the display objects including a font typeface, size and color;

employing a scalable font associated with the font typeface to render text associated with the text object in a color associated with the color attribute, wherein the text is rendered relative to a location associated with the scaled datum for the text object, and wherein the scale applied to the scalable font is a function of the scale factor and the font size.

136. (New) The method of claim 134, wherein rendering scaled content associated with an image object comprises:

scaling scalable image content corresponding to the image object to produce a scaled image having a size that is a function of the scale factor and the bounding box corresponding to the image object;

rendering the scaled image on the view of the Web page at a location defined by the scaled datum associated with the image object.

137. (New) The method of claim 134, wherein the plurality of display objects include at least one graphic layout object, and wherein rendering scaled content associated with a graphic layout object comprises:

scaling one or more vector-based elements associated with the graphic layout object to produce a scaled graphic layout object, the one or more vector-based elements previously derived from processing HTML-based content associated with the graphic layout object; and

rendering the scaled graphic layout object on the view of the Web page at a location defined by the scaled datum associated with the graphic layout object.

138. (New) The method of claim 128, further comprising effecting a zoom operation combined with a pan operation by,

for each of the plurality of display objects to be included in a panned view of the Web page to be rendered on the display,

scaling page layout information associated with the display object using a scale factor corresponding to a zoom level associated with the zoom operation to determine a scaled datum;

determining an offset corresponding to the pan operation and combining the scaled datum with the offset to produce a scaled and offset datum that defines a location where the display object is to be rendered on the panned view of the Web page;

scaling content associated with the display object using the scale factor; and

rendering the scaled content at the location defined by the scaled and offset datum to render the display object on the panned view of the Web page.

139. (New) The method of claim 138, wherein rendering scaled content associated with a text object comprises:

retrieving presentation attributes for the text object, the presentation attributes including a font typeface, size and color;

employing a scalable font associated with the font typeface to render text associated with the text object in a color associated with the color attribute, wherein the text is rendered relative to a location associated with the scaled and offset datum for the text object, and wherein the scale applied to the scalable font is a function of the scale factor and the font size.

140. (New) The method of claim 139, wherein rendering scaled content associated with an image object comprises:

scaling scalable image content corresponding to the image object to produce a scaled image having a size that is a function of the scale factor and the bounding box corresponding to the image object;

rendering the scaled image on the view of the Web page at a location defined by the scaled and offset datum associated with the image object.

141. (New) The method of claim 139, wherein the plurality of display objects include at least one graphic layout object, and wherein rendering scaled content associated with a graphic layout object comprises:

scaling one or more vector-based elements associated with the graphic layout object to produce a scaled graphic layout object, the one or more vector-based elements previously derived from processing HTML-based content associated with the graphic layout object; and

rendering the scaled graphic layout object on the view of the Web page at a location defined by the scaled and offset datum associated with the graphic layout object.

142. (New) The method of claim 128, further comprising maintaining at least one instance of the bounding box information in a manner that is independent of the zoom levels used to view the web page on the display.

143. (New) The method of claim 117, further comprising:

storing content associated with a representation of the web page on a plurality of layers in memory of the wireless hand-held device; and

combining content from at least a portion of the plurality of layers to render views of the Web page on the display.

144. (New) The method of claim 143, wherein text and images are stored on separate layers.

145. (New) The method of claim 117, further comprising enabling a user to zoom on a column of the Web page via a corresponding user input, wherein in response thereto, the display is re-rendered such that content corresponding to the selected column is enlarged.

146. (New) The method of claim 145, wherein the corresponding user input comprises tapping on the column via the display.

147. (New) The method of claim 145, wherein the display is re-rendered such that content corresponding to the selected column is rendered to fit across the display.

148. (New) The method of claim 117, wherein the Web page includes at least one image, the method further comprising enabling a user to zoom on an image via a corresponding user input, wherein in response thereto, the display is re-rendered such that the image is enlarged.

149. (New) The method of claim 148, wherein the corresponding user input comprises tapping on the image via the display.

150. (New) The method of claim 148, wherein the display is re-rendered such that the image is rendered to fit across the display.

151. (New) The method of claim 117, further comprising enabling a user to zoom on a paragraph of the Web page via a corresponding user input, wherein in response thereto, the display is re-rendered such that content corresponding to the selected paragraph is enlarged.

152. (New) The method of claim 151, wherein the corresponding user input comprises tapping on the paragraph via the display.

153. (New) The method of claim 151, wherein the display is re-rendered such that content corresponding to the selected paragraph is rendered to fit across the display.

154. (New) The method of claim 117, wherein a portion of the HTML-based Web content comprises cascading style sheet data defining aspects of the Web page design that are preserved at each of the plurality of zoom levels.

155. (New) The method of claim 117, further comprising enabling a user to pan a view of the Web page in response to a corresponding user input made via the display.

156. (New) The method of claim 117, further comprising enabling the view of the Web page to be panned in real-time.

157. (New) A hand-held wireless device, comprising:

a processor,

a wireless communications interface, to facilitate wireless communication with a network that supports access to the Internet;

a display; and

non-volatile memory, operatively coupled to the processor, in which software comprising a browser and an operating system are stored, the software comprising a plurality of instructions that when executed by the processor enable the hand-held wireless device to perform operations including,

enabling a user of the hand-held wireless device to perform full page browsing of billions of Web pages, each Web page having an original format comprising HTML-based Web content defining an original page layout, functionality, and design of content on the Web page, wherein the user is enabled to browse an entirety of each Web page on the display at multiple zoom levels while the original page layout, functionality, and design of the HTML-based Web page content is preserved.

158. (New) The hand-held wireless device of claim 157, wherein at least one Web page is designed to be viewed on a desktop computer having a display with a resolution of at least 1024 pixels in width to facilitate viewing of a full width of the Web page on the display.

159. (New) The hand-held wireless device of claim 157, wherein the hand-held wireless device comprises a mobile phone.

160. (New) The hand-held wireless device of claim 157, wherein execution of the software enables the hand-held wireless device to perform further operations comprising performing zoom operations in real time to effect zooming of the Web page.

161. (New) The hand-held wireless device of claim 160, wherein at least a portion of the zoom operations are performed in a fraction of a second.

162. (New) The hand-held wireless device of claim 157, wherein execution of the software enables the hand-held wireless device to perform further operations

comprising enabling the user to view a full width of the web page on the display, wherein the width of the Web page is rendered to fit across the display.

163. (New) The hand-held wireless device of claim 162, wherein execution of the software enables the hand-held wireless device to perform further operations comprising:

enabling the user to request access to a new Web page, and

in response thereto, rendering the new Web page on the display such that a width of the Web page is rendered to fit across the display.

164. (New) The hand-held wireless device of claim 157, wherein execution of the software enables the hand-held wireless device to perform further operations comprising employing vector-based mathematics to effect zooming operations.

165. (New) The hand-held wireless device of claim 157, wherein zooming operations are effected by applying a mathematical transformation to a plurality of points in a two-dimensional coordinate system comprising X and Y axes, including points comprising datums defining page layout locations of corresponding text and image objects mapped to the two-dimensional coordinate system, wherein the mathematical transformation comprises,

$$X' = X * SF + \Delta X;$$

$$Y' = Y * SF + \Delta Y;$$

wherein X, Y is the location of a point prior to transformation, X', Y' is the location of the point after transformation, SF is the scale factor, ΔX is a translation along the X axis, and ΔY is a translation along the Y axis.

166. (New) The hand-held wireless device of claim 165, wherein the mathematical transformation is applied to points in a first coordinate system comprising a virtual coordinate system associated with a virtual display area onto which page layout information is mapped to a second coordinate system comprising a device coordinate system corresponding to a pixel resolution of the display of the hand-held wireless device, wherein points are mapped from the first coordinate system to the second coordinate system using the mathematical transformation.

167. (New) The hand-held wireless device of claim 157, wherein execution of the software enables the hand-held wireless device to perform further operations comprising:

processing the HTML-based content with a rendering engine to generate page layout information, wherein the page layout information defines a layout location for each of a plurality of display objects, including text object, and image objects included in the Web page;

for each of the plurality of display objects,

storing page layout information including a bounding box defining width and height dimensions for the object; and

storing information that links the object with its corresponding page layout information;

wherein the page layout information further includes information from which a page layout location of each of the bounding boxes can be determined.

168. (New) The hand-held wireless device of claim 167, wherein execution of the software enables the hand-held wireless device to perform further operations comprising mapping page layout information to a virtual display area in memory having a resolution that is independent of a resolution of the display, the page layout information that is mapped including an object datum for each object corresponding to

where the content for that object is laid out on a representation of the Web page stored in the memory.

169. (New) The hand-held wireless device of claim 168, wherein the virtual display area comprises a resolution-independent drawing space and the object datums are mapped to the virtual display area using point vectors identifying respective point locations of the object datums on a two-dimensional coordinate system associated with the virtual display area.

170. (New) The hand-held wireless device of claim 167, wherein execution of the software enables the hand-held wireless device to perform further operations comprising:

defining a content display area comprising a portion of the display on which Web page content is to be rendered;

employing a display limit bounding box associated with the content display area that defines a clipping area corresponding to a portion of the representation of the Web page that is to be rendered to the content display area based on a current zoom level and pan offset; and

clipping display content outside the display limit bounding box such that only display content within the display limit bounding box is rendered to the content display area.

171. (New) The hand-held wireless device of claim 167, wherein execution of the software enables the hand-held wireless device to perform further operations comprising:

in connection with at least one of a zoom or pan operation that results in a re-rendering of the Web page view on the display,

determining which display objects include at least a portion of their associated display content in the re-rendered Web page view.

172. (New) The hand-held wireless device of claim 171, wherein execution of the software enables the hand-held wireless device to perform further operations comprising evaluating at least a portion of the bounding boxes to determine which display objects include at least a portion of their associated display content in the re-rendered Web page view.

173. (New) The hand-held wireless device of claim 167, wherein a zoom operation is effected by,

for each of the plurality of display objects to be included in a view of the Web page to be rendered on the display,

scaling page layout information associated with the display object using a scale factor corresponding to a zoom level associated with the zoom operation to determine a scaled datum that defines a location where the display object is to be rendered on the view of the Web page;

scaling content associated with the display object using the scale factor; and

rendering the scaled content at the location defined by the scaled datum to render the display object on the view of the Web page.

174. (New) The hand-held wireless device of claim 173, wherein rendering scaled content associated with a text object comprises:

determining display attributes for the text object, the display objects including a font typeface, size and color;

employing a scalable font associated with the font typeface to render text associated with the text object in a color associated with the color attribute,

wherein the text is rendered relative to a location associated with the scaled datum for the text object, and wherein the scale applied to the scalable font is a function of the scale factor and the font size.

175. (New) The hand-held wireless device of claim 173, wherein rendering scaled content associated an image object comprises:

scaling scalable image content corresponding to the image object to produce a scaled image having a size that is a function of the scale factor and the bounding box corresponding to the image object;

rendering the scaled image on the view of the Web page at a location defined by the scaled datum associated with the image object.

176. (New) The hand-held wireless device of claim 173, wherein the plurality of display objects include at least one graphic layout object, and wherein rendering a graphic layout object comprises:

scaling one or more vector-based elements associated with the graphic layout object to produce a scaled graphic layout object, the one or more vector-based elements previously derived from processing HTML-based content associated with the graphic layout object; and

rendering the scaled graphic layout object on the view of the Web page at a location defined by the scaled datum associated with the graphic layout object.

177. (New) The hand-held wireless device of claim 167, wherein execution of the software enables the hand-held wireless device to perform further operations comprising effecting a zoom operation combined with a pan operation by,

for each of the plurality of display objects to be included in a panned view of the Web page to be rendered on the display,

scaling page layout information associated with the display object using a scale factor corresponding to a zoom level associated with the zoom operation to determine a scaled datum;

determining an offset corresponding to the pan operation and combining the scaled datum with the offset to produce a scaled and offset datum that defines a location where the display object is to be rendered on the panned view of the Web page;

scaling content associated with the display object using the scale factor; and

rendering the scaled content at the location defined by the scaled and offset datum to render the display object on the panned view of the Web page.

178. (New) The hand-held wireless device of claim 177, wherein rendering scaled content associated with a text object comprises:

determining display attributes for the text object, the display objects including a font typeface, size and color;

employing a scalable font associated with the font typeface to render text associated with the text object in a color associated with the color attribute, wherein the text is rendered relative to a location associated with the scaled and offset datum for the text object, and wherein the scale applied to the scalable font is a function of the scale factor and the font size.

179. (New) The hand-held wireless device of claim 177, wherein rendering scaled content associated with an image object comprises:

scaling scalable image content corresponding to the image object to produce a scaled image having a size that is a function of the scale factor and the bounding box corresponding to the image object;

rendering the scaled image on the view of the Web page at a location defined by the scaled and offset datum associated with the image object.

180. (New) The hand-held wireless device of claim 177, wherein the plurality of display objects include at least one graphic layout object, and wherein rendering scaled content associated with a graphic layout object comprises:

scaling one or more vector-based elements associated with the graphic layout object to produce a scaled graphic layout object, the one or more vector-based elements previously derived from processing HTML-based content associated with the graphic layout object; and

rendering the scaled graphic layout object on the view of the Web page at a location defined by the scaled and offset datum associated with the graphic layout object.

181. (New) The hand-held wireless device of claim 177, wherein execution of the software enables the hand-held wireless device to perform further operations comprising maintaining at least one instance of the bounding box information in a manner that is independent of the zoom levels used to view the web page on the display.

182. (New) The hand-held wireless device of claim 157, wherein execution of the software enables the hand-held wireless device to perform further operations comprising:

storing content associated with a representation of the web page on a plurality of layers in memory of the wireless hand-held device; and

combining content from at least a portion of the plurality of layers to render views of the Web page on the display.

183. (New) The hand-held wireless device of claim 182, wherein text and images are stored on separate layers.

184. (New) The hand-held wireless device of claim 157, wherein execution of the software enables the hand-held wireless device to perform further operations comprising enabling a user to zoom on a column of the Web page via a corresponding user input, wherein in response thereto, the display is re-rendered such that content corresponding to the selected column is enlarged.

185. (New) The hand-held wireless device of claim 184, wherein the corresponding user input comprises tapping on the column via the display.

186. (New) The hand-held wireless device of claim 184, wherein the display is re-rendered such that content corresponding to the selected column is rendered to fit across the display.

187. (New) The hand-held wireless device of claim 157, wherein the Web page includes at least one image, and wherein execution of the software enables the hand-held wireless device to perform further operations comprising enabling a user to zoom on an image via a corresponding user input, wherein in response thereto, the display is re-rendered such that the image is enlarged.

188. (New) The hand-held wireless device of claim 187, wherein the corresponding user input comprises tapping on the image via the display.

189. (New) The hand-held wireless device of claim 187, wherein the display is re-rendered such that the image is rendered to fit across the display.

190. (New) The hand-held wireless device of claim 157, wherein execution of the software enables the hand-held wireless device to perform further operations

comprising enabling a user to zoom on a paragraph of the Web page via a corresponding user input, wherein in response thereto, the display is re-rendered such that content corresponding to the selected paragraph is enlarged.

191. (New) The hand-held wireless device of claim 190, wherein the corresponding user input comprises tapping on the paragraph via the display.

192. (New) The hand-held wireless device of claim 190, wherein the display is re-rendered such that content corresponding to the selected paragraph is rendered to fit across the display.

193. (New) The hand-held wireless device of claim 157, wherein a portion of the HTML-based Web content comprises cascading style sheet data defining aspects of the Web page design that are preserved at each of the plurality of zoom levels.

194. (New) The hand-held wireless device of claim 157, wherein execution of the software enables the hand-held wireless device to perform further operations comprising enabling a user to pan a view of the Web page in response to a corresponding user input made via the display.

195. (New) A tangible machine-readable medium having a plurality of instructions comprising a browser stored thereon, the browser configured to run on an operating system of a hand-held wireless device, the plurality of instructions configured to, upon execution, enable the hand-held wireless device to perform operations comprising:

enabling a user of the hand-held wireless device to perform full page browsing of billions of Web pages, each Web page having an original format comprising HTML-based Web content defining an original page layout, functionality, and design of content on the Web page, wherein the user is enabled to browse an entirety of each Web page

on the display at multiple zoom levels while the original page layout, functionality, and design of the HTML-based Web page content is preserved.

196. (New) The machine-readable medium of claim 195, wherein at least one Web page is designed to be viewed on a desktop computer having a display with a resolution of at least 1024 pixels in width to facilitate viewing of a full width of the Web page on the display.

197. (New) The machine-readable medium of claim 195, wherein the hand-held wireless device comprises a mobile phone.

198. (New) The machine-readable medium of claim 195, wherein execution of the software enables the hand-held wireless device to perform further operations comprising performing zoom operations in real time to effect zooming of the Web page.

199. (New) The machine-readable medium of claim 198, wherein at least a portion of the zoom operations are performed in a fraction of a second.

200. (New) The machine-readable medium of claim 195, wherein execution of the software enables the hand-held wireless device to perform further operations comprising enabling the user to view a full width of the web page on the display, wherein the width of the Web page is rendered to fit across the display.

201. (New) The machine-readable medium of claim 200, wherein execution of the software enables the hand-held wireless device to perform further operations comprising:

enabling the user to request access to a new Web page, and

in response thereto, rendering the new Web page on the display such that a width of the Web page is rendered to fit across the display.

202. (New) The machine-readable medium of claim 195, wherein execution of the software enables the hand-held wireless device to perform further operations comprising employing vector-based mathematics to effect zooming operations.

203. (New) The machine-readable medium of claim 195, wherein zooming operations are effected by applying a mathematical transformation to a plurality of points in a two-dimensional coordinate system comprising X and Y axes, including points comprising datums defining page layout locations of corresponding text and image objects mapped to the two-dimensional coordinate system, wherein the mathematical transformation comprises,

$$X' = X * SF + \Delta X;$$

$$Y' = Y * SF + \Delta Y;$$

wherein X, Y is the location of a point prior to transformation, X', Y' is the location of the point after transformation, SF is the scale factor, ΔX is a translation along the X axis, and ΔY is a translation along the Y axis.

204. (New) The machine-readable medium of claim 203, wherein the mathematical transformation is applied to points in a first coordinate system comprising a virtual coordinate system associated with a virtual display area onto which page layout information is mapped to a second coordinate system comprising a device coordinate system corresponding to a pixel resolution of the display of the hand-held wireless device, wherein points are mapped from the first coordinate system to the second coordinate system using the mathematical transformation.

205. (New) The machine-readable medium of claim 195, wherein execution of the software enables the hand-held wireless device to perform further operations comprising:

processing the HTML-based content with a rendering engine to generate page layout information, wherein the page layout information defines a layout location for each of a plurality of display objects, including text object, and image objects included in the Web page;

for each of the plurality of display objects,

storing page layout information including a bounding box defining width and height dimensions for the object; and

storing information that links the object with its corresponding page layout information;

wherein the page layout information further includes information from which a page layout location of each of the bounding boxes can be determined.

206. (New) The machine-readable medium of claim 195, wherein execution of the software enables the hand-held wireless device to perform further operations comprising mapping page layout information to a virtual display area in memory having a resolution that is independent of a resolution of the display, the page layout information that is mapped including an object datum for each object corresponding to where the content for that object is laid out on a representation of the Web page stored in the memory.

207. (New) The machine-readable medium of claim 206, wherein the virtual display area comprises a resolution-independent drawing space and the object datums are mapped to the virtual display area using point vectors identifying respective point locations of the object datums on a two-dimensional coordinate system associated with the virtual display area.

208. (New) The machine-readable medium of claim 205, wherein execution of the software enables the hand-held wireless device to perform further operations comprising:

defining a content display area comprising a portion of the display on which Web page content is to be rendered;

employing a display limit bounding box associated with the content display area that defines a clipping area corresponding to a portion of the representation of the Web page that is to be rendered to the content display area based on a current zoom level and pan offset; and

clipping display content outside the display limit bounding box such that only display content within the display limit bounding box is rendered to the content display area.

209. (New) The machine-readable medium of claim 205, wherein execution of the software enables the hand-held wireless device to perform further operations comprising:

in connection with at least one of a zoom or pan operation that results in a re-rendering of the Web page view on the display,

determining which display objects include at least a portion of their associated display content in the re-rendered Web page view.

210. (New) The machine-readable medium of claim 209, wherein execution of the software enables the hand-held wireless device to perform further operations comprising evaluating at least a portion of the bounding boxes to determine which display objects include at least a portion of their associated display content in the re-rendered Web page view.

211. (New) The machine-readable medium of claim 205, wherein a zoom operation is effected by,

for each of the plurality of display objects to be included in a view of the Web page to be rendered on the display,

scaling page layout information associated with the display object using a scale factor corresponding to a zoom level associated with the zoom operation to determine a scaled datum that defines a location where the display object is to be rendered on the view of the Web page;

scaling content associated with the display object using the scale factor; and

rendering the scaled content at the location defined by the scaled datum to render the display object on the view of the Web page.

212. (New) The machine-readable medium of claim 211, wherein rendering scaled content associated with a text object comprises:

determining display attributes for the text object, the display objects including a font typeface, size and color;

employing a scalable font associated with the font typeface to render text associated with the text object in a color associated with the color attribute, wherein the text is rendered relative to a location associated with the scaled datum for the text object, and wherein the scale applied to the scalable font is a function of the scale factor and the font size.

213. (New) The machine-readable medium of claim 211, wherein rendering scaled content associated an image object comprises:

scaling scalable image content corresponding to the image object to produce a scaled image having a size that is a function of the scale factor and the bounding box corresponding to the image object;

rendering the scaled image on the view of the Web page at a location defined by the scaled datum associated with the image object.

214. (New) The machine-readable medium of claim 211, wherein the plurality of display objects include at least one graphic layout object, and wherein rendering a graphic layout object comprises:

scaling one or more vector-based elements associated with the graphic layout object to produce a scaled graphic layout object, the one or more vector-based elements previously derived from processing HTML-based content associated with the graphic layout object; and

rendering the scaled graphic layout object on the view of the Web page at a location defined by the scaled datum associated with the graphic layout object.

215. (New) The machine-readable medium of claim 205, wherein execution of the software enables the hand-held wireless device to perform further operations comprising effecting a zoom operation combined with a pan operation by,

for each of the plurality of display objects to be included in a panned view of the Web page to be rendered on the display,

scaling page layout information associated with the display object using a scale factor corresponding to a zoom level associated with the zoom operation to determine a scaled datum;

determining an offset corresponding to the pan operation and combining the scaled datum with the offset to produce a scaled and offset datum that defines a location where the display object is to be rendered on the panned view of the Web page;

scaling content associated with the display object using the scale factor; and

rendering the scaled content at the location defined by the scaled and offset datum to render the display object on the panned view of the Web page.

216. (New) The machine-readable medium of claim 215, wherein rendering scaled content associated with a text object comprises:

determining display attributes for the text object, the display objects including a font typeface, size and color;

employing a scalable font associated with the font typeface to render text associated with the text object in a color associated with the color attribute, wherein the text is rendered relative to a location associated with the scaled and offset datum for the text object, and wherein the scale applied to the scalable font is a function of the scale factor and the font size.

217. (New) The machine-readable medium of claim 215, wherein rendering scaled content associated with an image object comprises:

scaling scalable image content corresponding to the image object to produce a scaled image having a size that is a function of the scale factor and the bounding box corresponding to the image object;

rendering the scaled image on the view of the Web page at a location defined by the scaled and offset datum associated with the image object.

218. (New) The machine-readable medium of claim 215, wherein the plurality of display objects include at least one graphic layout object, and wherein rendering scaled content associated with a graphic layout object comprises:

scaling one or more vector-based elements associated with the graphic layout object to produce a scaled graphic layout object, the one or more vector-based elements previously derived from processing HTML-based content associated with the graphic layout object; and

rendering the scaled graphic layout object on the view of the Web page at a location defined by the scaled and offset datum associated with the graphic layout object.

219. (New) The machine-readable medium of claim 215, wherein execution of the software enables the hand-held wireless device to perform further operations comprising maintaining at least one instance of the bounding box information in a manner that is independent of the zoom levels used to view the web page on the display.

220. (New) The machine-readable medium of claim 195, wherein execution of the software enables the hand-held wireless device to perform further operations comprising:

storing content associated with a representation of the web page on a plurality of layers in memory of the wireless hand-held device; and

combining content from at least a portion of the plurality of layers to render views of the Web page on the display.

221. (New) The machine-readable medium of claim 220, wherein text and images are stored on separate layers.

222. (New) The machine-readable medium of claim 195, wherein execution of the software enables the hand-held wireless device to perform further operations comprising enabling a user to zoom on a column of the Web page via a corresponding user input, wherein in response thereto, the display is re-rendered such that content corresponding to the selected column is enlarged.

223. (New) The machine-readable medium of claim 222, wherein the corresponding user input comprises tapping on the column via the display.

224. (New) The machine-readable medium of claim 222, wherein the display is re-rendered such that content corresponding to the selected column is rendered to fit across the display.

225. (New) The machine-readable medium of claim 195, wherein the Web page includes at least one image, and wherein execution of the software enables the hand-held wireless device to perform further operations comprising enabling a user to zoom on an image via a corresponding user input, wherein in response thereto, the display is re-rendered such that the image is enlarged.

226. (New) The machine-readable medium of claim 225, wherein the corresponding user input comprises tapping on the image via the display.

227. (New) The machine-readable medium of claim 225, wherein the display is re-rendered such that the image is rendered to fit across the display.

228. (New) The machine-readable medium of claim 195, wherein execution of the software enables the hand-held wireless device to perform further operations comprising enabling a user to zoom on a paragraph of the Web page via a corresponding user input, wherein in response thereto, the display is re-rendered such that content corresponding to the selected paragraph is enlarged.

229. (New) The machine-readable medium of claim 228, wherein the corresponding user input comprises tapping on the paragraph via the display.

230. (New) The machine-readable medium of claim 228, wherein the display is re-rendered such that content corresponding to the selected paragraph is rendered to fit across the display.

231. (New) The machine-readable medium of claim 195, wherein a portion of the HTML-based Web content comprises cascading style sheet data defining aspects of the Web page design that are preserved at each of the plurality of zoom levels.

232. (New) The machine-readable medium of claim 195, wherein execution of the software enables the hand-held wireless device to perform further operations comprising enabling a user to pan a view of the Web page in response to a corresponding user input made via the display.

REMARKS

Entry of the preliminary amendments herein is respectfully solicited. An inadvertent error in identification of U.S. Non-provisional Application No. 09/825,511 in paragraph [0001] of the specification has been correct to now reference U.S. Non-provisional Application No. 09/828,511. Claims 1-116 have been canceled and replaced with new claims 117-232.

It is noted that the use of the terms "tangible" and "stored" in the machine-readable medium claim 195 ("A tangible machine-readable medium having a plurality of instructions comprising a browser stored thereon …") is to preclude this claim from including carrier-wave signals. Accordingly, Applicants respectfully assert that claim 195 and each of claims 196-232, which depend thereon, meet the requirements the statutory subject matter requirements of 35 U.S.C. §101.

Respectfully submitted,

LAW OFFICE OF R. ALAN BURNETT, PS

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PTO/SB/81 (01-09)
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Application Number	11738486
Filing Date	04/21/2007
First Named Inventor	Gary Rohrabaugh
Title	Scalable Display of Internet Content on Mob
Art Unit	2176
Examiner Name	Tran, Quoc A.
Attorney Docket Number	005207.P001XC3

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

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I am the:

☐ Applicant/Inventor.

OR

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) (Form PTO/SB/96) submitted herewith or filed on _____.

SIGNATURE of Applicant or Assignee of Record

Signature	/Gary B. Rohrabaugh/	Date	04/19/2010
Name	Gary B. Rohrabaugh	Telephone	360 676 0999
Title and Company			

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of 1 forms are submitted.

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Gary B. Rohrabaugh

Application No./Patent No.: 11/735,477 Filed/Issue Date: 04/15/2007

Titled: Resolution Independent Vector Display of Internet Content

Gary B. Rohrabaugh , a individual

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.

states that it is:

1. ☐ the assignee of the entire right, title, and interest in;

2. ☐ an assignee of less than the entire right, title, and interest in (The extent (by percentage) of its ownership interest is _____ %); or

3. ☒ the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

the patent application/patent identified above, by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy therefore is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Gary B. Rohrabaugh and Scott A. Sherman To: SoftSource Corporation

The document was recorded in the United States Patent and Trademark Office at
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[NOTE: A separate copy (*i.e.*, a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Gary B. Rohrabaugh/ 04/19/2010

Signature Date

Gary B. Rohrabaugh individual

Printed or Typed Name Title

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2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt	
EFS ID:	7481683
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Correspondence Address:	GARY ROHRABAUGH - 3112 MAPLE RIDGE COURT - BELLINGHAM WA 98229 US - -
Filer:	R. Burnett
Filer Authorized By:	
Attorney Docket Number:	
Receipt Date:	24-APR-2010
Filing Date:	15-APR-2007
Time Stamp:	20:49:49
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Preliminary Amendment	P001XC_Pre_Amd_3.pdf	204642 26927d02bf01d03367b0e373ce0b068df06b9594	no	32
Warnings:					
Information:					
2	Power of Attorney	sb0081_P001XC3_POA-signed.pdf	1464268 05be54c54291480185b3b80e30880a10d1ac5510	no	2
Warnings:					
Information:					
3	Power of Attorney	Rohrabaugh_P001XC_POA_sb0096-signed.pdf	472402 1eb875ee3a8a82c48836198019226582 1ba73504	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	2141312		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/SB/06 (07-06)
Approved for use through 1/31/2007. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 11/735,477	Filing Date 04/15/2007	☐ To be Mailed

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)	SMALL ENTITY ☒		OR	OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE ($)	FEE ($)		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =			X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT 04/24/2010	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE ($)	ADDITIONAL FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	* 116	Minus	** 116	= 0	X $26 =	0	OR	X $ =	
Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X $110 =	0	OR	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
					TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE	

AMENDMENT	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)		RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =		OR	X $ =	
Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =		OR	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
/DORIAN P. EVANS/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/06 (07-06)
Approved for use through 1/31/2007. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number	Filing Date	☐ To be Mailed
11/735,477	04/15/2007	

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY ☒ RATE ($)	SMALL ENTITY ☒ FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =			X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT 04/24/2010	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE ($)	SMALL ENTITY ADDITIONAL FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	* 116	Minus	** 116	= 0	X $26 =	0	OR	X $ =	
Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X $110 =	0	OR	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
					TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE	

AMENDMENT	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)		RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =		OR	X $ =	
Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =		OR	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
/DORIAN P. EVANS/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/735,477	04/15/2007	Gary B. Rohrabaugh	

CONFIRMATION NO. 2104

GARY ROHRABAUGH
3112 MAPLE RIDGE COURT
BELLINGHAM, WA 98229

POWER OF ATTORNEY NOTICE

OC00000004153976S

Date Mailed: 05/14/2010

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 04/24/2010.

- The Power of Attorney to you in this application has been revoked by the assignee who has intervened as provided by 37 CFR 3.71. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

/dpevans/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/735,477	04/15/2007	Gary B. Rohrabaugh	

CONFIRMATION NO. 2104

59860
LAW OFFICE OF R. ALAN BURNETT
4108 131ST AVE. SE
BELLEVUE, WA 98006

POA ACCEPTANCE LETTER

OC00000004539766

Date Mailed: 05/14/2010

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 04/24/2010.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

/dpevans/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

PTO/SB/81 (01-09)
Approved for use through 11/30/2011. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS

Application Number	11735477
Filing Date	04/15/2007
First Named Inventor	Gary Rohrabaugh
Title	Resolution Independent Vector Display of In
Art Unit	2176
Examiner Name	Robinson, Marshon L.
Attorney Docket Number	005207.P001XC

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith: 59860

OR

☐ I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

Practitioner(s) Name	Registration Number

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number.

OR

☐ The address associated with Customer Number:

OR

☐	Firm or Individual Name				
Address					
City		State		Zip	
Country					
Telephone		Email			

I am the:

☐ Applicant/Inventor.

OR

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) (Form PTO/SB/96) submitted herewith or filed on _____

SIGNATURE of Applicant or Assignee of Record

Signature	Gary B Rohrabaugh	Date	5-18-2010
Name	Gary B. Rohrabaugh	Telephone	360 676-0999
Title and Company	Manager Soft Views LLC		

NOTE. Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/96 (04-09)
Approved for use through 05/31/2009. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Softview L.L.C.

Application No./Patent No.: 11/735,477 Filed/Issue Date: 04/15/2007

Titled: Method, Apparatus, and Browser to Support Full-page Web Browsing on Hand-held Wireless Devices

Softview L.L.C. , a Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. [X] the assignee of the entire right, title, and interest in;

2. [ ] an assignee of less than the entire right, title, and interest in (The extent (by percentage) of its ownership interest is _____ %); or

3. [ ] the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

the patent application/patent identified above, by virtue of either:

A. [ ] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy therefore is attached.

OR

B. [X] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Gary B. Rohrabaugh and Scott A. Sherman To: SoftSource Corporation
The document was recorded in the United States Patent and Trademark Office at
Reel 020217, Frame 0564, or for which a copy thereof is attached.

2. From: SoftSource Corporation To: SoftSource LLC
The document was recorded in the United States Patent and Trademark Office at
Reel 020217, Frame 0569, or for which a copy thereof is attached.

3. From: SoftSource LLC To: Gary B. Rohrabaugh
The document was recorded in the United States Patent and Trademark Office at
Reel 020217, Frame 0574, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet(s).

[ ] As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (*i.e.*, a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Gary B. Rohrabaugh — Signature — 5-18-2010 — Date

Gary B. Rohrabaugh — Printed or Typed Name — Manager — Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/96 (04-09)
Approved for use through 05/31/2009. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Softview L.L.C. (Supplemental Sheet)

Application No./Patent No.: 11/735,477 Filed/Issue Date: 04/23/2007

Titled:
Method, Apparatus, and Browser to Support Full-page Web Browsing on Hand-held Wireless Devices

Softview L.L.C. , a Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.

states that it is:

1. [X] the assignee of the entire right, title, and interest in;

2. [ ] an assignee of less than the entire right, title, and interest in
(The extent (by percentage) of its ownership interest is _____ %); or

3. [ ] the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

the patent application/patent identified above, by virtue of either:

A. [ ] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy therefore is attached.

OR

B. [X] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Gary B. Rohrabaugh To: SoftView L.L.C.

The document was recorded in the United States Patent and Trademark Office at
Reel 024358, Frame 0179, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet(s).

[ ] As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (*i.e.*, a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

_____ _____
Signature Date

_____ _____
Printed or Typed Name Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Electronic Acknowledgement Receipt	
EFS ID:	7648611
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	59860
Filer:	R. Burnett
Filer Authorized By:	
Attorney Docket Number:	
Receipt Date:	19-MAY-2010
Filing Date:	15-APR-2007
Time Stamp:	21:47:28
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	SoftView_POA_P001XC_Signed.pdf	1011012 086a867415a76952e860de1e610737308ae8a6d6	no	1

Warnings:
Information:

2	Assignee showing of ownership per 37 CFR 3.73(b).	SoftView_P001XC_373b-Signed.pdf	2193891 483fac5d5b7611e0454e880988f80de196531418	no	2

Warnings:	
Information:	
Total Files Size (in bytes):	3204903

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Certificate of Electronic Filing

I hereby certify that this correspondence is being Electronically Filed via EFS on May 23, 2009
Date of Electronic Filing
R. Alan Burnett
Name of Person Filing Correspondence
/S/ R. Alan Burnett — May 23, 2009
Signature — Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	)	
Rohrabaugh et al.	)	Examiner: Herndon, Heather R.
	)	
Serial No. 12/326,092	)	Art Unit: 2176
	)	
Filed: December 1, 2008	)	
	)	
For: SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES	)	

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT AND NOTICE OF LITIGATION UNDER MPEP 2001.06(C)

Sir:

In accordance with the provisions of MPEP 2001.06(c) and 37 C.F.R §§ 1.56, 197, and 1.98, the Patent Office's attention is directed to ongoing litigation between the assignee of the above-identified application (SoftView LLC) and defendants Apple Inc. and AT&T Mobility LLC. The litigation, Case No. 1:10-cv-00389-JJF-LPS, is ongoing in the United States District Court for the District of Delaware.

In a complaint filed May 10, 2010, SoftView LLC has asserted one or more claims in U.S. Patent 7,461,353. The '353 patent is a divisional of the parent (U.S. Application Serial No. 09/878,097 issued as U.S. Patent 7,210,099) of the above-identified application. As of this date, there has been no answer filed in response to the complaint. A copy of the complaint and Report on the Filing or Determination of an Action Regarding a Patent or Trademark are provided electronically herewith and listed on the PTO Form PTO/SB/08b filed herewith.

Respectfully submitted,

LAW OFFICE OF R. ALAN BURNETT, PS

Date: May 23, 2009 /S/ R. Alan Burnett

R. Alan Burnett
Reg. No. 46,149

4108 131st Ave SE
Bellevue, WA 98006

Electronic Acknowledgement Receipt	
EFS ID:	7667263
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	59860
Filer:	R. Burnett
Filer Authorized By:	
Attorney Docket Number:	
Receipt Date:	23-MAY-2010
Filing Date:	15-APR-2007
Time Stamp:	16:35:06
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	NPL Documents	P001XC_US_IDS_Form_SB_08b_lit1.pdf	325240 4fbf3e53b4bd9106e0c86416dc2f972f6528daad	no	2
Warnings:					
Information:					

2	Transmittal Letter	P001XC_Lit_Notice.pdf	26021 572ef33ef78fa21f81e862762c19b2770b7830d8	no	2
Warnings:					
Information:					
3	NPL Documents	SoftView_v_Apple_et_al_Complaint_1.pdf	52948 066a9b82cd36752394002358726ba3cdaf8259df	no	5
Warnings:					
Information:					
4	NPL Documents	Report_Commissioner_Patents_1.pdf	30999 1f615fc7a97773f44e0aad99a7b57214f8c9f5ee	no	1
Warnings:					
Information:					
		Total Files Size (in bytes):	435208		

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New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/SB/08b (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	11735477
Filing Date	2007-04-15
First Named Inventor	Rohrabaugh
Art Unit	2178
Examiner Name	Robinson, Marshon L.
Attorney Docket Number	005207.P001XC

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	1	Complaint, SoftView LLC v. Apple Inc. et al. Case No. 1:10-cv-00389-JJF-LPS, the United States District Court for the District of Delaware	
	2	Report on the Filing or Determination of an Action Regarding a Patent or Trademark Case 1:10-cv-00389-JJF-LPS	
	3		
	4		

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PTO/SB/08a (01-10)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	11735477
Filing Date	2007-04-15
First Named Inventor	Rohrabaugh
Art Unit	2176
Examiner Name	Robinson, Marshon L.
Attorney Docket Number	005207.P001XC

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							☐

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NON-PATENT LITERATURE DOCUMENTS Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Robinson, Marshon L.
	Attorney Docket Number	005207.P001XC

	1	Combined Printout of HTML Help Files for Opera 3.60 (HTML pages printed to PDF docs and combined), Available on May 12, 1999.	☐
	2	Screenshots compilations of Web pages using Opera 3.60, including: www.Altavista.com – May 1, 1999 www.cnet.com – May 8, 1999 www.excite.com – May 8, 1999 www.nytimes.com – April 22, 1999	☐
	3	Non-Final Office Action for US Application Serial No. 09/828,511, Mailed on March 22, 2004. Not publicly available via PAIR – check USPTO paper file wrapper.	☐
	4	Notice of Allowance for US Application Serial No. 11/738,486	☐
	5	Notice of Allowance for US Application Serial No. 11/738,932	☐
	6	Non-Final Office Action for US Application Serial No. 11/735,482, Mailed April 27, 2010	☐

If you wish to add additional non-patent literature document citation information please click the Add button Add

EXAMINER SIGNATURE

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Robinson, Marshon L.
	Attorney Docket Number	005207.P001XC

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/R. Alan Burnett/	Date (YYYY-MM-DD)	2010-06-22
Name/Print	R. Alan Burnett	Registration Number	46149

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

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1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Attorney Docket No. 005207.P001XC *Patent*

Certificate of Electronic Filing

I hereby certify that this correspondence is being Electronically Filed via EFS on June 22, 2010
Date of Electronic Filing

R. Alan Burnett
Name of Person Filing Correspondence

/S/ R. Alan Burnett — June 22, 2010
Signature — Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	
Rohrabaugh et al.	Examiner: Robinson, Marshon L.
Serial No. 11/735,477	Art Unit: 2178
Filed: April 15, 2007	
For: RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT	

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Electronically filed herewith is a copy of Information Disclosure Statement Form PTO/SB/08 together with copies of the documents cited on that form (except as noted below). It is respectfully requested that the cited documents be considered and that the filed copy of Information Disclosure Statement Form PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Applicants have identified the existence of the first (and only) Office Action issued in 09/828,511 in the Information Disclosure Statement. The present application is a continuation of U.S. Application Serial No. 09/878,097, which is a

continuation in part of 09/828,511. The corresponding IDS item is listed as "Non-Final Office Action for U.S. Application Serial No. 09/828,511, Mailed on March 22, 2004. Not publicly available via PAIR – check USPTO paper file wrapper." The law firm that filed 09/828,511 (Blakely, Sokoloff, Taylor, and Zafman) has indicated the file for this application is either missing or was destroyed in view of abandonment of the application. Additionally, the file wrapper image is not available via PAIR. As a result, Applicants do not have access to a copy of the Office Action. However, the USPTO should have paper copy of the file wrapper containing a copy of this Office Action.

Applicants also submit herewith an electronic copy of the Notice of Allowances in U.S. Application Serial Nos. 11/738,486 and 11/738,932, along with an electronic copy of a non-final Office Action for U.S. Application Serial No. 11/735,482. Electronic copies of other official actions issued by the USPTO for applications related to the present application (*i.e.*, applications in the same family) have been previously submitted. The following table lists all current related applications in the family, with the application for which the present IDS is being submitted shown in bold. Applicants note that the entire file histories for each of the applications listed below are available internally at the USPTO. However, applicants will provide an electronic copy of any action, response, reference, or any other paper in the file history of any of the application if so requested.

Application No.	**Filing Date**	**Relationship**	**Status**
60/211,345	06-12-2000	Provisional Application	Expired
60/217,345	07-11-2000	Provisional Application	Expired
09/828,511	04-07-2001	Original Non-provisional application	Abandoned
09/878,097	06-08-2001	Continuation-in-part of 09/828,511	7,210,099
11/045,649	01-28-2005	Divisional of 09/878,097	7,584,423
11/045,757	01-28-2005	Divisional of 09/878,097	7,461,353
11/735,477	**04-15-2007**	**Continuation of 09/878,097**	**Awaiting First Action**
11/735,482	04-15-2007	Continuation of 09/878,097	Non-Final Action
11/738,486	04-21-2007	Continuation of 09/878,097	Allowed
11/738,932	04-23-2007	Continuation of 09/878,097	Allowed
11/868,124	10-05-2007	Divisional of 11/045,757	Awaiting First Action
12/326,092	12-01-2008	Continuation of 11/045,757	Awaiting First Action

Submission of the USPTO Actions issued for the foregoing applications does not indicate that the Applicants agree with any rejection thereon, or in any position taken by an Examiner.

Respectfully submitted,

LAW OFFICE OF R. ALAN BURNETT, PS

Date: June 22, 2010

/S/ R. Alan Burnett
R. Alan Burnett
Reg. No. 46,149

4108 131st Ave SE
Bellevue, WA 98006
(425) 562-0923

Attorney Docket No. 005207.P001XC *Patent*

Certificate of Electronic Filing

I hereby certify that this correspondence is being Electronically Filed via EFS on June 22, 2010
Date of Electronic Filing

R. Alan Burnett
Name of Person Filing Correspondence

/S/ R. Alan Burnett — June 22, 2010
Signature — Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	
Rohrabaugh et al.	Examiner: Robinson, Marshon L.
Serial No. 11/735,477	Art Unit: 2178
Filed: April 15, 2007	
For: RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT	

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT REMARKS

Sir:

Applicants respectfully request the Examiner consider the following remarks which are provided in conjunction with a concurrently filed Supplemental Information Disclosure.

REMARKS

Concurrently filed herewith is a Supplemental Information Disclosure Statement by which the Applicants disclose information concerning the Opera 3.60 browser software application (hereinafter *Opera 3.60* may also be used to designate this software application). In accordance with *In re Epstein*, 32 F.3d 1559, 1567-68, 31 USPQ2d 1817, 1823 (Fed. Cir. 1994), it is believed that the *Opera 3.60* software application (itself) and textual content in the application's html and txt files qualifies as prior art under *35 U.S.C. §102(b)* as being "…in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States …" As is well understood, "the date of application" in a continuation or divisional application refers to the priority date of the continuation or divisional application. Similarly, if the parent application is based on a provisional application, the filing date of the provisional application applies for the purpose of the "critical date" under *35 U.S.C. §102(b)*. The critical date of the instant application is the filing date of the first provisional application referenced in the priority chain (60/211,019), that being June 12, 2000. It is believed by the Applicants that the *Opera 3.60* software application was at least one of in use or on sale in this country prior to June 12, 1999. In view of this belief and in accordance with Applicants' and the undersigned representative's duties under Rule 56 (*37 C.F.R. § 1.56*), Applicants hereby submit a copy of the *Opera 3.60* browser software application and supporting material.

With emphasis added through underlining, M.P.E.P. § 2128 states:

> An electronic publication, including an on-line database or Internet publication, is considered to be a "printed publication" within the meaning of 35 U.S.C. 102(a) and (b) provided the publication was accessible to persons concerned with the art to which the document relates. See *In re Wyer*, 655 F.2d 221, 227, 210 USPQ 790, 795 (CCPA 1981) ("Accordingly, whether information is printed,

> handwritten, or on microfilm or a magnetic disc or tape, etc., the one who wishes to characterize the information, in whatever form it may be, as a 'printed publication' * * * should produce sufficient proof of its dissemination or that it has otherwise been available and accessible to persons concerned with the art to which the document relates and thus most likely to avail themselves of its contents.'" (citations omitted).).

With emphasis added through underlining, M.P.E.P. § 2128 further states:

> Prior art disclosures on the Internet or on an on-line database are considered to be publicly available as of the date the item was publicly posted. *>Absent evidence of the date that the disclosure was publicly posted, if< the publication >itself< does not include a publication date (or retrieval date), it cannot be relied upon as prior art under 35 U.S.C. 102(a) or (b)

Applicants acknowledge the basis for the belief that *Opera 3.60* was in use and/or on sale in the United States prior to June 12, 1999 is based on hearsay evidence that would normally be excluded under the Federal Rules of Evidence. However, as discussed in *Epstein*, "The general rule is that administrative agencies like the PTO are not bound by the rules of evidence that govern judicial proceeding." In consideration of hearsay evidence being allowed, the belief that *Opera 3.60* was in use or on sale in the United States basis is based on the following.

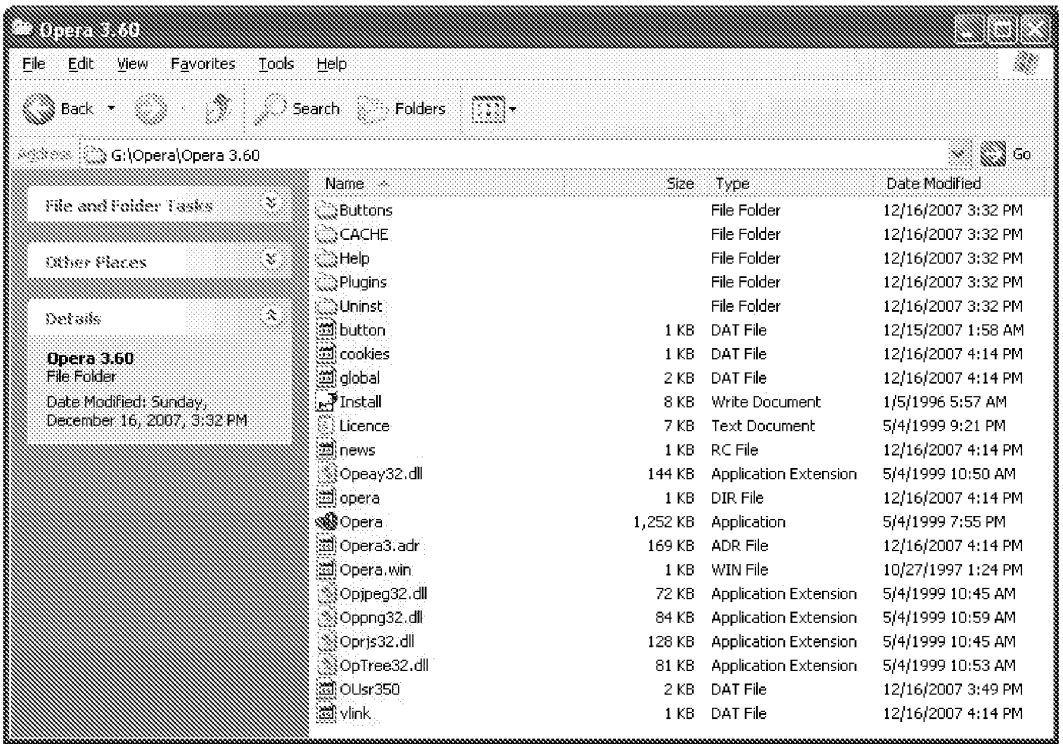
Substantially all versions of the Opera browser, including version 3.60, are purportedly available for download from a German Web page with a URL of

http://opera-fansite.de/wiki/download+alte+Versionen.

A printout of the corresponding Web page is submitted herewith. Another Web page concerning a timeline of Opera Browser Releases (also having a printout submitted herewith) indicates that Opera version 3.60 was released on May 12, 1999. Presumably, the 3.60 version of Opera was available over the Internet on or shortly after this date, as the software application was developed in

Norway by a Norwegian company, and distribution of the software was typically via the Internet. In considering this documentary evidence, it is believed that download of *Opera 3.60* was available to a person in the United States at least prior to June 12, 1999, the §102(b) bar date.

To further support the dates purported on the attached Web pages, the software accessible via the German Web page has been downloaded and installed on several computers operated by Applicant Gary Rohrabaugh and the undersigned representative, further details of which are submitted herewith. The dates of the software components are depicted below in the following screenshot of the file listing in a copy of the directory in which Opera was installed on one computer:



Explorer Listing of *Opera 3.60* Components (top level folder)

As is clearly evident, several of the software components, including the Opera application itself, have a date of 5/4/1999. This adds support to the belief that Opera 3.60 was in fact released on May 12, 1999.

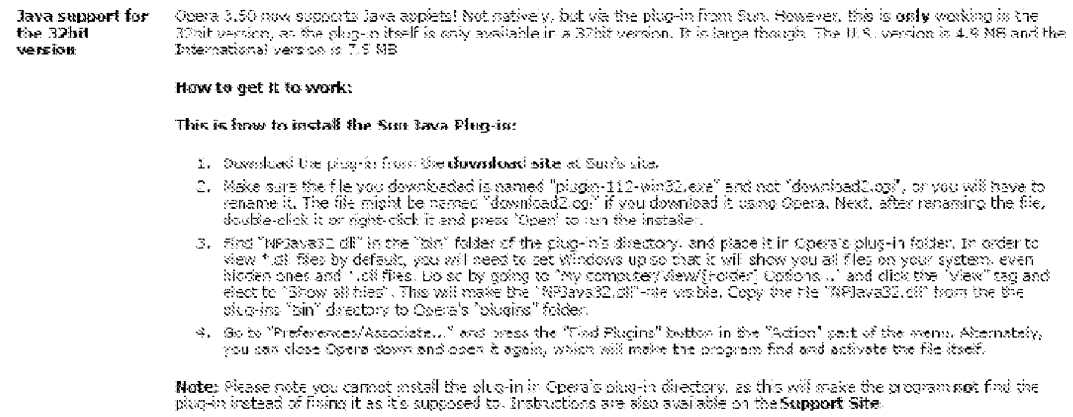
During prosecution of U.S. Application Serial No. 11/045,649 (issued as U.S. Patent 7,584,423) and U.S. Application Serial No. 11/045,757 (issued as U.S. Patent 7,451,353), both of which are divisionals of the parent of present application (U.S. Application Serial No. 09/878,097 issued as U.S. Patent 7,210,099), Applicants submitted three copies of the following on CD-R Media (three copies of the media) having the following stored thereon:

1) A software copy of the *Opera 3.60* self-extracting (.exe) file downloaded by the aforementioned German Web page (360.exe in Opera 3.60 Self Extract folder).
2) A software copy of the *Opera 3.60* components in their installation configuration. (Opera 3.60 Folder)
3) Software copies of the PDF files corresponding to the Opera 3.60 Help documentation (Opera 3.60 Documentation (PDF) folder).
4) A software copy of a self-extracting file from which the version 1.1.2 Java Plug-in may be installed. (Java 1.1.2 Plug-in folder)
5) Software copies of the PDF files corresponding to the screenshots. (Opera 3.60 Screenshots subfolders)
6) Software copies of the MS Word documents from which the PDF files of the screenshots were derived, to provide access to JPEG screenshot images. (Opera 3.60 Screenshots subfolder)
7) Software copies of the PDF files corresponding to the aforementioned German Web page and Opera version release Web page. (Opera Release Web Pages folder)

In attempting to submit the software copies referenced above, the undersigned representative researched the MPEP and consulted a number of other patent attorneys at various well-respected law firms. It was the general consensus that there is no provision in the MPEP to submit copies of software applications (i.e., executable code, including code for installing a software application), although there are provisions for submitting materials relevant to patentability on CD-R Media (for example, biological sequence listings). Accordingly, applicants attempted to meet the Rule 56 disclosure criteria, in part, via submission of the above-mentioned materials on CD-R Media. However, the OIPE or other USPTO entity that reviews IDS materials submitted via CD-R Media rejected entry of the materials via CD-R Media.

As stated above, a purported version of Opera 3.60 can be downloaded from http://opera-fansite.de/wiki/download+alte+Versionen.

The *Opera 3.60* self-extracting (.exe) file may be run to install *Opera 3.60* on a computer running a Windows-based operating system. Successful installation and operation has been confirmed on computers running Windows 98, Windows 2000 Professional, and Windows XP operating systems. Confirmation of compatibility with Windows Vista OS and Windows 7 has not been attempted. Similarly, the Java 1.1.2 plug-in can be installed by running the corresponding plugin-112-win32.exe file. Further details for installing the Java 1.1.2 plug-in are shown below:



Java support for the 32bit version

Opera 3.50 now supports Java applets! Not natively, but via the plug-in from Sun. However, this is **only** working in the 32bit version, as the plug-in itself is only available in a 32bit version. It is large though. The U.S. version is 4.6 MB and the International version is 7.9 MB

How to get it to work:

This is how to install the Sun Java Plug-in:

1. Download the plug-in from the **download site** at Sun's site.
2. Make sure the file you downloaded is named "plugin-112-win32.exe" and not "download2.cgi", or you will have to rename it. The file might be named "download2.cgi" if you download it using Opera. Next, after renaming the file, double-click it or right-click it and press 'Open' to run the installer.
3. Find "NPJava32.dll" in the "bin" folder of the plug-in's directory, and place it in Opera's plug-in folder. In order to view *.dll files by default, you will need to set Windows up so that it will show you all files on your system, even hidden ones and *.dll files. Do so by going to "My computer/View/[Folder] Options..." and click the "View" tag and elect to "Show all files". This will make the "NPJava32.dll"-file visible. Copy the file "NPJava32.dll" from the the plug-ins "bin" directory to Opera's "plugins" folder.
4. Go to "Preferences/Associate..." and press the "Find Plugins" button in the "Action" part of the menu. Alternately, you can close Opera down and open it again, which will make the program find and activate the file itself.

Note: Please note you cannot install the plug-in in Opera's plug-in directory, as this will make the program **not** find the plug-in instead of fixing it as it's supposed to. Instructions are also available on the **Support Site**.

It is noted the Java plug-in is not needed to run Javascript, which is alleged to be supported in the *Opera 3.60* documentation. It is further noted that there was no difference observed when running *Opera 3.60* with or without the Java 1.1.2 plug-in, although *Opera 3.60* was not tested extensively.

It is understood that the USPTO may have rules that prevent examiners from installing software application submitted in this manner for testing purposes. According, Applicants also submit herewith a number of screenshots captured while running *Opera 3.60* on computers running Microsoft Windows 98 and Windows 2000 Professional operating systems. Applicants acknowledge the screen shots are merely representative of the behavior of *Opera 3.60* when viewing a handful of Web pages; submission of additional screenshots is believed to be cumulative.

Use of Wayback Machine (Internet Archive)

The sets of screenshots that are submitted in the associated Information Disclosure Statement filed herewith were accessed using the "Wayback Machine" (*a.k.a.* Internet Archive), which may be accessed at www.archive.org/. This website is operated as a non-profit organization established to preserve Web sites by taking regular "snapshots." As stated on the website,

> The Internet Archive is a 501(c)(3) non-profit that was founded to build an Internet library, with the purpose of offering

> permanent access for researchers, historians, and scholars to historical collections that exist in digital format. Founded in 1996 and located in the Presidio of San Francisco, the Archive has been receiving data donations from Alexa Internet and others. In late 1999, the organization started to grow to include more well-rounded collections. Now the Internet Archive includes texts, audio, moving images, and software as well as archived web pages in our collections.

For the purpose of this submission, it is presumed that the information concerning the archival dates is valid (or otherwise close to accurate). Several of the Web pages have dates on them, adding validity to the alleged dates.

The purpose of using the Internet Archive was to observe the behavior of *Opera 3.60* when rendering Web pages that were available proximate to its release date (May 12, 1999). Try as he may, the undersigned representative could not find any Web pages with dates from May 12 – June 12 1999 – that is between the release date of *Opera 3.60* and the one year §102(b) date. In view of this, Web pages with publication dates proximate to May 12, 1999 were selected (as available). It is reasonable to believe these Web pages were likely available on May 12, 1999, or shortly thereafter. Accordingly, applicants respectfully assert that the disclosed screenshots qualify as prior art under 35 U.S.C. §102(b) in view of the *In re Epstein*, as discussed above.

Applicants respectfully note that the versions of the Web pages returned by the Internet Archive are augmented with the following script (or similar) located at the end of the page source document:

```
<SCRIPT language="Javascript">
<!--

// FILE ARCHIVED ON 19991010025744 AND RETRIEVED FROM THE
// INTERNET ARCHIVE ON 20080121053652.
// JAVASCRIPT APPENDED BY WAYBACK MACHINE, COPYRIGHT INTERNET ARCHIVE.
// ALL OTHER CONTENT MAY ALSO BE PROTECTED BY COPYRIGHT (17 U.S.C.
// SECTION 108(a)(3)).
```

```
   var sWayBackCGI = "http://web.archive.org/web/19991010025744/";

   function xResolveUrl(url) {
      var image = new Image();
      image.src = url;
      return image.src;
   }
   function xLateUrl(aCollection, sProp) {
      var i = 0;
      for(i = 0; i < aCollection.length; i++) {
         if (typeof(aCollection[i][sProp]) == "string") {
          if (aCollection[i][sProp].indexOf("mailto:") == -1 &&
             aCollection[i][sProp].indexOf("javascript:") == -1) {
            if(aCollection[i][sProp].indexOf("http") == 0) {
                aCollection[i][sProp] = sWayBackCGI +
aCollection[i][sProp];
            } else {
                aCollection[i][sProp] = sWayBackCGI +
xResolveUrl(aCollection[i][sProp]);
            }
         }
         }
      }
   }

   xLateUrl(document.getElementsByTagName("IMG"),"src");
   xLateUrl(document.getElementsByTagName("A"),"href");
   xLateUrl(document.getElementsByTagName("AREA"),"href");
   xLateUrl(document.getElementsByTagName("OBJECT"),"codebase");
   xLateUrl(document.getElementsByTagName("OBJECT"),"data");
   xLateUrl(document.getElementsByTagName("APPLET"),"codebase");
   xLateUrl(document.getElementsByTagName("APPLET"),"archive");
   xLateUrl(document.getElementsByTagName("EMBED"),"src");
   xLateUrl(document.getElementsByTagName("BODY"),"background");
   var forms = document.getElementsByTagName("FORM");
   if (forms) {
       var j = 0;
       for (j = 0; j < forms.length; j++) {
              f = forms[j];
              if (typeof(f.action)  == "string") {
                 if(typeof(f.method)  == "string") {
                     if(typeof(f.method) != "post") {
                        f.action = sWayBackCGI + f.action;
                     }
                  }
              }
        }
    }


//-->
</SCRIPT>
```

Applicants do not believe the added script has any adverse affect to the rendering of the pages. Rather, the script appears to be for the purpose of resolving URLs referenced within the HTML page definition.

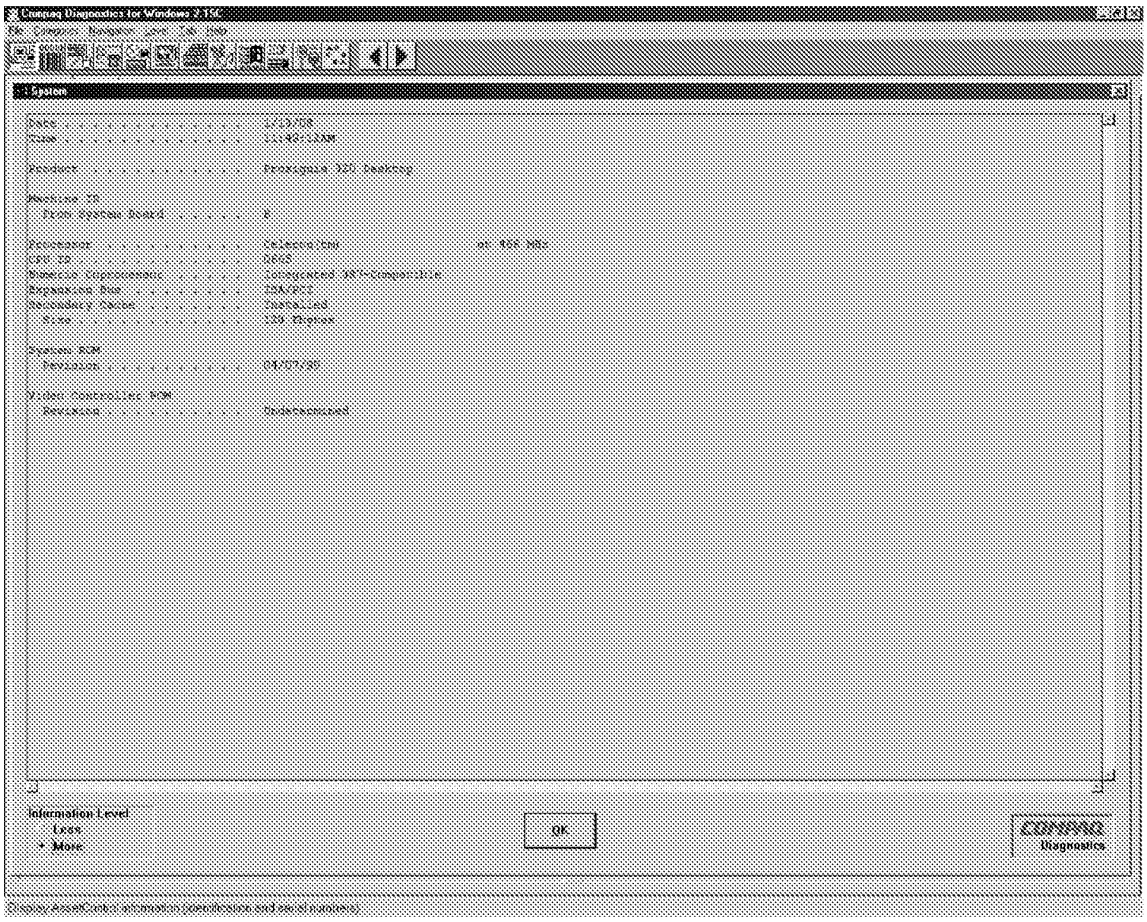
In addition to the screenshot documents identified in the Information Disclosure Statement form PTO/SB/08a, there are some additional screenshots documents that are not being submitted as IDS references (since they are not purported to qualify as prior art references under *Epstein*), but are being submitted for more complete observation of the *Opera 3.60* behavior. It is noted that all of the screenshots captured in the documents listed in the IDS were captured using a machine running the Windows 2000 Professional operating system. Applicants note that there was no observed behavior difference of any significance when rendering pages with *Opera 3.60* under Windows 98 and Windows 2000 Professional, as evidenced by the screenshot documents submitted herewith but not listed in on IDS form PTO/SB/08a. It is noted that Windows 2000 was not available at the time of *Opera 3.60's* release date (it became available in early 2000).

Test Environments

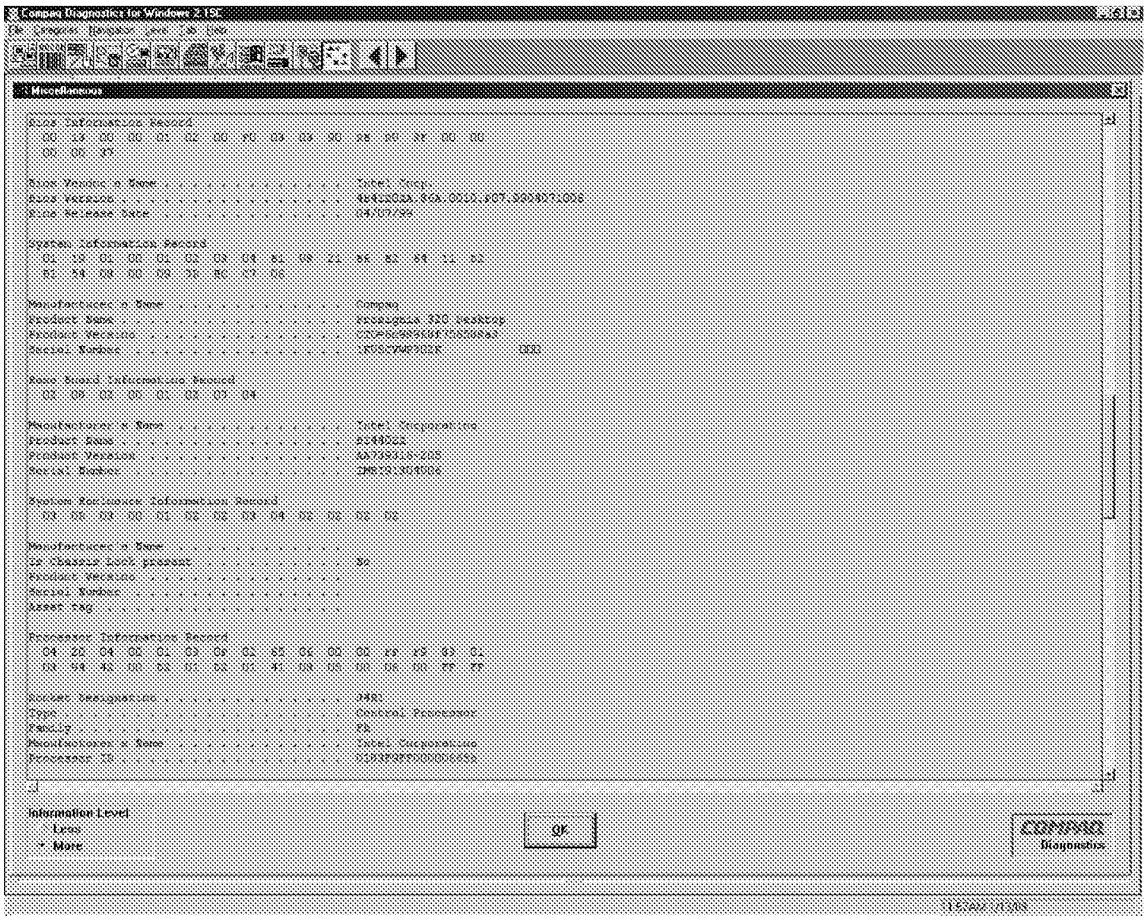
As discussed above, *Opera 3.60* was tested on computers running Microsoft Windows 98, Windows 2000 Professional, and Windows XP operating systems. However, only screenshots from computers running Windows 98 and Windows 2000 Professional are submitted herewith.

In general, the purpose of the screenshots is to demonstrate the behavior of the self-described (by *Opera 3.60* documentation) "page zooming" feature. The page zooming feature is (presumably) designed to enable users to view Web pages at different zoom levels; however, the performance of this feature was rather unpredictable and inconsistent, as evidence by the attached screenshots.

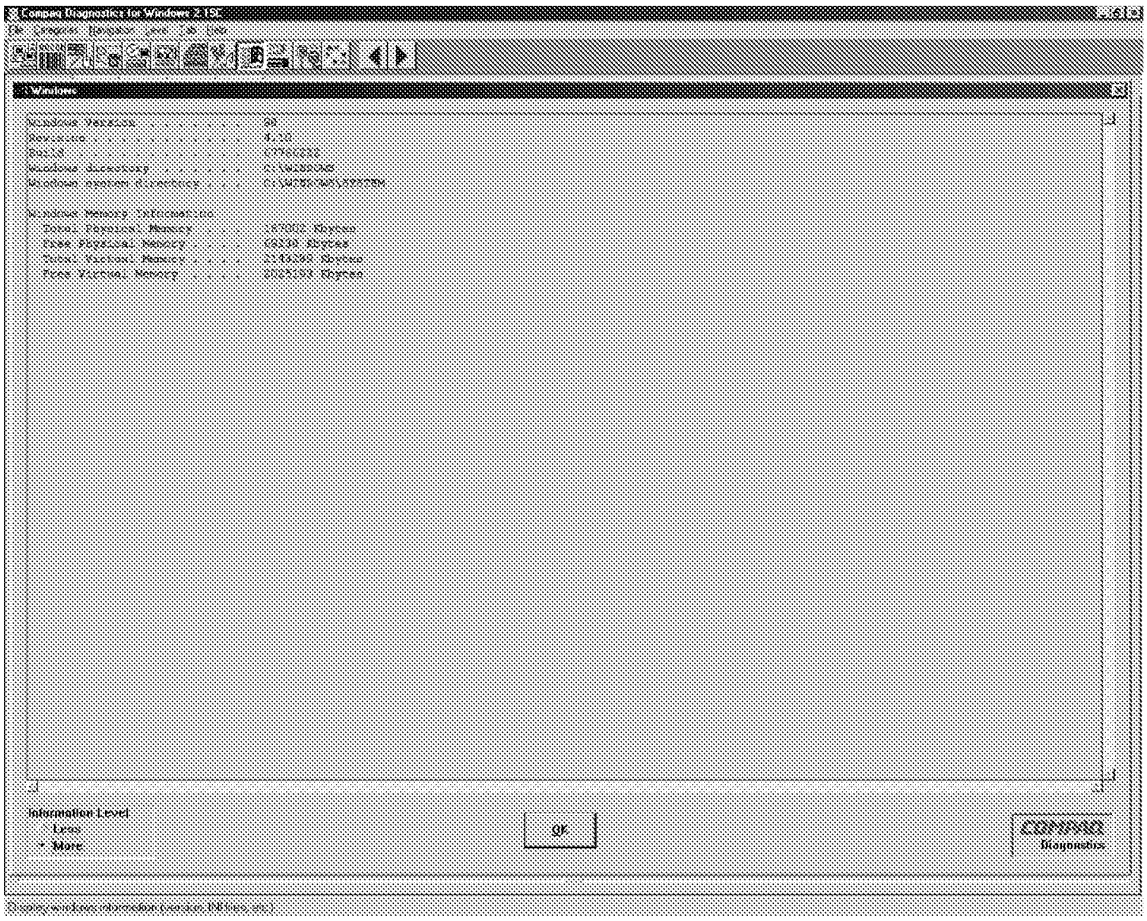
The first test machine comprised a Compaq Prosignia 320 desktop computer running Windows 98. More specific details of this computer and operating system are evidenced by the following screenshots, which were generated by a Compaq Diagnostics utility application. It is noted the Java 1.1.2 Plug-in was not installed on this computer.



This screenshot shows a System Panel identifying basic system information, including the system having an Intel Celeron processor running at 466 MHz and a System ROM revision date of 04/07/99



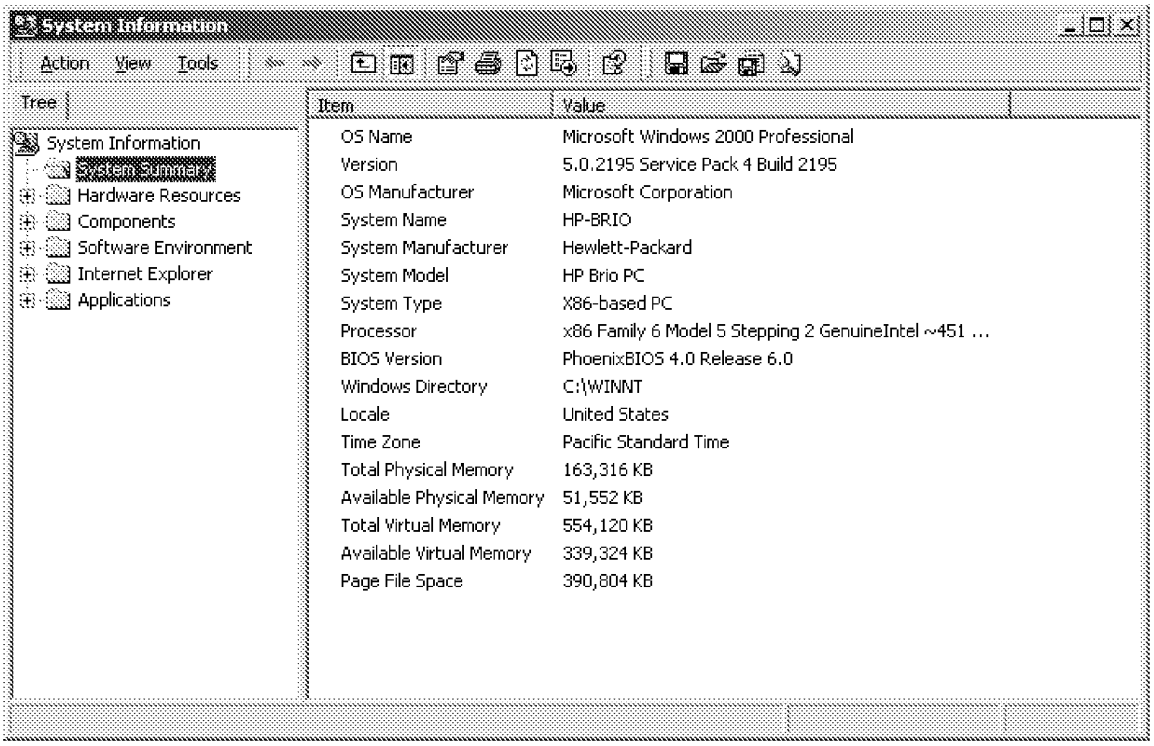
Screen shot of a portion of a Miscellaneous screen providing further details of the System, including Bios version, processor details, etc.



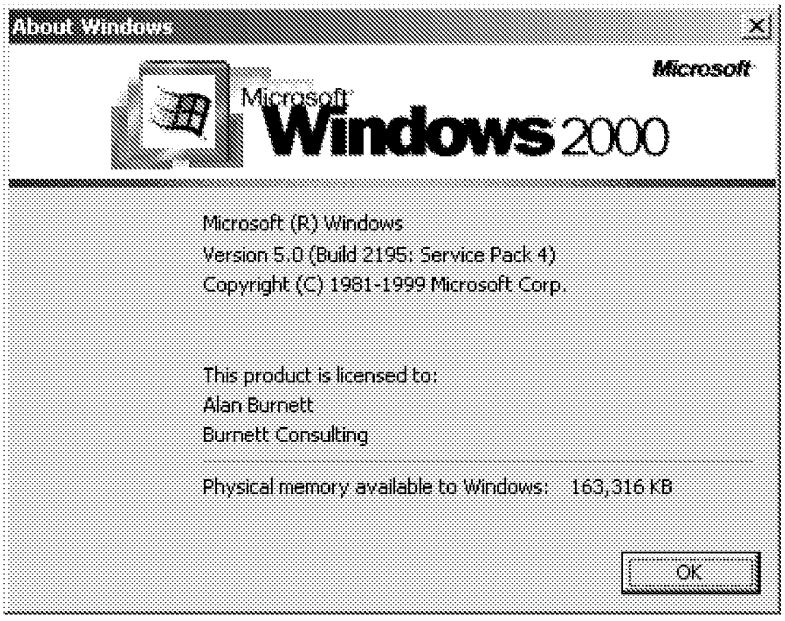
Screenshot of Windows version information. The Windows version is Windows 98, revision 4.10, build 67766222.

Screenshot that were captured using this computer are labeled "Compaq Prosignia 320 – Windows 98."

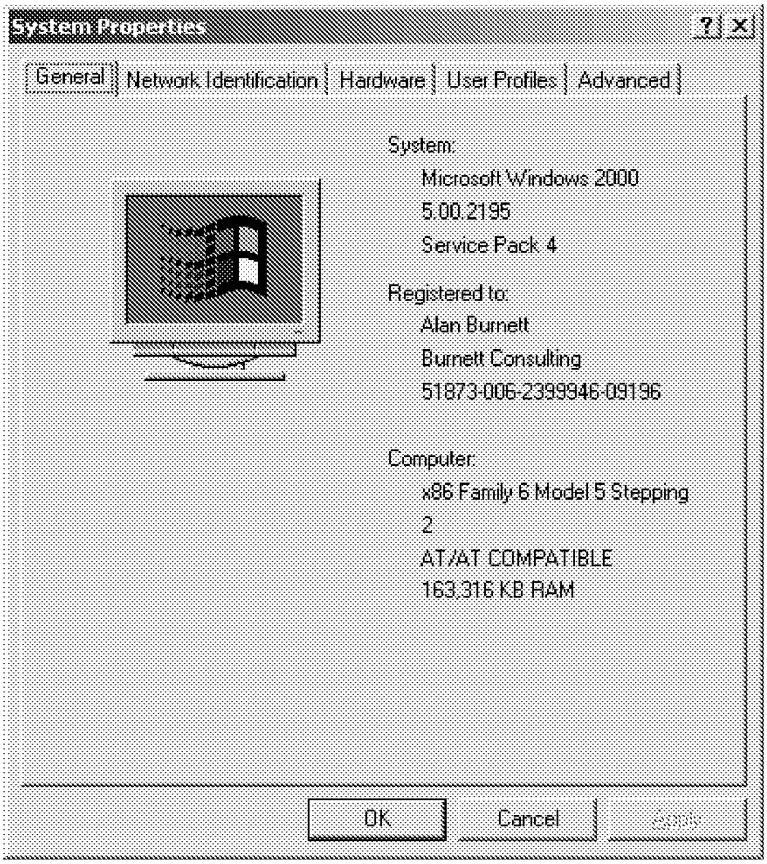
The second computer used for the screenshots was a Hewlett-Packard Brio computer running Windows 2000 Professional. Unfortunately, the Brio did not come with a diagnostics utility similar to the Compaq. Accordingly, the following configuration information generated by a Windows utility is provided.



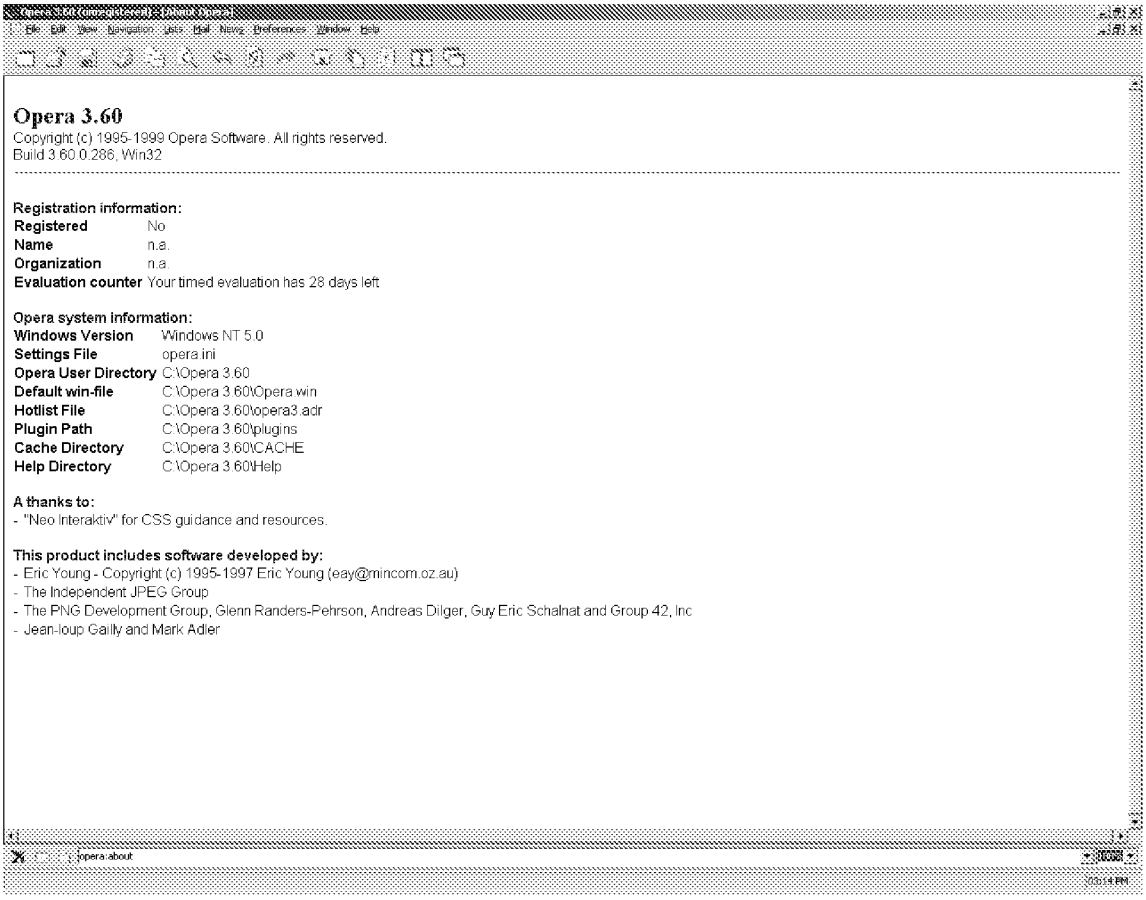
This screenshot shows basic system information, including identifying the OS name and version, system (computer) information, BIOS version, etc.



This screenshot was generated by selecting the About Windows option



This screenshot was generated by selecting System from the Control Panel Window



This screenshot was captured by selecting the *Opera 3.60* help menu item "About Opera." It is unknown why Opera detected the Windows version as Windows NT 5.0 – the actual OS was Windows 2000 Professional.

Screenshots that were captured using this second computer are labeled "HP Brio – Windows 2000 Professional." It is noted that the Java 1.1.2 Plug-in was installed on the HP Brio computer.

Brief Discussion of Results

First, *Opera 3.60* behaved similarly on both operating systems. In general, there was no perceptible difference in behavior between *Opera 3.60* running on Windows 98 or Windows 2000 Professional, which is expected, since

allegedly these Microsoft Windows operating systems are backwards compatible, meaning an application that would run on Windows 98 should run in a similar manner on Windows 2000.

As discussed above, the overall behavior of the "page zooming" feature was inconsistent and somewhat unpredictable. More specific details of the results of various example Web pages are contained in the auxiliary screenshot documents submitted herewith; however, the screenshot documents listed in the IDS are submitted without comment[1].

Of the auxiliary screenshot documents, the most demonstrable one includes screenshots illustrating the comparison between the www.arbidol.org original home page and its modified version. At 100% (that is, the rendering engine's interpretation of the Web page's content, layout, and attributes as defined by the page's HTML-based content), the original and modified versions of the page render substantially identically (at the browser window size used in for the comparison test). However, while page zooming of the original page functions fairly well (that is, it substantially preserves the page layout and attributes at most zoom levels), the page layout and attributes of the modified page are clearly not preserved at many zoom levels. This demonstrates that the rendered versions of the pages at zoom levels other than 100% are not based on the rendering engine's interpretation of the page at 100% - that is the interpretation of the page designer's intent of what the page is designed to render like. As a result, the scheme used for page zooming by Opera 3.60 will not produce scaled versions of the original page (as defined via the page's HTML-based content) in a manner that preserves the original page layout and design of the content for many Web pages.

---

[1] There is textual information provided with these documents identifying various test parameters.

In addition to reviewing the submitted screenshots, the Examiner is encouraged to install *Opera 3.60* and test it on his own. Applicant's note, it is easier to observe how the page zooming feature behaves when zooming in person. For example, one can observe the page layout change using incremental zooming. Using the CTRL key in combination with the mouse scroll wheel (if available) is particularly useful for incremental zooming.

Respectfully submitted,

LAW OFFICE OF R. ALAN BURNETT, PS

Date: June 22, 2010 /S/ R. Alan Burnett

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Electronic Acknowledgement Receipt	
EFS ID:	7869390
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	59860
Filer:	R. Burnett
Filer Authorized By:	
Attorney Docket Number:	
Receipt Date:	22-JUN-2010
Filing Date:	15-APR-2007
Time Stamp:	17:36:07
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	P001XC_IDS_Form_SB_08a.pdf	612569 ceda17bdd573ccd3f7578ef32300badc822437c4	no	4
Warnings:					
Information:					

A U.S. Patent Number Citation or a U.S. Publication Number Citation is required in the Information Disclosure Statement (IDS) form for autoloading of data into USPTO systems. You may remove the form to add the required data in order to correct the Informational Message if you are citing U.S. References. If you chose not to include U.S. References, the image of the form will be processed and be made available within the Image File Wrapper (IFW) system. However, no data will be extracted from this form. Any additional data such as Foreign Patent Documents or Non Patent Literature will be manually reviewed and keyed into USPTO systems.

2	Transmittal Letter	P001XC_IDS_Submission_Letter.pdf	37791 f712c6bcd64fd8b768eab87b8d03d1c7163421b9	no	4
Warnings:					
Information:					
3	Transmittal Letter	P001XC_S_IDS_Remarks_Opera.pdf	753841 da10d749a60e1e385a328025d388337e96b41de8	no	18
Warnings:					
Information:					
4	NPL Documents	opera-document-combined.pdf	1242750 e574601b57e3fc14197ba735ccc2fc325ea7ce8e	no	87
Warnings:					
Information:					
5	NPL Documents	3_60_Win_2K_Altavista_5-1-99.pdf	539015 191a1e234ccaa4ab477fd84cf41bbb02fc039043	no	13
Warnings:					
Information:					
6	NPL Documents	3_60_Win_2K_CNET_5-8-99.pdf	1446018 3d283657a3e10da7acb06b0d00d6bbfd92ce0d9e	no	23
Warnings:					
Information:					
7	NPL Documents	3_60_Win_2K_Excite_5-8-99.pdf	849496 282c39473a531f5cf2cba86096f5fbf712a338b8	no	14
Warnings:					
Information:					
8	NPL Documents	3_60_Win_2K_NYTimes_4-22-99.pdf	1497889 8a3b74abcc8eff77ab178abe9f134396984955f4	no	15
Warnings:					
Information:					
9	NPL Documents	3_60_Win_2K_Softsource_4-17-99.pdf	1150160 f932159bfc6a478b2f3ccbde978cd3ca83e819b5	no	16
Warnings:					
Information:					

10	NPL Documents	3_60_Win_2K_Texas_4-27-99.pdf	1741068 571bde5aa6bdc6640a8a6efc423091919f42115e	no	12
Warnings:					
Information:					
11	NPL Documents	3_60_Win_2K_USPTO_5-5-99.pdf	1082388 328b2cb893e907799d87933565fc5d73433373c6	no	13
Warnings:					
Information:					
12	NPL Documents	3_60_Win_2K_Yahoo_5-8-99.pdf	558222 ab44e05c603576361c059e024bc9d2cc1a79c996	no	10
Warnings:					
Information:					
13	NPL Documents	11738486_NOA.pdf	1327585 a68a9d60b6578bedde9964824ed7240d66ea16a2	no	38
Warnings:					
Information:					
14	NPL Documents	11738932_NOA.pdf	178549 6cdc23bbddb741a7fa723c7a7e18daf78d9a2214	no	3
Warnings:					
Information:					
15	NPL Documents	11735482-Non_Final_4-27-10.pdf	260801 e0f99c56c8bebc587be639a4bd9ed2930ec89aeb	no	8
Warnings:					
Information:					
16	Miscellaneous Incoming Letter	3_60_Arbidol_Win_2K_and_98.pdf	986485 a161aba4e221d640133eef42569640215b325e92	no	15
Warnings:					
Information:					
17	Miscellaneous Incoming Letter	3_60_Arbidol_Win_2K_Compare.pdf	2130953 7710ed8682f437a7dfc4f2556bb371c07b6f1319	no	33
Warnings:					
Information:					
18	Miscellaneous Incoming Letter	3_60_Google_Win_2K_and_98.pdf	879474 c3242b390dabfae661faa4cd4e7d8cce6435cfdb	no	15
Warnings:					
Information:					

19	Miscellaneous Incoming Letter	3_60_Newport_Win_2K_and_98.pdf	1986774 8ede46d4319c0ba4d11cab6dd202c2d7c2e8eba3	no	19
Warnings:					
Information:					
20	Miscellaneous Incoming Letter	3_60_Opera_Company_Win_2K_and_98.pdf	1097856 8caf44adbcc35830d2137c09b54482e47fd9991c	no	15
Warnings:					
Information:					
			Total Files Size (in bytes):	20359684	

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Electronic Acknowledgement Receipt	
EFS ID:	7869421
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	59860
Filer:	R. Burnett
Filer Authorized By:	
Attorney Docket Number:	
Receipt Date:	22-JUN-2010
Filing Date:	15-APR-2007
Time Stamp:	17:38:34
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Miscellaneous Incoming Letter	3_60_Win_2K_Opera_10-10-99.pdf	1310361 13e789b7f9591e4ad978b4a1c163b928390b2f25	no	14

Warnings:
Information:

2	Miscellaneous Incoming Letter	Die_inoffizielle_Opera-Fansite_Download_alte_Versionen.pdf	25214 8d359c307a9aaa37739f8d9f26f9c7d028fb0dfe	no	2

Warnings:	
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Total Files Size (in bytes):	1335575

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New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/SB/08a (01-10)
Approved for use through 07/31/2012. OMB 0651-0031
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	11735477
Filing Date	2007-04-15
First Named Inventor	Rohrabaugh
Art Unit	2176
Examiner Name	Robinson, Marshon L.
Attorney Docket Number	005207.P001XC

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
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Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							☐

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NON-PATENT LITERATURE DOCUMENTS Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Robinson, Marshon L.
	Attorney Docket Number	005207.P001XC

	1	Official USPTO Action for Application Serial No. 11/868,124 Mailed 8/24/2010 pp 1-15.	☐
	2	Defendant Apple Corporation Answer to Complaint (Revised), SoftView LLC v. Apple Inc. et al. Case No. 1:10-cv-00389-JJF-LPS	☐
	3	Defendant AT&T Corporation Answer to Complaint, SoftView LLC v. Apple Inc. et al. Case No. 1:10-cv-00389-JJF-LPS	☐
	4	SoftView LLC reply to Apple's Answer (Revised), SoftView LLC v. Apple Inc. et al. Case No. 1:10-cv-00389-JJF-LPS	☐
	5		☐

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EXAMINER SIGNATURE

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Robinson, Marshon L.
	Attorney Docket Number	005207.P001XC

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/R. Alan Burnett/	Date (YYYY-MM-DD)	2010-09-09
Name/Print	R. Alan Burnett	Registration Number	46149

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt	
EFS ID:	8385374
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	59860
Filer:	R. Burnett
Filer Authorized By:	
Attorney Docket Number:	005207.P001XC
Receipt Date:	09-SEP-2010
Filing Date:	15-APR-2007
Time Stamp:	15:56:08
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	P001XC_IDS_Form_SB_08a-9-9-10.pdf	612508 814ca3c6e10efc8c7f1514115088dbc2b50c994a	no	4
Warnings:					
Information:					

A U.S. Patent Number Citation or a U.S. Publication Number Citation is required in the Information Disclosure Statement (IDS) form for autoloading of data into USPTO systems. You may remove the form to add the required data in order to correct the Informational Message if you are citing U.S. References. If you chose not to include U.S. References, the image of the form will be processed and be made available within the Image File Wrapper (IFW) system. However, no data will be extracted from this form. Any additional data such as Foreign Patent Documents or Non Patent Literature will be manually reviewed and keyed into USPTO systems.

2	NPL Documents	11868124_1st_Office_Action.pdf	504199 7771440295cdcd4c6e3c415e5b0a81bea37c622a	no	17
Warnings:					
Information:					
3	NPL Documents	Apple_Answer-revised.pdf	409573 48c5ca8a54740b4c9320832089d55cf1e1eb103d	no	10
Warnings:					
Information:					
4	NPL Documents	ATT_Answer.pdf	422939 137d1c94c6d0db53b6d6a81fb1033fd8fbc4899e	no	10
Warnings:					
Information:					
5	NPL Documents	SoftView_Reply_to_Apple_Answer-revised.pdf	177583 9fb279c8f90739838a739a45108494df1a1c1fe1	no	5
Warnings:					
Information:					
		Total Files Size (in bytes):	2126802		

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<u>New Applications Under 35 U.S.C. 111</u>
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PTO/SB/08a (01-10)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	11735477
Filing Date	2007-04-15
First Named Inventor	Rohrabaugh
Art Unit	2176
Examiner Name	Tran, Quoc A
Attorney Docket Number	005207.P001XC

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	7823083		2010-10-26	Rohrabaugh et al.	Claims
	2	7831926		2010-11-09	Rohrabaugh et al	Claims

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Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
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Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							☐

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Tran, Quoc A
	Attorney Docket Number	005207.P001XC

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1	Notice of Allowance for US Application Serial No. 11/735,482	☐
	2	US App. No. 11/738,486 Applicants' Comments on Reasons for Allowance	☐
	3	US App. No. 11/735,482 Applicants' Comments on Reasons for Allowance	☐
	4	SoftView Motion for Leave to Amend Complaint, SoftView LLC v. Apple Inc. et al. Case No. 1:10-cv-00389-JJF-LPS	☐
	5	SoftView Brief in Support of Motion to Amend Complaint, SoftView LLC v. Apple Inc. et al. Case No. 1:10-cv-00389-JJF-LPS	☐
	6	SoftView's First Amended Complaint (Proposed), SoftView LLC v. Apple Inc. et al. Case No. 1:10-cv-00389-JJF-LPS	☐

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[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

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	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Tran, Quoc A
	Attorney Docket Number	005207.P001XC

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OR

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☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/R. Alan Burnett/	Date (YYYY-MM-DD)	2010-11-21
Name/Print	R. Alan Burnett	Registration Number	46149

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

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7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

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9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt	
EFS ID:	8883273
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	59860
Filer:	R. Burnett
Filer Authorized By:	
Attorney Docket Number:	005207.P001XC
Receipt Date:	21-NOV-2010
Filing Date:	15-APR-2007
Time Stamp:	18:56:02
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	P001XC_Lit_Notice2.pdf	23438 8237d23bacfa3adbd6cf2ba61c135a99c1ab4ba5	no	2
Warnings:					
Information:					

2	NPL Documents	11735482_Notice_of_Allowance.pdf	1412921 93eefecb5f8a3714ead8d83d2f294465415ab5b1	no	40
Warnings:					
Information:					
3	NPL Documents	Brief_in_Support_of_Motion_to_Amend_Complaint.pdf	265788 852d272e19b50b0e6fca3a09582a0535a4f36465	no	9
Warnings:					
Information:					
4	NPL Documents	P001XC2_Comments_on_allowance.pdf	65583 abdc1554c585f74a79a17bb88ca4fdceec38f25d	no	8
Warnings:					
Information:					
5	NPL Documents	P001XC3_Comments_on_allowance.pdf	17018853 6cc8a5a10fc0e2b453c0aa611928be40af353383	no	63
Warnings:					
Information:					
6	NPL Documents	SoftViews_First_Amended_Complaint_proposed.pdf	358883 999395cba4fd882fe3ad2d40ffef0b70daf2138f	no	9
Warnings:					
Information:					
7	Information Disclosure Statement (IDS) Filed (SB/08)	P001XC_SB_08a_Web-11-21-10.pdf	612135 14557268e6c0d23b87c98b2ddf44a8415ab1af52	no	4
Warnings:					
Information:					
8	NPL Documents	SoftView_Motion_for_Leave_to_Amend_Complaint.pdf	25831 ef93060e01424edc6d0940c047a792614e083bfc	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	19783432		

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New Applications Under 35 U.S.C. 111
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If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

In re Application of:	)	
	)	
Rohrabaugh et al.	)	Examiner: Tran, Quoc A.
	)	
Serial No. 11/735,477	)	Art Unit: 2176
	)	
Filed: April 15, 2007	)	
	)	
For: RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT	)	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT AND NOTICE OF LITIGATION PROGRESS UNDER MPEP 2001.06(C)

Sir:

In accordance with the provisions of MPEP 2001.06(c) and 37 C.F.R §§ 1.56, 197, and 1.98, the Patent Office's attention is directed to ongoing litigation between the assignee of the above-identified application (SoftView LLC) and defendants Apple Inc. and AT&T Mobility LLC. The litigation, Case No. 1:10-cv-00389-JJF-LPS, is ongoing in the United States District Court for the District of Delaware.

In a complaint filed May 10, 2010, SoftView LLC has asserted one or more claims in U.S. Patent 7,461,353. The above-identified application is a continuation of U.S. Application Serial No. 09/878,097 (issued as U.S. Patent 7,210,099), while the application from the '353 patent issued (U.S. Application No. 11/045,757) is a divisional of 09/878,097.

On November 10, 2010, SoftView LLC filed a motion to leave to amend its complaint so as to add U.S. Patent 7,831,926 to the complaint, along with a proposed amended complaint and brief in support of the motion to leave to amend the complaint. The '926 patent issued from U.S. Application Serial No. 11/738,486, which is also a continuation of 09/878,097. A copy of this motion, along with a brief in support of the motion and a proposed amended complaint are provided electronically herewith and listed on the PTO Form PTO/SB/08a filed herewith.

Also submitted electronically herewith are a copy a notice of allowance for U.S. Application No. 11/735,482, and a copy of Applicants' comments on reasons for allowance for each of U.S. Application Serial Nos. 11/735,482 and 11/738,486. PTO Form PTO/SB/08a further lists U.S. Patent Nos. 7,823,083, and 7,831,926 respectfully corresponding to U.S. Application Serial Nos. 11/738,932 and 11/738,486.

Respectfully submitted,

LAW OFFICE OF R. ALAN BURNETT, PS

Date: Nov. 21, 2010 /S/ R. Alan Burnett

R. Alan Burnett
Reg. No. 46,149

4108 131st Ave SE
Bellevue, WA 98006

PTO/SB/08a (01-10)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	11735477
Filing Date	2007-04-15
First Named Inventor	Rohrabaugh
Art Unit	2176
Examiner Name	Tran, Quoc A
Attorney Docket Number	005207.P001XC

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	6684087		2004-01-27	Yu et al.	

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							☐

If you wish to add additional Foreign Patent Document citation information please click the Add button Add

NON-PATENT LITERATURE DOCUMENTS Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Tran, Quoc A
	Attorney Docket Number	005207.P001XC

	1	Knudsen, Jonathan, "Java 2D Graphics," O'Reilly and Associates, Inc., May 5 1999 (Electronic Form), pp. 1-287	☐

If you wish to add additional non-patent literature document citation information please click the Add button Add

EXAMINER SIGNATURE

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Tran, Quoc A
	Attorney Docket Number	005207.P001XC

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☒ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☐ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/R. Alan Burnett/	Date (YYYY-MM-DD)	2010-12-17
Name/Print	R. Alan Burnett	Registration Number	46,149

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	)	
Rohrabaugh et al.	)	Examiner: Tran, Quoc A.
	)	
Serial No. 11/735,477	)	Art Unit: 2176
	)	
Filed: April 15, 2007	)	
	)	
For: RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT	)	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
37 C.F.R.§§ 1.56, 1.97, 1.98

Sir:

Submitted herewith electronically is a PTO/SB/08a Information Disclosure Statement Form, together with an electronic copy of the non-patent literature reference cited on the form. It is respectfully requested that the cited documents be considered and that the filed copy of Information Disclosure Statement Form PTO/SB/08a be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Applicants are submitting herewith an electronic copy of the book "Java 2D Graphics" by Jonathan Knudsen. The materials disclosed in the electronic copy appear to be substantially similar to the materials in the original printed form of the book (mostly the pagination and page layout is slightly different, with a small portion of the materials, such as the index, removed). According to the publisher (O'Reilly & Associates, Inc.) the original printing of the book was May 5, 1999.

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as an admission that the information cited in this statement is material to patentability. Additionally, as to any reference supplied applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method.

Respectfully submitted,

LAW OFFICE OF R. ALAN BURNETT, PS

Date: December 17, 2010 /S/ R. Alan Burnett

R. Alan Burnett
Reg. No. 46,149

4108 131st Ave SE
Bellevue, WA 98006
(425) 562-0923

Electronic Acknowledgement Receipt	
EFS ID:	9060842
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	59860
Filer:	R. Burnett
Filer Authorized By:	
Attorney Docket Number:	005207.P001XC
Receipt Date:	17-DEC-2010
Filing Date:	15-APR-2007
Time Stamp:	12:45:45
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	P001XC_IDS_Form_SB_08a-12-17-10.pdf	612052 84575c93a89f282a8fe83227461c11215358 6efa	no	4
Warnings:					
Information:					

2	Transmittal Letter	P001XC_IDS_Submission_Letter_12-17-10.pdf	28164 b9a8ddb5e1d9e7b932de5ded5315b1618ff33894	no	2
Warnings:					
Information:					
3	NPL Documents	Java_2D_Graphics_1999.pdf	2690946 ac205c13eba0e3862ae9f26e26ac2345878b1c0e	no	291
Warnings:					
Information:					
		Total Files Size (in bytes):	3331162		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/735,477	04/15/2007	Gary B. Rohrabaugh	005207.P001XC	2104

59860 7590 03/01/2011

LAW OFFICE OF R. ALAN BURNETT
4108 131ST AVE. SE
BELLEVUE, WA 98006

EXAMINER	
TRAN, QUOC A	
ART UNIT	PAPER NUMBER
2176	
MAIL DATE	DELIVERY MODE
03/01/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	11/735,477	ROHRABAUGH ET AL.	
	Examiner	Art Unit	
	QUOC A. TRAN	2176	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *14 April 2010*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *117-232* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *117-232* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☒ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *14 April 2010* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date *See Continuation Sheet*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

Continuation of Attachment(s) 3). Information Disclosure Statement(s) (PTO/SB/08), Paper No(s)/Mail Date :12/17/10; 01/21/10; 09/09/10; 06/22/10; 12/21/09; 11/28/09; 04/18/09; & 08/05/07
.

DETAILED ACTION

This is a Non-Final Office Action in responses to Applicant's Preliminary Amendments filed 04/24/2010; It is noted the current application is a Continuation of U.S. Non-provisional Application No. 09/878,097, filed June 8, 2001, which is a Continuation-in-Part of U.S. Non-provisional Application No. 09/825,511, filed April 7, 2001. This application further claims the benefit of the filing dates of U.S. Provisional Application No. 60/211,019, filed ***June 12, 2000***, and U.S. Provisional Application No. 60/217,345, filed July 11, 2000.

- Claims 117-232 are pending.
- Claims 1-116 are canceled.
- Claims 117-232 are new.
- Claims 117, 157 and 195 are independent claims.

In addition Examiner acknowledges Applicant's amendments to the Specification filed together the current paper dated 04/24/2010.

Information Disclosure Statement

The signed and dated copies of applicant's IDS, which were filed on 12/17/10; 01/21/10; 09/09/10; 06/22/10; 12/21/09; 11/28/09; 04/18/09; & 08/05/07, are attached to this Office Action.

Regarding the Information Disclosure Statements dated 12/17/10; 01/21/10; 09/09/10; 06/22/10; 12/21/09; 11/28/09; 04/18/09; & 08/05/07, at least one of the listed references in each IDS does not fully comply with the requirements of 37 CFR 1.98(b) because at least one of the listed references in each IDS, identified as "non-patent literature documents" in each IDS, fails to identify, and/or incorrectly identifies, at least one of the following, as required in 37 CFR 1.98(b)(5):

1. publisher;
2. author (if any);
3. title;
4. **relevant pages of the publication**;
5. **publication date; and**
6. place of publication.

Each IDS has been placed in the application file, but at least one of the listed references in the non-patent literature portion of each IDS has not been considered.

Additionally, at least one of the listed publications in at least one of the information disclosure statements attempts to list **multiple** references in a **single** listing. This is not proper under 37 CFR. Each publication must be listed separately.

Also, at least one of the information disclosure statements fails to comply with 37 CFR 1.98(a)(2), which requires a legible copy of each cited non-patent literature publication.

The IDS has been placed in the application file, but at least one of the listed references in the non-patent literature portion thereof has not been considered.

Lastly, regarding the Office Action listed as a "non-patent literature document," the examiner notes that the text contained in that document has been considered and found to be non-evidentiary opinion regarding claims which are not under consideration in the present application.

The information disclosure statements have been placed in the application file, but those portions that do not comply with 37 CFR have not been considered.

Applicant is advised that the date of any re-submission of any item of information contained in this Information Disclosure Statement or the submission of any missing elements will be the date of submission for purposes of determining compliance with the

requirements based on the time of filing the statement, including all certification requirements for statements under 37 CFR 1.97(e). See MPEP § 609.05(a).

Specification

The specification is objected to as failing to provide proper antecedent basis for the claimed subject matter. See 37 CFR 1.75(d)(1) and MPEP § 608.01(o). Correction of the following is required:

It is noted the recited “non-volatile memory” of Claim 157. The Specification does not mention the recited “non-volatile memory.” Thus, there is no support or antecedent basis for the recited “*medium*” that allows the meaning of the term to be ascertained, as required in 37 CFR 1.75(d)(1).

Claims Rejections – 35 U.S.C. 112, Second Paragraph

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter, which the applicant regards as his invention.

Claims 122, 161 and 199 rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention, because of the following: Claims 122, 161 and 199, recite the limitation "a fraction of a second", renders the claim indefinite. Sine the current Application merely discloses, “file manipulation happens in a fraction of a second.” See current discloses Para 37 page 11, which is rendering indefinite, since

one of ordinary skill in the art would not be reasonably appraised of the metes and bounds of the claims invention. See also, MPEP 706.03(d). Appropriate correction is required.

In the interest of compact prosecution, the application is further examined against the prior art, as stated below, upon the assumption that "a fraction of a second", is at best interprets as in “real-time” [see Applicant’s current Specification @ the Abstract the last sentence].

Claim Rejections - 35 USC § 101

35 U.S.C. 101 reads as follows:

> Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 195-232 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter.

Claims 195-232:

In summary, Claims *195-232* recite a "tangible medium-readable medium” having instructions that perform various functions. The Specification specifically states: “… Accordingly, herein, ***a carrier wave*** shall be regarded as comprising a machine-readable medium” [In the Specification page 10 para 34]. Thus, the recited “tangible medium-readable medium” is interpreted to include nonstatutory subject matter (e.g., signals, carrier waves, etc.)

Accordingly, Claims 195-232 fail to recite statutory subject matter, as defined in 35 U.S.C. 101.

In the interest of compact prosecution, the application is further examined against the prior art, as stated below, upon the assumption that the applicants may overcome the above stated rejections under 35 U.S.C. 101.

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees.

A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

Independent claims 115, 157, 195, 126-127, 165-166 and 203-204 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-20 of co-pending U.S. Patent Application No. 12/326,092; also unpatentable over Claims 1-115 of US Patent 7,844.889 issued 11/30/2010; also unpatentable over Claims 1-88 of US Patent 7,844.889 issued 11/09/2010; also unpatentable over Claims 1-319 of US Patent 7,461,353 issued 12/02/2008. Although the conflicting claims are not identical, they are not patentably distinct from each other because they are both exhibiting similar method of Resolution independent vector displaying on Internet content of wireless hand-help devices.

In addition, it is obvious that the claimed limitation cites in claims 117, 157, 195, which enabling a user of a hand-held wireless device to perform full page browsing of billions of Web pages, each Web page having an original format comprising HTML-based Web content defining an original page layout, functionality, and design of content on the Web page, wherein the user is enabled to browse an entirety of each Web page on a display of the hand-held wireless device at multiple zoom levels while the original page layout, functionality, and design of the HTML-based Web page content is preserved is equivalent to and equated to receiving, at the client device, vector-formatted Web content comprising a scalable vector representation of at least a portion of the Web page that supports a scalable [e.g. Zooming] resolution-independent display of the Web content that substantially retains *the original page layout and attributes of the Web page* when it is rendered on the client device, and rendering the vector-

formatted Web content on the client device using a first scaling factor to generate a first display of the Web content on the client device to produce a method of Resolution independent vector displaying [multiples scalable (Zooming) presentation] on Internet content of wireless hand-help devices of co-pending U.S. Patent Application No. 12/326,092 [Claims 1-20]; US Patent 7,844.889 [Claims 1-115]; US Patent 7,844.889 [Claims 1-88]; and US Patent 7,461,353 [Claims 1-319]. Also see claims 126-127, 165-166 and 203-204 of the current patent application Vs, Claims U.S. Patent Application No. 12/326,092 [Claims 1-20]; US Patent 7,844.889 [Claims 1-115]; US Patent 7,844.889 [Claims 1-88]; and US Patent 7,461,353 [Claims 1-319] for details.

Allowable Subject Matter

Claims 126-127, 165-166, and 203-204 objected to as being dependent upon a rejected base claims, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims and rewritten to overcome 35 USC 101, and 35 USC 112, and Terminal Disclaimer.

Claims Rejection – 35 U.S.C. 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> ***(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.***

Claims 117, 120-125, 128-134, 136-138, 142-153, 155-157, 159-164, 167-173, 175-195, 197-202, 205-211, and 213-232 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Chithambaram et al.** US006674445B1 -Provisional No.60/159,069 filed 10/12/1999 [hereinafter "Chithambaram"], in view of **Van Ee** US20020030699A1 - Continuation In Part of No.09/062,364 filed 04/17/1998 [hereinafter "Van"].

Regarding ***independent claim 117***, Chithambaram discloses: ***enabling a user of a hand-held wireless device to perform full page browsing of billions of Web pages, each Web page having an original format comprising HTML- based Web content defining an original page layout, wherein the user is enabled to browse an entirety of each Web page on a display of the hand-held wireless device at multiple zoom levels,*** In Chithambaram @ Column 4 Line 60 → Column 5, Line 10, which discloses the indexing raster (i.e. Raster maps provide multiple zoom levels with each zoom level, by scaling existing raster tiles) and vector based for interacting and highlighting with user objects [Col. 4 Line 60 → Col. 5, Line 10]; wherein the raster maps provide multiple zoom levels [Col. 4 lines 64-65]. Also see Chithambaram @ Column 6 Lines 55-65, teaching the SVG (Scalable Vector Graphics) allows vector graphic shapes (e.g., paths consisting of straight lines and curves), images, and text. Graphical objects can be grouped, styled, transformed, and composite into previously rendered objects. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA.)

In addition, Chithambaram does not expressly teach, but Van discloses: ***functionality, and design of content on the Web page, wherein the user is enabled to … zoom …the original page layout, functionality, and design of the HTML-based Web page content is preserved,*** In Van @ para(s) 8-9, which discloses "auto -zoom", within the context of a user-interface for control functionalities represented graphically by icons. The auto -zoom is also relevant to the rendering of any kind of graphical information on a display too small for the total information content, given the display's resolution and size. For example, handheld information processing devices with Internet access (browsers) and displays, such as PDA's, palmtops, web pads, mobile phones using, e.g., the WAP (wireless application protocol) technology, etc., can be given browsers for retrieving and navigating web pages from the Internet, but they cannot render a page in its entirety without losing information. The lay-out and general appearance of the image of the page, however, indicate whether portions may or may not be of interest to the user, e.g., as containing hyperlinks. Such handheld devices provided with the auto_-zoom feature let the user retrieve graphical information, e.g., a web page or streamed video that is stored, e.g., as a bitmap, in the display's framebuffer or another cache.

Accordingly, It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified the teaching Chithambaram, to include a means of said zooming includes functionality, and design of content on the

Web page, wherein the user is enabled to browse an entirety of each Web page on a display of the hand-held wireless device at multiple zoom levels while the original page layout, functionality, and design of the HTML-based Web page content is preserved as taught by Van to produce a predictable result, as evidence, Van's auto Zoom on the screen provides a zoomed in version of that area so that the user can select a desired feature for uses in PDA or small displayed devises (see Van at the Abstract and para(s) 7-10).

Regarding ***Claim 157***, is directed toward a handheld wireless device implemented the method recited in claim 117. Thus Chithambaram and Van disclose every limitation of Claim 157, as indicated in the above rejections for Claim 117; and further comprising: ***A hand-held wireless device, comprising: a processor, a wireless communications interface, to facilitate wireless communication with a network that supports access to the Internet; a display; and non-volatile memory, operatively coupled to the processor, in which software comprising a browser and an operating system are stored, the software comprising a plurality of instructions that when executed by the processor enable the hand-held wireless device,*** In Chithambaram @ the Abstract and @ Column 3 Line 66; also, see Chithambaram Column 8 Lines 30-65, which discloses the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA.

Regarding ***Claim 195***, is directed toward a tangible machine-readable medium configured to run on a hand-held wireless device implemented the method recited in claim 117. Thus Chithambaram and Van disclose every limitation of Claim 157, as indicated in the above rejections for Claim 117; and further comprising: ***a tangible machine-readable medium configured to run on a hand-held wireless device,*** In Chithambaram @ the Abstract and @ Column 6 lines 13-15, which discloses retrievable from a device {PDA), medium, signal, or carrier, e.g., a data storage device, a data communications device, a remote computer or device coupled to the computer via a network or via another data communications device, etc.

Regarding ***Claim 120,*** Chithambaram and Van teach claim 117 and further discloses: ***the hand-held wireless device comprises a mobile phone.*** In Chithambaram: @ Col. 5 line 40, which discloses a smart phone.

Regarding ***Claim 121,*** Chithambaram and Van teach claim 117 and further discloses: ***performing zoom operations in real time to effect zooming of the Web page.*** In Chithambaram: @ Col. 7 line1 3-8, which discloses the Zooming utilized a smart-cache in a thin client [e.g., zoom in real-time].

Regarding ***Claim 122,*** Chithambaram and Van teach claim 121 and further discloses: ***at least a portion of zoom operations are performed in a fraction of a***

second. In Chithambaram: @ Col. 7 line1 3-8, which discloses the Zooming utilized a smart-cache in a thin client [e.g., a fraction of a second].

Regarding ***Claims 123 -124,*** Chithambaram and Van teach claim 117 and further discloses: ***enabling the user to view a full width of a web page on the display of the hand-held wireless device, wherein the width of the Web page is rendered to fit across the display; wherein in response to a request to access a new web page, the new web page is rendered on the display such that a width of the Web page is rendered to fit across the display.*** In Van: @ the Abstract, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area. Thus, the user can browse the Web with a display of limited size.

Accordingly, It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified the teaching Chithambaram, to include a means of said enabling the user to view a full width of a web page on the display of the hand-held wireless device, wherein the width of the Web page is rendered to fit across the display; wherein in response to a request to access a new web page, the new web page is rendered on the display such that a width of the Web page is

rendered to fit across the display as taught by Van to produce a predictable result, as evidence, Van's auto Zoom on the screen provides a zoomed in version of that area so that the user can select a desired feature for uses in PDA or small displayed devises (see Van at the Abstract and para(s) 7-10).

Regarding ***Claim 125,*** Chithambaram and Van teach claim 117 and further discloses: ***employing vector-based mathematics to effect zooming operations.*** In Chithambaram: @ the Abstract and @ Col. 4 line 65, which discloses the Zooming utilized a differential encoding and indexing of raster and vector based data.

Regarding ***Claim 128,*** Chithambaram and Van teach claim 117 and further discloses: ***processing the HTML-based content with a rendering engine to generate page layout information,*** In Chithambaram: @ Col. 6 line 41, which discloses a web browser. Also, Chithambaram further discloses: ***wherein the page layout information defines a layout location for each of a plurality of display objects, including text objects and image objects included in the Web page; for each of the plurality of display objects, storing page layout information including a bounding box defining width and height dimensions for the object; and storing information that links the object with its corresponding page layout information; wherein the page layout information further includes information from which a page layout location of each of the bounding boxes can be determined.*** In Chithambaram @ Column 4 Line 60 → Column 5, Line 10, teaching the indexing raster

(i.e. Raster maps provide multiple zoom levels with each zoom level, by scaling existing raster tiles) and vector based for interacting and highlighting with user objects. Also see Chithambaram Column 6 Lines 55-65, teaching the SVG (Scalable Vector Graphics) allows vector graphic shapes (e.g., paths consisting of straight lines and curves), images, and text. Graphical objects can be grouped, styled, transformed, and composite into previously rendered objects. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA.

Regarding ***Claim 129,*** Chithambaram and Van teach claim 128 and further discloses: ***mapping page layout information to a virtual display area in memory having a resolution that is independent of a resolution of the display,*** In Chithambaram: @ Col. 4 line 66, which discloses Raster maps provide multiple zoom levels with each zoom level comprising multiple tiles that allow for "_virtual roaming" across a map. Also Chithambaram further discloses: ***the page layout information that is mapped including an object datum for each object corresponding to where the content for that object is laid out on a representation of the Web page stored in the memory,*** In Chithambaram @ Column 4 Line 60 → Column 5, Line 10, teaching the indexing raster (i.e. Raster maps provide multiple zoom levels with each zoom level, by scaling existing raster tiles) and vector based for interacting and highlighting with user objects. Also see Chithambaram Column 6 Lines 55-65, teaching the SVG (Scalable Vector Graphics) allows vector graphic shapes (e.g., paths consisting of

straight lines and curves), images, and text. Graphical objects can be grouped, styled, transformed, and composite into previously rendered objects. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA.

Regarding ***Claim 130,*** Chithambaram and Van teach claim 129 and further discloses: ***wherein the virtual display area comprises a resolution-independent drawing space and the object datums are mapped to the virtual display area using point vectors identifying respective point locations of the object datums on a two-dimensional coordinate system associated with the virtual display area,*** In Chithambaram: @ Col. 4 line 66, which discloses Raster maps provide multiple zoom levels with each zoom level comprising multiple tiles that allow for "_virtual roaming" across a map. Also Chithambaram @ Column 4 Line 60 → Column 5, Line 10, teaching the indexing raster (i.e. Raster maps provide multiple zoom levels with each zoom level, by scaling existing raster tiles) and vector based for interacting and highlighting with user objects. Also see Chithambaram Column 6 Lines 55-65, teaching the SVG (Scalable Vector Graphics) allows vector graphic shapes (e.g., paths consisting of straight lines and curves), images, and text. Graphical objects can be grouped, styled, transformed, and composite into previously rendered objects. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is

obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA.

Regarding ***Claim 131,*** Chithambaram and Van teach claim 128 and further discloses: ***defining a content display area comprising a portion of the display on which Web page content is to be rendered; employing a display limit bounding box associated with the content display area that defines a clipping area corresponding to a portion of the representation of the Web page that is to be rendered to the content display area based on a zoom level and pan offset determined in response to user input; and clipping display content outside the display limit bounding box such that only display content within the display limit bounding box is rendered to the content display area,*** In Chithambaram: @ Col. 4 line 66, which discloses Raster maps provide multiple zoom levels with each zoom level comprising multiple tiles that allow for "_virtual roaming" across a map. Also Chithambaram @ Column 4 Line 60 → Column 5, Line 10, teaching the indexing raster (i.e. Raster maps provide multiple zoom levels with each zoom level, by scaling existing raster tiles) and vector based for interacting and highlighting with user objects. Also see Chithambaram Column 6 Lines 55-65, teaching the SVG (Scalable Vector Graphics) allows vector graphic shapes (e.g., paths consisting of straight lines and curves), images, and text. Graphical objects can be grouped, styled, transformed, and composite into previously rendered objects. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using

bounding box to zoom in and filtering out the unwanted object for display on the PDA. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA.

Regarding ***Claim 132,*** Chithambaram and Van teach claim 128 and further discloses: ***in connection with at least one of a zoom or pan operation that results in a re- rendering of the Web page view on the display, determining which display objects include at least a portion of their associated display content in the re-rendered Web page view,*** In Chithambaram @ Column 4 Line 60 → Column 5, Line 10, teaching the indexing raster (i.e. Raster maps provide multiple zoom levels with each zoom level, by scaling existing raster tiles) and vector based for interacting and highlighting with user objects. Also see Chithambaram Column 6 Lines 55-65, teaching the SVG (Scalable Vector Graphics) allows vector graphic shapes (e.g., paths consisting of straight lines and curves), images, and text. Graphical objects can be grouped, styled, transformed, and composite into previously rendered objects. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA.

Regarding ***Claim 133,*** Chithambaram and Van teach claim 132 and further discloses: ***evaluating at least a portion of the bounding boxes to determine which display objects include at least a portion of their associated display content in the re-rendered Web page view,*** In Chithambaram @ Column 4 Line 60 → Column 5, Line 10, teaching the indexing raster (i.e. Raster maps provide multiple zoom levels with each zoom level, by scaling existing raster tiles) and vector based for interacting and highlighting with user objects. Also see Chithambaram Column 6 Lines 55-65, teaching the SVG (Scalable Vector Graphics) allows vector graphic shapes (e.g., paths consisting of straight lines and curves), images, and text. Graphical objects can be grouped, styled, transformed, and composite into previously rendered objects. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA.

Regarding ***Claim 134,*** Chithambaram and Van teach claim 128 and further discloses: ***wherein a zoom operation is effected by, for each of the plurality of display objects to be included in a view of the Web page to be rendered on the display, scaling page layout information associated with the display object using a scale factor corresponding to a zoom level associated with the zoom operation***

to determine a scaled datum that defines a location where the display object is to be rendered on the view of the Web page; scaling content associated with the display object using the scale factor; and rendering the scaled content at the location defined by the scaled datum to render the display object on the view of the Web page, In Chithambaram @ Column 4 Line 60 → Column 5, Line 10, teaching the indexing raster (i.e. Raster maps provide multiple zoom levels with each zoom level, by scaling existing raster tiles) and vector based for interacting and highlighting with user objects. Also see Chithambaram Column 6 Lines 55-65, teaching the SVG (Scalable Vector Graphics) allows vector graphic shapes (e.g., paths consisting of straight lines and curves), images, and text. Graphical objects can be grouped, styled, transformed, and composite into previously rendered objects. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA.

Regarding ***Claim 136,*** Chithambaram and Van teach claim 134 and further discloses: wherein rendering scaled content associated with a text object comprises: ***wherein rendering scaled content associated with an image object comprises: scaling scalable image content corresponding to the image object to produce a scaled image having a size that is a function of the scale factor and the bounding***

box corresponding to the image object; rendering the scaled image on the view of the Web page at a location defined by the scaled datum associated with the image object, In Chithambaram @ Column 4 Line 60 → Column 5, Line 10, teaching the indexing raster (i.e. Raster maps provide multiple zoom levels with each zoom level, by scaling existing raster tiles) and vector based for interacting and highlighting with user objects. Also see Chithambaram Column 6 Lines 55-65, teaching the SVG (Scalable Vector Graphics) allows vector graphic shapes (e.g., paths consisting of straight lines and curves), images, and text. Graphical objects can be grouped, styled, transformed, and composite into previously rendered objects. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA.

Regarding ***Claim 137,*** Chithambaram and Van teach claim 134 and further discloses: ***wherein rendering scaled content associated with a text object comprises: scaling one or more vector-based elements associated with the graphic layout object to produce a scaled graphic layout object, the one or more vector- based elements previously derived from processing HTML-based content associated with the graphic layout object; and rendering the scaled graphic layout object on the view of the Web page at a location defined by the scaled***

datum associated with the graphic layout object, In Chithambaram @ Column 4 Line 60 → Column 5, Line 10, teaching the indexing raster (i.e. Raster maps provide multiple zoom levels with each zoom level, by scaling existing raster tiles) and vector based for interacting and highlighting with user objects. Also see Chithambaram Column 6 Lines 55-65, teaching the SVG (Scalable Vector Graphics) allows vector graphic shapes (e.g., paths consisting of straight lines and curves), images, and text. Graphical objects can be grouped, styled, transformed, and composite into previously rendered objects. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA.

Regarding ***Claim 138,*** Chithambaram and Van teach claim 128 and further discloses: ***effecting a zoom operation combined with a pan operation by, for each of the plurality of display objects to be included in a panned view of the Web page to be rendered on the display, scaling page layout information associated with the display object using a scale factor corresponding to a zoom level associated with the zoom operation to determine a scaled datum;*** In Chithambaram @ Column 4 Line 64 through Col. 5 line 9, which discloses the raster map on the PDA allows panning (virtual roaming paradigm), and zooming across discrete multiple levels. Also

Chithambaram further discloses: ***determining an offset corresponding to the pan operation and combining the scaled datum with the offset to produce a scaled and offset datum that defines a location where the display object is to be rendered on the panned view of the Web page; scaling content associated with the display object using the scale factor; and rendering the scaled content at the location defined by the scaled and offset datum to render the display object on the panned view of the Web page,*** In Chithambaram @ Column 4 Line 60 → Column 5, Line 10, teaching the indexing raster (i.e. Raster maps provide multiple zoom levels with each zoom level, by scaling existing raster tiles) and vector based for interacting and highlighting with user objects. Also see Chithambaram Column 6 Lines 55-65, teaching the SVG (Scalable Vector Graphics) allows vector graphic shapes (e.g., paths consisting of straight lines and curves), images, and text. Graphical objects can be grouped, styled, transformed, and composite into previously rendered objects. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA.

Regarding ***Claim 142,*** Chithambaram and Van teach claim 128 and further discloses***: maintaining at least one instance of the bounding box information in a***

manner that is independent of the zoom levels used to view the web page on the display, In Chithambaram @ Column 4 Line 60 → Column 5, Line 10, teaching the indexing raster (i.e. Raster maps provide multiple zoom levels with each zoom level, by scaling existing raster tiles) and vector based for interacting and highlighting with user objects. Also see Chithambaram Column 6 Lines 55-65, teaching the SVG (Scalable Vector Graphics) allows vector graphic shapes (e.g., paths consisting of straight lines and curves), images, and text. Graphical objects can be grouped, styled, transformed, and composite into previously rendered objects. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA.

Regarding ***Claims 143-144,*** Chithambaram and Van teach claim 117 and further discloses***: storing content associated with a representation of the web page on a plurality of layers in memory of the wireless hand-held device; and combining content from at least a portion of the plurality of layers to render views of the Web page on the display, wherein text and images are stored on separate layers.*** In Chithambaram @ Column 4 Line 60 → Column 5, Line 10, teaching the indexing raster (i.e. Raster maps provide multiple zoom levels with each zoom level, by scaling existing raster tiles) and vector based for interacting and highlighting with user objects.

Regarding ***Claim 145,*** Chithambaram and Van teach claim 117 and further discloses***: enabling a user to zoom on a column of the Web page via a corresponding user input, wherein in response thereto, the display is re-rendered such that content corresponding to the selected column is enlarged,*** In Chithambaram @ Column 4 Line 60 → Column 5, Line 10, teaching the indexing raster (i.e. Raster maps provide multiple zoom levels with each zoom level, by scaling existing raster tiles) and vector based for interacting and highlighting with user objects. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA.

Regarding ***Claims 146-149,*** Chithambaram and Van teach claim 117 and further discloses***, wherein the Web page includes at least one image, the method further comprising enabling a user to zoom on an image via a corresponding user input, wherein in response thereto, the display is re-rendered such that the image is enlarged, wherein the corresponding user input comprises tapping on the image via the display. ,*** In Chithambaram @ Column 4 Line 60 → Column 5, Line 10, teaching the indexing raster (i.e. Raster maps provide multiple zoom levels with each zoom level, by scaling existing raster tiles) and vector based for interacting and highlighting with user objects. Also, see Chithambaram Column 8 Lines 30-65, teaching

the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA.

In addition, Chithambaram does not expressly teach, but Van discloses: ***the display is re-rendered such that content corresponding to the selected column is rendered to fit across the display and enabling a user to zoom on a column of the Web page via a corresponding user input, wherein in response thereto, the display is re-rendered such that content corresponding to the selected column is enlarged, wherein the corresponding user input comprises tapping on the column via the display***, In Van: @ the Abstract, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area. Thus, the user can browse the Web with a display of limited size.

Accordingly, It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified the teaching Chithambaram, to include a means of said the display is re-rendered such that content corresponding to the selected column is rendered to fit across the display and enabling a user to zoom on a column of the Web page via a corresponding user input, wherein in response thereto,

the display is re-rendered such that content corresponding to the selected column is enlarged, wherein the corresponding user input comprises tapping on the column via the display as taught by Van to produce a predictable result, as evidence, Van's auto Zoom on the screen provides a zoomed in version of that area so that the user can select a desired feature for uses in PDA or small displayed devises (see Van at the Abstract and para(s) 7-10).

Regarding ***Claim 150-153,*** Chithambaram and Van further discloses***, the display is re-rendered such that the image is rendered to fit across the display wherein enabling a user to zoom on a paragraph of the Web page via a corresponding user input, wherein in response thereto, the display is re-rendered such that content corresponding to the selected paragraph is enlarged; wherein the corresponding user input comprises tapping on the paragraph via the display; wherein the display is re-rendered such that content corresponding to the selected paragraph is rendered to fit across the display.*** In Van: @ the Abstract, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area. Thus, the user can browse the Web with a display of limited size. Also Van further discloses @ para 9, the system is operative to enable the user to

select via the touch screen a portion of the image when displayed at a first scale. Upon the portion being selected the system renders the selected portion on the display at a second scale larger than the first scale (zoom-in). The portion selected corresponds to a location on the touch screen. The invention thus allows the user to perceive the graphical information of the image regardless of the display size. The invention is especially interesting to handhelds, such as PDA's, palmtops, mobile phones, web pads (thin clients with browsing capabilities), etc., because the size of a handheld's display is necessarily small due to the required form factor and weight limitation. The ubiquitous information access via a browser is a great asset for Internet-enabled handhelds (comprising a wireless modem), as not only text pages but also, e.g., still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java animation are now within reach of these devices whose screen real estate needs not be the limiting factor anymore.

Accordingly, It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified the teaching Chithambaram, to include a means of said the display is re-rendered such that the image is rendered to fit across the display wherein enabling a user to zoom on a paragraph of the Web page via a corresponding user input, wherein in response thereto, the display is re-rendered such that content corresponding to the selected paragraph is enlarged; wherein the corresponding user input comprises tapping on the paragraph via the display; wherein the display is re-rendered such that content corresponding to the selected paragraph is

rendered to fit across the display as taught by Van to produce a predictable result, as evidence, Van's auto Zoom on the screen enable the user to select via the touch screen a portion of the image when displayed at a first scale. Upon the portion being selected the system renders the selected portion on the display at a second scale larger than the first scale (zoom-in). The portion selected corresponds to a location on the touch screen. The invention thus allows the user to perceive the graphical information of the image regardless of the display size. The invention is especially interesting to handhelds, such as PDA's, palmtops, mobile phones, web pads (thin clients with browsing capabilities), etc., because the size of a handheld's display is necessarily small due to the required form factor and weight limitation. The ubiquitous information access via a browser is a great asset for Internet-enabled handhelds (comprising a wireless modem), as not only text pages but also, e.g., still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java animation are now within reach of these devices whose screen real estate needs not be the limiting factor anymore. In Van @ Para 10.

Regarding ***Claims 155-156,*** Chithambaram and Van teach claim 117 and further discloses***, enabling a user to pan a view of the Web page in response to a corresponding user input made via the display; wherein enabling the view of the Web page to be panned in real-time,*** In Chithambaram @ Column 4 Line 60 → Column 5, Line 10, teaching the indexing raster (i.e. Raster maps provide multiple zoom levels with each zoom level, by scaling existing raster tiles) and vector based for

interacting and highlighting with user objects. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA. Also Chithambaram further discloses the Zooming utilized a smart-cache in a thin client [e.g., zoom in real-time], In Chithambaram: @ Col. 7 line 3-8.

Regarding ***Claims 159-164, 167-173, 175-194***, respectively are directed toward a handheld wireless device implemented the method recited in claims 120-125, 128-134, 136-138, 142-153, 155-156. Thus Chithambaram and Van disclose every limitation of Claims 159-164, 167-173, 175-194, as indicated in the above rejections for Claims 120-125, 128-134, 136-138, 142-153, 155-156.; and further comprising: ***A hand-held wireless device, comprising: a processor, a wireless communications interface, to facilitate wireless communication with a network that supports access to the Internet; a display; and non-volatile memory, operatively coupled to the processor, in which software comprising a browser and an operating system are stored, the software comprising a plurality of instructions that when executed by the processor enable the hand-held wireless device,*** In Chithambaram @ the Abstract and @ Column 3 Line 66; also, see Chithambaram Column 8 Lines 30-65, which discloses the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA.

Regarding ***Claims 197-202, 205-211, and 213-232,*** respectively are directed toward a tangible machine-readable medium configured to run on a hand-held wireless device implemented the method recited in claims 120-125, 128-134, 136-138, 142-153, 155-156. Thus Chithambaram and Van disclose every limitation of Claims 197-202, 205-211, and 213-232, as indicated in the above rejections for Claims 120-125, 128-134, 136-138, 142-153, 155-156; and further comprising: ***a tangible machine-readable medium configured to run on a hand-held wireless device,*** In Chithambaram @ the Abstract and @ Column 6 lines 13-15, which discloses retrievable from a device {PDA), medium, signal, or carrier, e.g., a data storage device, a data communications device, a remote computer or device coupled to the computer via a network or via another data communications device, etc.

Claims 118-119, 158 and 196 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Chithambaram et al.** US006674445B1 -Provisional No.60/159,069 filed 10/12/1999 [hereinafter "Chithambaram"], in view of **Van Ee** US20020030699A1 - Continuation In Part of No.09/062,364 filed 04/17/1998 [hereinafter "Van"], and further in view of **Bederson et al. "**Implementing a Zooming User Interface: Experience Building Pad++", published 03/16/1998 by Wiley & Son- Pages 1101-1135 [hereinafter "Bederson"].

Claims 118-119, 158 and 196, Chithambaram and Van do not teach, but Bederson discloses: ***wherein at least one Web page is designed to be viewed on a***

desktop computer having a display with a resolution of at least 800 pixels in width to facilitate viewing of a full width of the Web page on the display, wherein at least one Web page is designed to be viewed on a desktop computer having a display with a resolution of at least 1024 pixels in width to facilitate viewing of a full width of the Web page on the display. In Bederson: @ page 110-112 Section"Images 2D", which discloses a Zoom User Interface [PAD++]; allows bit map document to be viewed with a resolution of 800x600 or larger [e.g., 1280x1024].

Accordingly, It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified the teaching Chithambaram and Van Zooming method, to include zooming includes a means of said at least one Web page is designed to be viewed on a desktop computer having a display with a resolution of at least 800 pixels and/or 1024 pixels in width to facilitate viewing of a full width of the Web page on the display as taught by Bederson to produce a predictable result, as evidence, Van's auto Zoom on the screen provides a zoomed in version of that area so that the user can select a desired feature for uses in PDA or small displayed devises (see Van at the Abstract and para(s) 7-10). Also enabling a Zoom User Interface [PAD++]; allows bit map document to be viewed with a resolution of 800x600 or larger [e.g., 1280x1024]. Generally set forth in Bederson @ page 110-112 Section" Images 2D".

Claims 135, 139-141, 154, 174 and 212 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Chithambaram et al.** US006674445B1 -Provisional No.60/159,069 filed 10/12/1999 [hereinafter "Chithambaram"], in view of **Van Ee** US20020030699A1 -Continuation In Part of No.09/062,364 filed 04/17/1998 [hereinafter "Van"], and further in view of **Rempell** US006546397B1- filed 12/02/1999 [hereinafter "Rampell"],

Claims 135, 139, 174 and 212, Chithambaram further, discloses: ***determining display attributes for the text object … wherein the text is rendered relative to a location associated with the scaled datum for the text object,*** In Chithambaram @ Column 4 Line 60 → Column 5, Line 10, teaching the indexing raster (i.e. Raster maps provide multiple zoom levels with each zoom level, by scaling existing raster tiles) and vector based for interacting and highlighting with user objects. Also see Chithambaram Column 6 Lines 55-65, teaching the SVG (Scalable Vector Graphics) allows vector graphic shapes (e.g., paths consisting of straight lines and curves), images, and text. Graphical objects can be grouped, styled, transformed, and composite into previously rendered objects. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA.

In addition, Chithambaram and Van do not expressly teach, but Rempell discloses: ***the display objects including a font typeface, size and color; employing a scalable font associated with the font typeface to render text associated with the text object in a color associated with the color attribute, and wherein the scale applied to the scalable font is a function of the scale factor and the font size.*** In Rempell: @ Col. 13 line 20 through Col. 14 line 30, which discloses a Zoom User Interface allows display objects including a font, size and color; employing a zoom command from the view menu in according to user selected format of the selected text object.

Accordingly, It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified the teaching Chithambaram and Van Zooming method, to include a means of said the display objects including a font typeface, size and color; employing a scalable font associated with the font typeface to render text associated with the text object in a color associated with the color attribute, and wherein the scale applied to the scalable font is a function of the scale factor and the font size as taught by Rempell to produce a predictable result, as evidence, Van's auto Zoom on the screen provides a zoomed in version of that area so that the user can select a desired feature for uses in PDA or small displayed devises (see Van at the Abstract and para(s) 7-10). Also enabling a Zoom User Interface allows display objects including a font, size and color; employing a zoom command from the view menu in

according to user selected format of the selected text object. Generally set forth in Rempell Col. 13 line 20 through Col. 14 line 30.

Regarding ***Claim 140,*** Chithambaram and Van teach claim 139 and further discloses: ***wherein rendering scaled content associated with an image object comprises: scaling scalable image content corresponding to the image object to produce a scaled image having a size that is a function of the scale factor and the bounding box corresponding to the image object; rendering the scaled image on the view of the Web page at a location defined by the scaled and offset datum associated with the image object,*** In Chithambaram @ Column 4 Line 60 → Column 5, Line 10, teaching the indexing raster (i.e. Raster maps provide multiple zoom levels with each zoom level, by scaling existing raster tiles) and vector based for interacting and highlighting with user objects. Also see Chithambaram Column 6 Lines 55-65, teaching the SVG (Scalable Vector Graphics) allows vector graphic shapes (e.g., paths consisting of straight lines and curves), images, and text. Graphical objects can be grouped, styled, transformed, and composite into previously rendered objects. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA.

Regarding ***Claim 141,*** Chithambaram and Van teach claim 139 and further discloses: ***wherein the plurality of display objects include at least one graphic layout object, and wherein rendering scaled content associated with a graphic layout object comprises: scaling one or more vector-based elements associated with the graphic layout object to produce a scaled graphic layout object, the one or more vector- based elements previously derived from processing HTML-based content associated with the graphic layout object; and rendering the scaled graphic layout object on the view of the Web page at a location defined by the scaled and offset datum associated with the graphic layout object,*** In Chithambaram @ Column 4 Line 60 → Column 5, Line 10, teaching the indexing raster (i.e. Raster maps provide multiple zoom levels with each zoom level, by scaling existing raster tiles) and vector based for interacting and highlighting with user objects. Also see Chithambaram Column 6 Lines 55-65, teaching the SVG (Scalable Vector Graphics) allows vector graphic shapes (e.g., paths consisting of straight lines and curves), images, and text. Graphical objects can be grouped, styled, transformed, and composite into previously rendered objects. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA. Also, see Chithambaram Column 8 Lines 30-65, teaching the offset for location of the object is obtained and the offset is encoded using bounding box to zoom in and filtering out the unwanted object for display on the PDA.

Claim 154, Chithambaram and Van do not teach, but Rempell discloses: ***wherein a portion of the HTML-based Web content comprises cascading style sheet data defining aspects of the Web page design that are preserved at each of the plurality of zoom levels,*** In Rempell in Fig. 22, shows a detailed view of a dynamic web resizing process that is activated by the "Open" and "Web Site" commands under the "File" menu and the "Zoom" command under the "View" menu. Also Rempell further discloses the screen positioning, defining the DHTML object in the Mouse over state at 278, the second for the Mouse Down state at 279, the third for the Active state, and the fourth for the Inactive state. Each state has a different CSS style assigned, which defines the visual appearance of that state, in Rempell @ Col. 17 lines 25-65.

Accordingly, It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified the teaching Chithambaram and Van Zooming method, to include a means of said a portion of the HTML-based Web content comprises cascading style sheet data defining aspects of the Web page design that are preserved at each of the plurality of zoom levels as taught by Rempell to produce a predictable result, as evidence, Van's auto Zoom on the screen provides a zoomed in version of that area so that the user can select a desired feature for uses in PDA or small displayed devises (see Van at the Abstract and para(s) 7-10). Also enabling a Zoom User Interface allows display objects including a font, size and color; employing a zoom command from the view menu in according to user selected format of the

selected text object. Generally set forth in Rempell Col. 13 line 20 through Col. 14 line 30.

It is noted that citations to specific, pages, columns, lines, or figures in the prior art references should not be considered to be limiting in any way. A reference is relevant for all it contains and may be relied upon for all that it would have reasonably suggested to one having ordinary skill in the art. See, MPEP 2123.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

- **Chithambaram** et al., ("US 20070080958A1- Con of 09/795,890-CIP of 09/629,115 filed 07/31/2000)→ Chithambaram discloses systems and methods for displaying background (that is raster based) for the geographic data and display layers is managed as a multi-level library of raster tiles. The raster layers are composed from multiple vector layers on servlet 108, resulting in better download and display performance. The raster map on the PDA allows panning (virtual roaming paradigm), and zooming across multiple levels. A smart-cache on thin client 102 allows the swapping of compact tiles from the database to memory, in a manner appropriate to the device. A single workspace per map provides the

definition of the map and the display attributes for the layers on the thin client 102. (@ para 57).

- **Benjamin B Bederson** et al.,("Pad++ 09/19/1995 pages 1-30), which discloses a Zoomable graphical sketchpad that allows user to Zoom in and out of a bit map document (page 1-30)

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quoc A. Tran whose telephone number is 571-272-8664. The examiner can normally be reached on Mon through Fri 8AM - 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Doug Hutton can be reached on (571)272-4137. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Quoc A. Tran/
Examiner, Art Unit 2176

Notice of References Cited	Application/Control No. 11/735,477	Applicant(s)/Patent Under Reexamination ROHRABAUGH ET AL.	
	Examiner QUOC A. TRAN	Art Unit 2176	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,674,445 B1	01-2004	Chithambaram et al.	345/619
*	B	US-2002/0030699	03-2002	Van Ee, Jan	345/810
*	C	US-2007/0080958	04-2007	Chithambaram et al.	345/418
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Bederson et al. “Implementing a Zooming User Interface: Experience Building Pad++”, published 03/16/1998 by Wiley & Son-Pages 1101-1135
	V	Benjamin B Bederson et al.,("Pad++ 09/19/1995 pages 1-30) published by UNM www.cs.unm.edu/pad++
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2176

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2176

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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2176

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☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2176

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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2176

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☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2176

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
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☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2176

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
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☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
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Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	Art Unit
	QUOC A TRAN	2176

SEARCHED			
Class	Subclass	Date	Examiner
715	249	2/24/2011	QT
715	205 and 234	2/24/2011	QT

SEARCH NOTES		
Search Notes	Date	Examiner
EAST (USPAT, USPGPUB, JPO, USOCR, FPRS, EPO, DERWENT & IBM_TDB)	2/24/2011	QT
Inventors Searched Conducted- Considered Double Patent Rejection	2/24/2011	QT
NPL Search (Google Scholar Digital Library)	2/17/2011	QT
"Text search" Allowable subject matter" EAST (USPAT, USPGPUB, JPO, USOCR, FPRS, EPO, DERWENT & IBM_TDB)	2/24/2011	QT
Text Search Class 715 All Sub Classes	2/24/2011	QT

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner
715	200	2/24/2011	QT
715	249	2/24/2011	QT
715	800	2/24/2011	QT
715	815	2/24/2011	QT

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11/735,477	04/15/2007	715	2176	005207.P001XC

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Scott A. Sherman, Seattle, WA;

**** CONTINUING DATA ***************************

This application is a CON of 09/878,097 06/08/2001 PAT 7,210,099
which is a CIP of 09/828,511 04/07/2001 ABN
and claims benefit of 60/211,019 06/12/2000
and claims benefit of 60/217,345 07/11/2000
This application 11/735,477 04/15/2007
is a DIV of 09/878,097 06/08/2001 PAT 7,210,099
and is a DIV of 11/045,757 01/28/2005 PAT 7,461,353
and is a DIV of 11/045,649 01/28/2005 PAT 7,584,423

**** FOREIGN APPLICATIONS ***************************

**** IF REQUIRED, FOREIGN FILING LICENSE GRANTED **** ** SMALL ENTITY **
05/03/2007

Foreign Priority claimed ☐ Yes ☑ No 35 USC 119(a-d) conditions met ☐ Yes ☐ No Verified and Acknowledged /QUOC A TRAN/ Examiner's Signature	☐ Met after Allowance Initials	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
		WA	22	116	3

ADDRESS

LAW OFFICE OF R. ALAN BURNETT
4108 131ST AVE. SE
BELLEVUE, WA 98006
UNITED STATES

TITLE

RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT

FILING FEE RECEIVED		
2890	FEES: Authority has been given in Paper No._____ to charge/credit DEPOSIT ACCOUNT No._____ for following:	☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit

BIB (Rev. 05/07).

EAST Search History

EAST Search History (Prior Art)

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EAST Search History

EAST Search History (Prior Art)

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L10	16	scalable near ((web internet) near content)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/24 09:09
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2/ 24/ 2011 9:16:09 AM
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EAST Search History

EAST Search History (Prior Art)

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L4	328	scalable same vector same representation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/24 09:02
L5	12	4 & (re adj render$3) & mobile & (web html)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/24 09:03
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L9	9473	scalable same (web internet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/24 09:08

L10	16	scalable near ((web internet) near content)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/24 09:09
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L33	16	zoom$3 & scal$4 & ((web internet) near content) & ("1024" same pixel) & ("800" same pixel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/24 11:06
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L39	0	35 & ("1024" same pixel) & ("800" same pixel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/24 11:10
L40	1	35 & pixel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/24 11:11

2/ 24/ 2011 11:11:51 AM
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EAST Search History

EAST Search History (Interference)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99**)		
	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Herndon, Heather R
	Attorney Docket Number	005207.P001XC

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Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	5897644		2009-04-27	Nielson	
	2	6449639		2002-09-10	Blumberg	
	3	6456305		2002-09-24	Qureshi et al.	
	4	5615384		1997-03-25	Allard et al.	
	5	5952994		1999-09-14	Ong et al.	
	6	6553410		2003-04-22	Kikinis	
	7	6556217		2003-04-29	Mäkipää	
	8	6829746		2004-12-07	Schwerdtfeger et al.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
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	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Herndon, Heather R
	Attorney Docket Number	005207.P001XC

	9	6925595		2005-08-02	Whitledge et al.	
	10	6421733		2002-07-16	Tso et al.	
	11	6457030		2002-09-24	Adams et al.	
	12	7308649		2007-12-11	Ehrich et al.	

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	1	GB2344197A	GB		2000-05-31	Carlino		☐

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	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Herndon, Heather R
	Attorney Docket Number	005207.P001XC

	1	Dennis, "Webraska Joins W3C for Next Generation Internet Graphics," Newsbytes, May 8, 2000	☐
	2	Fox et al. "Experience With Top Gun Wingman: A Proxy-Based Graphical Web Browser for the 3Com PalmPilot" Proceedings of Middleware '98, 1998	☐
	3	Jones et al. "From the large screen to the small screen – retaining the designer's design for effective user interaction," IEEE Colloquium on Issues for Networked Interpersonal Communicators, May 1997, pp. 3/1 – 3/4	☐
	4	Pacchiano, "Adobe's New View," Computer Shopper, Vol. 19, No. 4, Apr. 1999, p. 346	☐
	5	"TADPOLE TECHNOLOGY: ILOG technology within Tadpole's Cartesia Redline system making repairs simpler," M2 Presswire, Jan. 1999	☐
	6	Thryft, "Wireless link ramped for 'always on' Internet," EETimes, March 23, 1999	☐
	7	Bharadvaj et al., "An Active Transcoding Proxy to Support Mobile Web Access," Proc. of the IEEE Symposium on Reliable Distributed Systems, 1998	☐
	8	Björk, et al., "WEST: A Web Browser for Small Terminals," Proceedings of the 12 ACM symposium on User Interface Software and Technology (1999)	☐
	9	Holmquist, "The Zoom Browser," Human IT Tridskrift för studier av IT ur ett humanvetenskaplight perspektive, March, 1998	☐

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
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	Art Unit	2176
	Examiner Name	Herndon, Heather R
	Attorney Docket Number	005207.P001XC

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT
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Filing Date	2007-04-15
First Named Inventor	Rohrabaugh
Art Unit	2176
Examiner Name	Robinson, Marshon L.
Attorney Docket Number	005207.P001XC

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	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Robinson, Marshon L.
	Attorney Docket Number	005207.P001XC

	1	Combined Printout of HTML Help Files for Opera 3.60 (HTML pages printed to PDF docs and combined), Available on May 12, 1999.	☐
	2	Screenshots compilations of Web pages using Opera 3.60, including: www.Altavista.com – May 1, 1999 www.cnet.com – May 8, 1999 www.excite.com – May 8, 1999 www.nytimes.com – April 22, 1999	☐
	3	Non-Final Office Action for US Application Serial No. 09/828,511, Mailed on March 22, 2004. Not publicly available via PAIR – check USPTO paper file wrapper.	☐
	4	Notice of Allowance for US Application Serial No. 11/738,486	☐
	5	Notice of Allowance for US Application Serial No. 11/738,932	☐
	6	Non-Final Office Action for US Application Serial No. 11/735,482, Mailed April 27, 2010	☐

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99**)		
	Application Number	11375477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	005207.P001XC

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Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	6857102	B1	2005-02-15	Bickmore et al.	
	2	6674445	B1	2004-06-06	Chithambaram et al.	
	3	6300947	B1	2001-10-09	Kanevsky, Dimitri	
	4	5966135	A	1999-10-12	Roy et al.	
	5	6011905	A	2000-01-04	Huttenlocher et al.	
	6	6057854	A	2000-05-02	Davis, Jr. et al.	
	7	6337693	B1	2002-01-08	Roy et al.	
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	Application Number	11375477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	005207.P001XC

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
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	Attorney Docket Number	005207.P001XC

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First Named Inventor	Rohrabaugh
Art Unit	2176
Examiner Name	Robinson, Marshon L.
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	Attorney Docket Number	005207.P001XC

	1	Official USPTO Action for Application Serial No. 11/868,124 Mailed 8/24/2010 pp 1-15.	☐
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	3	Defendant AT&T Corporation Answer to Complaint, SoftView LLC v. Apple Inc. et al. Case No. 1:10-cv-00389-JJF-LPS	☐
	4	SoftView LLC reply to Apple's Answer (Revised), SoftView LLC v. Apple Inc. et al. Case No. 1:10-cv-00389-JJF-LPS	☐
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	Examiner Name	Tran, Quoc A
	Attorney Docket Number	005207.P001XC

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	1	7823083		2010-10-26	Rohrabaugh et al.	Claims
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	Attorney Docket Number	005207.P001XC

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	1	~~Notice of Allowance for US Application Serial No. 11/735,482~~	☐
	2	~~US App. No. 11/738,486 Applicants' Comments on Reasons for Allowance~~	☐
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	4	SoftView Motion for Leave to Amend Complaint, SoftView LLC v. Apple Inc. et al. Case No. 1:10-cv-00389-JJF-LPS	☐
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	Art Unit	2176
	Examiner Name	Herndon, Heather R
	Attorney Docket Number	005207.P001XC

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	Art Unit	2176
	Examiner Name	Herndon, Heather R
	Attorney Docket Number	005207.P001XC

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Art Unit	2176
Examiner Name	Tran, Quoc A
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D Zhang - Communications of the ACM, 2007 - portal.acm.org

... Transcoding. This refers to the mapping of a non-**scalable** stream to another non-**scalable** stream with a different compression rate (for example, MPEG to H.263). ... F2 Figure 2. A DOM-tree navigation of the MSN home **page** via **Mobile Web**. F3 Figure 3. Analysis results. ...

Cited by 45 - Related articles - BL Direct - All 3 versions

Adapting **web content** to **mobile** user agents

T Laakko... - IEEE Internet Computing, 2005 - computer.org

... 4 **Scalable** encoding formats need only to be encoded once to suit a range of **device** characteristics and user ... The decomposition breaks the **Web page's** structure, but we could recover it if the links referring to the relocated **content** were replaced by the **content** itself. ...

Cited by 58 - Related articles - All 8 versions

Device independence and the **Web** [PDF] from iu.edu

M Butler, F Giannetti, R Gimson... - Internet Computing, ..., 2002 - ieeexplore.ieee.org

... CSS is equally applicable, in browsers that support it, for styling Extensible Hypertext Markup Language (XHTML), **Scalable** Vector Graphics ... **Page** 4. ... Some of this information is available in the **Web page** request's standard HTTP protocol header (see Figure 4). Currently, there ...

Cited by 79 - Related articles - BL Direct - All 14 versions

The **mobile** commerce value chain: analysis and future developments [PDF] from psu.edu

SJ Barnes - International Journal of Information Management, 2002 - Elsevier

... the potential role of niche players appears much greater that the traditional **Web** portal market. ... operator NTT DoCoMo controls the provision of **content** for iMode through a portal **page**. ... Furthermore, whilst proponents argue that WAP is **scalable** and extensible enough to endure ...

Cited by 278 - Related articles - BL Direct - All 11 versions

An extensible and **scalable content** adaptation pipeline architecture to support heterogeneous clients [PDF] from psu.edu

T Phan, G Zorpas... - ... Computing Systems, 2002. ..., 2002 - ieeexplore.ieee.org

Page 1. ... In this paper we propose a modular, extensible, and **scalable** middleware component called the **Content** Adaptation Pipeline that performs **content** adaptation on ... Furthermore, the architecture can be used as part of many client-server ap- plications, not just **Web** browsers ...

Cited by 54 - Related articles - BL Direct - All 15 versions

AmbieAgents: a **scalable** infrastructure for **mobile** and context-aware information services [PDF] from hui.ac.jp

TC Lech... - Proceedings of the fourth international ..., 2005 - portal.acm.org

... The AmbieAgents system was designed to be **scalable** in terms of hardware requirements as well as the complexity of the applications ... see Figure 5). The **content** used for the OSL demo consists of a set of over 200 HTML-pages, partially taken from the OSL **web** site (http ... **Page** 6. ...
Cited by 49 - Related articles - All 7 versions

Dynamic **content** customization in a clientserver environment
K Tracton, K Jaff... - US Patent App. 10/993,761, 2004 - Google Patents
... Preferably, the original source is stored as a **scalable** bit stream (see, eg, MPEG-2), which ... When a client contacts the server, the server will have embedded into a **web page** directive causing ... fashion, the server is still able to cus- tomize network delivery of **content** according to ...
Cited by 64 - Related articles - All 4 versions

Bringing the wireless Internet to **mobile** devices [PDF] from uta.edu
S Saha, M Jamtgaard... - Computer, 2002 - ieeexplore.ieee.org
... WML is **scalable** and extensible because, like XML but unlike ear- lier versions of HTML, it lets users add new markup tags to meet changing needs. ... (a) (b) Figure 4. Transformed **Web content** on two **mobile** devices. (a) The first **page** of a four- line cell phone display consists of ...
Cited by 59 - Related articles - BL Direct - All 18 versions

Design and performance studies of an adaptive scheme for serving dynamic **web content** in a **mobile** computing environment [PDF] from ia.ac.cn
Z Hua, X Xie, H Liu, H Lu... - IEEE transactions on **mobile** ..., 2006 - computer.org
... is more effective by utilizing fragment information than the general **page** adaptation algorithm ... independent of any specific fragment technology, hence allowing for a **scalable** use in ... in our experiments, we will incorporate the MobiDNA scheme into real **Web** browser applications ...
Cited by 16 - Related articles - BL Direct - All 3 versions

People, places, things: **Web** presence for the real world [PDF] from psu.edu
T Kindberg, J Barton, J Morgan, G Becker... - **Mobile** Networks and ..., 2002 - portal.acm.org
... By using **web** technology we increase our chances of having a ubiquitous, **scalable** system and **web** systems have proven to be simple enough for many ... **Page** 8. ... In this subsection, we outline the functionality of a PlaceManager [8], our im- plementation of **web** portals for places. ...
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D Zhang - Communications of the ACM, 2007 - portal.acm.org

... By following the principle of "overview first, then **zoom** in for details," **Mobile Web** first automatically parses a **...** This refers to the mapping of a non-**scalable** stream to another non-**scalable** stream with a **...** F2 Figure 2. A DOM-tree navigation of the MSN home **page** via **Mobile Web**. **...**

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Micro-blog: sharing and querying **content** through **mobile** phones and social participation [PDF] from psu.edu

S Gaonkar, J Li, RR Choudhury, L Cox... - ... conference on **Mobile** ..., 2008 - portal.acm.org

... 174 **Page** 2. **...** A variety of **web** services can be used to mine, group, and correlate blogs based on interests, themes, and social networks. An Internet user can **zoom** into any part of this world map, and browse streaming **content** originating from that region. **...**

Cited by 116 - Related articles - All 33 versions

An empirical study of **web** interface design on small display devices [PDF] from psu.edu

MK Qiu, K Zhang... - **Web** Intelligence, 2004. WI 2004. ..., 2005 - ieeexplore.ieee.org

... 4. The **Zooming** (also called **scalable**) method has good application potential, since it not only distinguishes structural data from semantic data, it is also **scalable** when delivering the **...** Navigation (HANd) has been proposed as a new philosophy to improve **Web** navigation on **...**

Cited by 13 - Related articles - All 20 versions

Usability in **mobile** interface browsing [PDF] from utdallas.edu

M Qiu, K Zhang... - **Web** Intelligence and Agent Systems, 2006 - IOS Press

... In order to adapt to different clients, we need an ef- ficient mechanism to browse the **content** of the **Web**. **...** **Page** 2. **...** technologies for **mobile** devices can be characterized into three categories [3]: presen- tation optimization, semantic conversion, and **scalable** (**zooming**) methods. **...**

Cited by 8 - Related articles - BL Direct - All 5 versions

Mobile camera-based adaptive viewing [PDF] from psu.edu

A Haro, K Mori, V Setlur... - ... Conference on **Mobile** and ..., 2005 - portal.acm.org

... For ex- ample, **web content**, especially when originally designed for desk- top computers, typically becomes **...** Vector graphics are infinitely **scalable** with no loss in quality, in contrast to raster **...** Physically-based scrolling and **zooming** cou- pled with vector graphics creates a better **...**

Cited by 11 - Related articles - All 5 versions

Adapting to network and client variability via on-demand dynamic distillation

A Fox, SD Gribble, EA Brewer... - ACM SIGOPS Operating ..., 1996 - portal.acm.org
... of encoding, but encod- ing-specific tools are necessary to extract and magnify the desired **zoom** region. ... The proxy's role is to retrieve **content** from Internet servers on the client's behalf, deter- mine the high ... the top set of bars is for a cartoon found on a popular **Web page**, and the ...
Cited by 444 - Related articles - BL Direct - All 8 versions

[PDF] A novel navigation and transmission technique for **mobile** handheld devices [PDF] from psu.edu
HM Chen... - ... of the 23rd International Conference on ..., 2003 - Citeseer
... **Scalable** browser Yes Less or equal Open (eg Click and **zoom**) ... progressive rendering is viable to implement the **scalable** browser in the contemporary infrastructure, we believe a more ... We plan to investigate the consequent impact on the **Web** server performance and the HTTP ...
Cited by 8 - Related articles - View as HTML - All 4 versions

Mobile Distance Learning with PDAs: Development and testing of pedagogical and system solutions supporting **mobile** distance learners [HTML] from inodl.org
T Rekkedal... - **Mobile** learning: Transforming the delivery ..., 2009 - books.google.com
... online distance education system at NKI: the internally developed LMS called **Scalable** Educational System ... be able to archive course **content**, provide easy navigation, and provide a **zoom** function for ... mented a technology that makes it possible to save the text on a **web page** ...
Cited by 24 - Related articles - All 22 versions

Thin client visualization [PDF] from psu.edu
SG Eick, MA Eick, J Fugitt, B Horst... - ..., 2007. VAST 2007. ..., 2007 - ieeexplore.ieee.org
... Interface is a thin client AJAX visualization framework we built that uses **Scalable** Vector Graphics ... from GeoBoost server, and delivered them to the **device** to allow **zooming**, panning, and ... not depend on a **web** browser, additional optimizations such as local tile caching can be ...
Cited by 14 - Related articles - All 8 versions

Diffusion of innovations: Smartphones and wireless anatomy learning resources
RB Trelease - Anatomical Sciences Education, 2008 - Wiley Online Library
... devices represent just the first of a new generation providing practical, **scalable** wireless **Web** ... PDF) could also be read on the iPhone by using touch- based **zooming** and panning ... and for newer types of smartphones can take advantage of existing **Web page content** and images ...
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Adaptive **content** presentation for the **web** [PDF] from psu.edu

A Bunt, G Carenini... - The adaptive **web**, 2007 - portal.acm.org

... These tech- niques permit the adaptation to be more flexible, robust and **scalable**. ... The prob- lem is that often text in the thumbnail view becomes unreadable, forcing the user to resort to **zooming** to browse the **content**. ... **Page** 17. 13 Adaptive **Content** Presentation for the **Web** 425 ...

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An adaptive **web page** layout structure for small devices [PDF] from psu.edu

X Xie, C Wang, LQ Chen... - Multimedia Systems, 2005 - Springer

... at solving this problem, we introduce a Doc- ument REpresentation for **Scalable** Structures (DRESS ... UI-based approaches try to use thumbnails or keywords as well as **zooming** techniques to ... The other way to do **web page** transformation is to retrieve the semantic structure from ...

Cited by 7 - Related articles - BL Direct - All 4 versions

A network architecture for heterogeneous **mobile** computing [PDF] from psu.edu

EA Brewer, RH Katz, Y Chawathe... - Personal ..., 2002 - ieeexplore.ieee.org

... I -* Internet & Satellite / L . **Scalable**, r Iliahlv available Server - proxy I I __ -.. W Figure 1. Elements of the BARWAN architecture. ... 11 **Page** 5. ... cal end-user applications supported in today's Internet, including file transfer, electronic mail, and access to the World Wide **Web**. ...

Cited by 203 - Related articles - BL Direct - All 40 versions

[PDF] Information presentation on **mobile** handhelds [PDF] from uni-rostock.de

B Karstens, R Rosenbaum... - Proceedings of ..., 2003 - informatik.uni-rostock.de

... Some examples that use FOCUS & CONTEXT (FLIP **ZOOMING** [BHR+99], CZWeb [FAD+97]) or OVERVIEW & ... P.; Collaud, G.; Jones, C.: Czweb: Fisheye views for visualizing the world-wide **web**, 1997. ... [KLS 00] Kreuseler, M.; Lopez, N.; Schumann, H.: A **scalable** Framework for ...

Cited by 7 - Related articles - View as HTML - All 8 versions

Spatial graph grammars for **Web** information transformation

MK Qiu, GL Song, J Kong... - Human Centric Computing ..., 2004 - ieeexplore.ieee.org

... B B (a1 Ibl (El Figure 9 Grammatical transformations achieving semantic **zooming** 3.2.3. Location transformations When transforming the ... architecture in which both the author and the viewer can negotiate for the layout of a **Web** document. ... [8] extends **Scalable** Vector Graphics ...

Cited by 4 - Related articles

[HTML] Radiology on Handheld Devices: Image Display, Manipulation, and PACS Integration Issues1 [HTML] from rsna.org

B Raman, R Raman, L Raman... - Radiographics, 2004 - radiographics.rsna.org

... by Firepad (Palo Alto, Calif) is compatible with most PDAs and has pan and **zoom** capability for ... Our future software is designed to be **scalable** to allow expansion of the user base. ... Our system incorporates a **Web** interface and custom viewers for Palm OS and the Windows CE ...
Cited by 41 - Related articles - BL Direct - All 5 versions

Dynamically Generated **Scalable** Vector Graphics (SVG) for Barrier-Free **Web**-Applications
K Altmanninger... - Computers Helping People with Special Needs, 2006 - Springer
... 2 **Scalable** Vector Graphics (SVG) ... At its core, SVG is plain text with the inclusion of vectors that retain their resolution at any **zoom**. Furthermore, SVG allows **Web** developers and designers to implement dynamically generated, **Page** 3. 130 K. Altmanninger and W. Wöß ...
Cited by 3 - Related articles - BL Direct - All 3 versions

Context browsing with mobiles-when less is more [PDF] from usenix.org
Y Borodin, J Mahmud... - ... conference on **Mobile** ..., 2007 - portal.acm.org
... However, manually designing these functions is not prac- tical, justifiable, or **scalable** over a multitude of ... displayed on the screen, see Figure 6. The other sections of the original **Web page** can be ... Data Collection We used twenty five **Web** sites for data collection - 5 **Web** sites in ...
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A tactile **web** browser for the visually disabled [PDF] from psu.edu
M Rotard, S Knödler... - ... of the sixteenth ACM conference on ..., 2005 - portal.acm.org
... Especially the exploration of tactile graphics including **zooming**, scrolling and applying filters ... Home, http://www.w3.org/Math/ [26] World Wide **Web** Consortium (W3C), **Scalable** Vector Graphics ... MathML/mmltex/ [29] Zajicek, M., Powell C, Reeves, C., Griffiths, J., **Web** Browsing for ...
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[PDF] A **web** service approach to universal accessibility in collaboration services [PDF] from psu.edu
S Lee, S Ko, G Fox, K Kim... - ... of 1st International Conference on **Web** ..., 2003 - Citeseer
... Figure 2 Architecture of CAROUSEL **Web** service ... service to the users in heterogeneous network environments with greater reliability within a **scalable** network framework. ... Collaborative events such as major presenter's **zooming** in on a SVG image or changing new URLs are ...
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Research on **Mobile** SVG Map Service Based on Java **Mobile Phone**

D Li, Y Zhang, B Yu, N Gu... - Asia-Pacific Service ..., 2007 - ieeexplore.ieee.org

... Once the SVG map is downloaded in **mobile** phone, it can be **zoomed** in/out conveniently and the ... 25-29 July 2005, Volume: 2, On **page**(s): 4 pp.-- [2] W3C, **Scalable** Vector Graphics ... 6 July 2005, **Page**(s):333 -338 [4] XingLing Wang, SVG and Vector Map in **Web** Map Publishing ...

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Multimedia Clip Generation from Documents for Browsing on **Mobile** Devices [PDF] from ricohinnovations.com

B Erol, K Berkner... - Multimedia, IEEE Transactions on, 2008 - ieeexplore.ieee.org

... In this paper we address this problem by introducing **scalable** MMNails with respect to the ... Furthermore, some work has been done on developing **Web** browsers for blind and visually impaired ... greatly, eg, some documents have readable titles that do not need **zooming** in, some ...

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[BOOK] **Mobile web** design

C Moll - 2008 - books.google.com

... article.html. **Page** 12. INTRODUCTION 11 But let's bring things back down to earth for a moment: It's fair to say accessing **web content** on a **mobile device**, as it stands today, is a rather inconsistent experience. Several dozen ...

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An Effective P2P Collaborative Mode for **Mobile Web** Surfing

Y Xiao, Y Tao, W Li... - 2008 IFIP International Conference on ..., 2008 - computer.org

... Bluetooth or other wireless mode, the single client will uses **zoom** in and **zoom** out modes ... [11] RD Doorenbos, O. Etzioni and DS Weld, "A **scalable** comparison shopping ... DW Lonsdale, et a1., "Conceptual-model-based data extraction from multiple-record **Web page**," Data and ...

Cited by 2 - Related articles - All 4 versions

Model-directed **web** transactions under constrained modalities [PDF] from psu.edu

Z Sun, J Mahmud, IV Ramakrishnan... - ... on the **Web** (TWEB), 2007 - portal.acm.org

... semantics, as opposed to syntax- based techniques for identifying concepts, makes it more robust to structural variations in the pages and **scalable** over **Web** ... Instead of displaying the entire **Web page** to the user, Guide-O-**Mobile** displays only the extracted concepts of a **page**. ...

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Towards a uniform **web** application platform for desktop computers and **mobile** devices

T Mikkonen... - Sun Microsystems, Inc. Mountain View, ..., 2008 - portal.acm.org

... **Scalable** Vector Graphics (SVG). ... A small number of physical buttons are provided for **zooming** and navigation, and for switching between regular and full-screen mode. ... Since we have not been able to instrument and debug the internals of the **web** browser used in the N810 ...
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Creating a **mobile web** application platform: the lively kernel experiences [PDF] from tut.fi
T Mikkonen... - ... of the 2009 ACM symposium on ..., 2009 - portal.acm.org
... **Scalable** Vector Graphics (SVG ... A small number of physical buttons are provided for **zooming** and navigation, and for switching between regular and full-screen mode ... 5.1 Enabling **Mobile Web** Applications The hardware used in **mobile** devices has rapidly become more powerful ...
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[PDF] **Page** Layout Adaptation for Small Form Factor Devices [PDF] from psu.edu
J Cai - 2006 - Citeseer
... The **scalable** browser project [8] developed at University of California at Davis uses a similar approach to ... It then allows users to "**zoom** in" at any point for detail viewing. ... Sometimes, when adapting **web content** to **mobile** devices, most of the high-resolution images and other multi ...
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Approaches for **Device**-Independent **Content** Delivery to **Mobile** Devices [PDF] from 141.13.6.53
B Jankowska - Wirtschaftsinformatik 2005, 2005 - Springer
... It reduces the readabil- ity of a site and makes the interaction and navigation more difficult. **Zooming** was applied for viewing information at multiple scales in different devices by Pad++ already in 1994 [BeHo94]. ... XHTML HTML External CC/PP repository **Web** Server **Page** 11. ...
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[PDF] Presenting Large and Complex Information Sets on **Mobile** Handhelds [PDF] from psu.edu
B Karstens, R Rosenbaum... - E-Commerce and M-Commerce ... - Citeseer
... information hiding is used to enable an appropriate **Web** browsing. ... This area contains a downscaled version of the whole image in the logical coordinate system, which is mapped, as during **zooming**, to a smaller area in the display coordinate system. ... **Page** 11. ...
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Adapting to network and client variation using infrastructural proxies: Lessons and perspectives [PDF] from berkeley.edu

A Fox, SD Gribble, Y Chawathe... - Personal ..., 2002 - ieeexplore.ieee.org

... user to decide whether it is worth asking for a refinement: for instance, **zooming** in on ... it pioneered many of the cluster- based scalability techniques generalized in our **scalable** server prototype ... TranSend applies the ideas explored in the preceding section to the World Wide **Web**. ...

Cited by 429 - Related articles - BL Direct - All 16 versions

Personalised **mobile** learning **content** delivery: a learner centric approach

TM Eap, D Gasevic... - International Journal of **Mobile** Learning ..., 2009 - Inderscience

... This principle is difficult to achieve in practice and is not **scalable**. ... Learners can rapidly access learning **content** they need without having to **zoom** in and out or navigating ... The technique involves re-authoring the **web** pages such as converting tables to single-column rows of data ...

Cited by 1 - Related articles - All 5 versions

Trajectory-Based Presentation of Heterogeneous Spatio-temporal **Content** [PDF] from kyoto-u.ac.jp

T Tezuka... - **Web** and Wireless Geographical Information ..., 2005 - Springer

... [ZM O] **Zooming** out while ... 2) for the year 2005 under a project titled Research for New Search Service Methods Based on the **Web's** Semantic Structure ... 2. MF Mokbel, X. Xiong and WG Aref, SINA: **Scalable** incremental processing of continu- ous queries in spatio-temporal ...

Cited by 2 - Related articles - BL Direct - All 5 versions

Method, proxy and system to support full-**page web** browsing on hand-held devices

GB Rohrabaugh... - US Patent 7,584,423, 2009 - Google Patents

... Benjamin B. Bederson et al., A **Zooming Web** Browser, SPIE 1996, http ... 111 NO HTML, XML, CSS **CONTENT** IS TRANSLATED INTO **SCALABLE** VECTOR REPRESENTATION ... VECTORIZED **CONTENT** AND COMPRESSED BITMAPS ARE STREAMED FROM **WEB** SERVER TO ...

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Experience with top gun wingman: A proxy-based graphical **web** browser for the 3com palmpilot [PDF] from psu.edu

A Fox, I Goldberg, SD Gribble, DC Lee... - Proceedings of the ..., 2009 - portal.acm.org

... The software- component block diagram of our **scalable** TACC server is shown in Figure 1. Front ... The refinement interface allows users to **zoom** in on scaled-down images (Figure 2). Clicking on ... **Web** pages chosen to represent the various types of pages on the **Web** today; we ...

Cited by 139 - Related articles - All 23 versions

Building Collaboration Applications that Mix **Web** Services Hosted **Content** with P2P Protocols [PDF] from cornell.edu

K Birman, J Cantwell, D Freedman... - **Web** Services, 2009 ..., 2009 - ieeexplore.ieee.org

... and disadvantages of our model can be summarized as follows: Like other modern **web** development tools ... all machines would see all the state updates (even if the user is **zoomed** into some ... Finally, we look at two **scalable** protocols under conditions of "stress", with a focus on ...
Cited by 1 - Related articles - All 4 versions

Content transcoding middleware for pervasive geospatial intelligence access
CY Lin, A Natsev, BL Tseng, M Hill... - Multimedia and Expo, ..., 2005 - ieeexplore.ieee.org
... (4) Annutaton: An annotator typically is applied to a group of **Web** pages with similar tagging. ... The transcoding middlewares can be very **scalable** and run on multiple proxies. ... "Usine MPEG-7 and MPEG- Figure 4 SVG to SVG Transcoding: Scaling, Cropping or **Zooming** I ...
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[PDF] Ubiquitous access for collaborative information system using SVG [PDF] from psu.edu
S Lee, G Fox, S Ko, M Wang... - Proceedings of SVGopen ..., 2002 - Citeseer
... The **scalable** formats W3C's **Scalable** Vector Graphics (SVG) [12] and Adobe Inc.'s Portable Document ... As is depicted in Figure 6, Event Handler accesses **Web** Server and downloads the ... The resolution customizing event message includes the rate of **zooming** and (x, y) position ...
Cited by 16 - Related articles - View as HTML - All 2 versions

Using **Mobile** GIS as Volunteered GI Provider
G Sun... - icise, 1899 - computer.org
... **zoom**, pan, identify etc. ... This has been extremely successful for general **Web** development. Google Maps in particular is an important example of the GeoWeb 2.0 development approach: Google has built and maintains a high performance, highly **scalable** map service (available ...
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[PDF] **Web** engineering for **mobile** devices [PDF] from psu.edu
K Hendry - 2005 - Citeseer
... Further research is suggested with a emphasis on the need for a **scalable** bitmap image format. ... **Page** 7. 4 1 Introduction ... The **Web's** pre- sentational markup is designed for the desktop PC, which makes **Web content** and services difficult to scale down to a **mobile**. ...
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[PDF] Adaptive Multimedia **Content** Delivery for **Scalable Web** Servers [PDF] from psu.edu

R Prashan - 2001 - Citeseer

... Such a solution is inherently non-**scalable**. If the front-end operates at the transport layer or below, ... resentation before being delivered to the client. 17 **Page** 27. 2.2 **Web Content** Adaptation **Web content** Adaptation involves adapting the **content** to be delivered according ...

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Adaptive image formatting control

JK Croney... - US Patent 7,574,653, 2009 - Google Patents

... client **device**. The display capabilities of the particular **device** requesting access to a **web page** may be identified at the time the **web page** is requested. Converted images may be stored and made available upon request. 49 ...

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Method, proxy and system to support full-**page web** browsing on hand-held devices

GB Rohrabaugh... - US Patent 7,584,423, 2009 - Google Patents

... FROM AN APPROPRIATE SERVER '111 NO HTML, XML, CSS **CONTENT** IS TRANSLATED INTO **SCALABLE** VECTOR REPRESENTATION ... BITMAP FORMAT -116 VECTORIZED **CONTENT** AND COMPRESSED BITMAPS ARE STREAMED FROM **WEB** SERVER TO ... **Page** 8. ...

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[PDF] Maintenance Support–Case Study for a Multimodal **Mobile** User Interface [PDF] from psu.edu

G Fuchs, D Reichart, H Schumann... - ... : Multimedia on **Mobile** ..., 2006 - Citeseer

... The distorted image will not have the same dimensions as the original image, so axis-uniform **scale factor** ka may be used to obtain a distorted representation that retains the original size. ... "World Wide **Web** Consortium (W3C): **Scalable** Vector Graphics – XML ...

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K Nagao - 2003 - books.google.com

... 5.4.1 **Content** Management and Preservation 225 5.4.2 Security Mechanisms 225 5.4.3 Human Interfaces 226 5.4.4 **Scalable** Systems 227 ... **Page** 24. ... Using this idea, we are also developing a system that discovers knowledge from **Web** documents and generates a document that ...

Cited by 44 - Related articles - Library Search - All 3 versions

[CITATION] Primary Class

GB Rohrabaugh...

Resolution independent vector display of internet **content**
GB Rohrabaugh... - US Patent App. 11/735,482, 2007 - Google Patents
... AN APPROPRIATE SERVER '111 NO HTML, XLM, CSS **CONTENT** IS TRANSLATED INTO **SCALABLE** VECTOR REPRESENTATION ... BITMAP FORMAT •114 •116 VECTORIZED **CONTENT** AND COMPRESSED BITMAPS ARE STREAMED FROM **WEB** SERVER TO ... **Page** 7. ...
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Method, browser client and apparatus to support full-**page web** browsing on hand-held devices
GB Rohrabaugh... - US Patent 7,823,083, 2010 - Google Patents
... APPROPRIATE SERVER '111 NO HTML, XML, CSS **CONTENT** IS TRANSLATED INTO **SCALABLE** VECTOR REPRESENTATION ... COMPRESSED BITMAP FORMAT VECTORIZED **CONTENT** AND COMPRESSED BITMAPS ARE STREAMED FROM **WEB** SERVER TO ... **Page** ...

Resolution independent display of internet **content**
GB Rohrabaugh... - US Patent 7,844,889, 2010 - Google Patents
... FROM AN APPROPRIATE SERVER '111 NO HTML, XML, CSS **CONTENT** IS TRANSLATED INTO **SCALABLE** VECTOR REPRESENTATION ... BITMAP FORMAT 1^116 VECTORIZED **CONTENT** AND COMPRESSED BITMAPS ARE STREAMED FROM **WEB** SERVER TO ... **Page** 8. ...

[PDF] Visual Effects Management in a **Mobile** User Interface [PDF] from osu.edu
A Larsson, A Kintström - 2006 - Citeseer
... **Scalable** Vector Graphics (SVG)[6] is a vendor-independent 2D vector graphics standard, defined by the World Wide **Web** Consortium (W3C)[3]. SVG is a composite of an XML based format and a programming API which can be used by graphical applications. ... **Page** 22. 12 ...
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POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS

Application Number	11735477
Filing Date	04/15/2007
First Named Inventor	Gary Rohrabaugh
Title	Resolution Independent Vector Display of In
Art Unit	2176
Examiner Name	Tran, Quoc A.
Attorney Docket Number	005207.P001XC

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith: **29000**

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I am the:

☐ Applicant/Inventor.

OR

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) (Form PTO/SB/96) submitted herewith or filed on _____.

SIGNATURE of Applicant or Assignee of Record

Signature	Gary B Rohrabaugh	Date	3-10-2011
Name	Gary B. Rohrabaugh	Telephone	360 676-0999
Title and Company	Manager, SoftView L.L.C.		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: SoftView L.L.C.

Application No./Patent No.: 11/735,477 Filed/Issue Date: 04/15/2007

Titled: Method, Apparatus, and Browser to Support Full-page Web Browsing on Hand-held Wireless Devices

SoftView L.L.C. , a Partnership
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.

states that it is:

1. [X] the assignee of the entire right, title, and interest in;

2. [ ] an assignee of less than the entire right, title, and interest in (The extent (by percentage) of its ownership interest is _____ %); or

3. [ ] the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

the patent application/patent identified above, by virtue of either:

A. [ ] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy therefore is attached.

OR

B. [X] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Gary B. Rohrabaugh and Scott A. Sherman To: SoftSource Corporation
   The document was recorded in the United States Patent and Trademark Office at
   Reel 020217 , Frame 0564 , or for which a copy thereof is attached.

2. From: SoftSource Corporation To: SoftSource LLC
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[NOTE: A separate copy (*i.e.*, a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Gary B Rohrabaugh — Signature
3-10-2011 — Date
Gary B. Rohrabaugh — Printed or Typed Name
Manager — Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: SoftView L.L.C. (Supplemental Sheet)

Application No./Patent No.: 11/735,477 Filed/Issue Date: 04/23/2007

Titled:
Method, Apparatus, and Browser to Support Full-page Web Browsing on Hand-held Wireless Devices

SoftView L.L.C. , a Partnership
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.

states that it is:

1. [X] the assignee of the entire right, title, and interest in;

2. [ ] an assignee of less than the entire right, title, and interest in
(The extent (by percentage) of its ownership interest is _____ %); or

3. [ ] the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

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[NOTE: A separate copy (*i.e.*, a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

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Signature Date

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EFS ID:	9791729
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	59860
Filer:	Greg H. Gardella/Cortney Drew
Filer Authorized By:	Greg H. Gardella
Attorney Docket Number:	005207.P001XC
Receipt Date:	01-APR-2011
Filing Date:	15-APR-2007
Time Stamp:	14:44:35
Application Type:	Utility under 35 USC 111(a)

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/735,477	04/15/2007	Gary B. Rohrabaugh	005207.P001XC

CONFIRMATION NO. 2104

29000
IRELL & MANELLA LLP
1800 AVENUE OF THE STARS
SUITE 900
LOS ANGELES, CA 90067

POA ACCEPTANCE LETTER

OC00000046997805

Date Mailed: 04/07/2011

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 04/01/2011.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

/hgray/

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

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11/735,477	04/15/2007	Gary B. Rohrabaugh	005207.P001XC

CONFIRMATION NO. 2104

59860
LAW OFFICE OF R. ALAN BURNETT
4108 131ST AVE. SE
BELLEVUE, WA 98006

POWER OF ATTORNEY NOTICE

OC00000004699797

Date Mailed: 04/07/2011

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 04/01/2011.

- The Power of Attorney to you in this application has been revoked by the assignee who has intervened as provided by 37 CFR 3.71. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Gary B. Rohrabaugh	Art Unit	:	2176
Serial No	:	11/735,477	Examiner	:	Quoc A. Tran
Filed	:	April 15, 2007	Conf. No.	:	2104
Title	:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT			

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NON-FINAL OFFICE ACTION OF MARCH 1, 2011

Listing of claims begins on page 2.

Remarks begin on page 13.

CERTIFICATE OF FILING VIA EFS-WEB
I hereby certify that this paper (along with any referred to as being attached or enclosed) is being transmitted via electronic filing (EFS-WEB) on August 31, 2011.

Listing of Claims:

Claims 1-232 (Canceled)

233. (New) A method for enabling a user to perform full page browsing of a Web page on a hand-held wireless device in a manner that replicates browsing the Web page on a desktop Web browser, wherein the Web page comprises HTML-based content and cascading style sheet (CSS) content defining a page layout and design of display content on the Web page, the method comprising:

in response to a user request to access the Web page,

retrieving HTML-based content and the CSS content corresponding to the Web page and processing the HTML-based content and CSS content with a Web browser rendering engine to interpret the page layout and design of the display content on the Web page at full scale; and

enabling the user to perform full page browsing of the Web page at multiple zoom levels by generating corresponding scaled views of the Web page on the hand-held device under which the page layout and design of the display content is retained relative to the interpretation of the page layout and design of the display content at full scale,

wherein each of the Web browser rendering engine and a Web browser rendering engine employed by the desktop browser for which browsing is replicated employ common source code to facilitate core Web page rendering and layout operations.

234. (New) The method of claim 233, wherein the scaled views of the Web page are generated by employing a vector-based rendering engine to effect scaling of the display content as interpreted at full scale.

235. (New) The method of claim 233, further comprising enabling the user to browse arbitrary user-selected pages from among billions of Web pages accessible via the World

Wide Web on the hand-held wireless device in a manner that replicates browsing of those Web pages on the desktop Web browser.

236. (New) The method of claim 233, wherein the display comprises a touchscreen display and a browser is implemented on the hand-held wireless device having a content display area in which Web page views are displayed, further comprising enabling the user to perform zooming operations using tap-based user input detected by the touchscreen display and within the content display area.

237. (New) The method of claim 233, wherein Web page views are displayed within a content display area, the method further comprising:

generating a scaled view of the Web page on the hand-held wireless device in which a width of the Web page is rendered to fit across a width of the content display area,

wherein the scaled view of the Web page comprises a magnified view of the Web page as interpreted at full scale.

238. (New) The method of claim 233, wherein each scaled view of the Web page comprises a magnified view of a corresponding portion of the Web page as interpreted at full scale.

239. (New) The method of claim 233, wherein the plurality of zoom levels include zoom levels that are greater than full scale, and wherein there is no degradation in quality of the presentation of text content when the zoom level is increased.

240. (New) The method of claim 233, wherein the display comprises a touchscreen display and a browser is implemented on the hand-held wireless device having a content display area in which Web page views are displayed, further comprising enabling a user to zoom on a column of content displayed in a current view of the Web page by tapping, via the touchscreen display, within a portion of the column, wherein in response thereto, a zoom

level, offset, and view of the Web page is updated such that a width of the column is displayed to fit across a width of the content display area in the updated view.

241. (New) The method of claim 233, wherein the display comprises a touchscreen display and a browser is implemented on the hand-held wireless device having a content display area in which Web page views are displayed, further comprising enabling a user to zoom on an image displayed in a current view of the Web page by tapping, via the touchscreen display, within the image, wherein in response thereto, a zoom level, offset, and view of the Web page is updated such that the image is displayed to fit across a width of the content display area in the updated view.

242. (New) The method of claim 233, wherein the display comprises a touchscreen display and a browser is implemented on the hand-held wireless device having a content display area in which Web page views are displayed, further comprising enabling a user to zoom on a paragraph displayed in a current view of the Web page by tapping, via the touchscreen display, on text content within the paragraph, wherein in response thereto, a zoom level, offset, and view of the Web page is updated such that paragraph is displayed to fit across a width of the content display area in the updated view.

243. (New) The method of claim 233, further comprising:

defining a content display area comprising a rectangular portion of a browser user interface on which Web page content is to be displayed;

generating scaled display content in accordance with a current zoom level and pan offset; and

employing a display limit bounding box associated with the content display area to define a rectangular portion of the scaled display content that is to be displayed within the content display area to render a view of the Web page in accordance with the current zoom level and pan offset,

wherein a resolution of the display limit bounding box is the same as a resolution of the content display area.

244. (New) The method of claim 233, where the hand-held wireless device comprises a housing substantially rectangular in shape including a touch screen display disposed on a top portion of the housing.

245. (New) The method of claim 233, where the hand-held wireless device comprises a mobile phone.

246. (New) The method of claim 233, wherein the hand-held wireless device is configured to be held in the palm of a user.

247. (New) A method to facilitate browsing of a Web page on a device employing a browser having a browser display area, comprising:

retrieving HTML-based content corresponding to the Web page defining layout information and attributes of content on the Web page comprising a plurality of objects including text objects, image objects, and layout objects;

processing the HTML-based content with a Web browser rendering engine to generate page layout information defining a layout location for each of the plurality of objects included in the Web page as interpreted at a first scale, wherein generation of the page layout information includes,

for each of the plurality of objects,

generating page layout information for the object including a bounding box;

generating information that links the object with its corresponding page layout information;

wherein the page layout information further includes information from which a page layout location of each of the bounding boxes can be determined, and

employing the page layout information to support zooming on objects on the Web page, wherein, in response to a user tapping on an object within a first Web page view, a zoom level, offset, and view of the Web page is updated based on page layout information corresponding to the object,

wherein the objects that may be zoomed on comprise a plurality of different types of objects, and wherein under the updated zoom level and Web page view the layout locations of objects are retained relative to the layout location of the objects as interpreted at the full scale.

248. (New) The method of claim 247, wherein one of the plurality of different types of objects comprises a column, the method further comprising:

in response to a user tapping within an area on a view of the Web page occupied by at least a portion of a column, zooming the Web page view on the column such that in the zoomed view of the Web page the column is enlarged and centered horizontally within the browser display area.

249. (New) The method of claim 248, wherein the column is enlarged so as to fit a width of the column across a width of the browser display area.

250. (New) The method of claim 247, wherein one of the plurality of different types of objects comprises an image, the method further comprising:

in response to a user tapping on an image, zooming the Web page view on the image such that in the zoomed view of the Web page the image is enlarged and centered horizontally within the browser display area.

251. (New) The method of claim 250, wherein the image is enlarged so as to fit a width of the image across a width of the browser display area.

252. (New) The method of claim 247, wherein one of the plurality of different types of objects comprises a paragraph, the method further comprising:

in response to a user tapping on a paragraph, zooming the Web page view on the paragraph such that in the zoomed view of the Web page the paragraph is enlarged and centered horizontally within the browser display area.

253. (New) The method of claim 252, wherein the paragraph is enlarged so as to fit a width of the paragraph across a width of the browser display area.

254. (New) The method of claim 247, wherein the Web page comprises Cascading Style Sheet (CSS) content defining page layout aspects of the Web page, and wherein the page layout information is generated, at least in part, by processing the CSS content.

255. (New) The method of claim 247, wherein the Web page is designed to be viewed by a desktop Web browser, further comprising, after zooming the Web page view on the object, enabling the user to browse an entirety of the HTML-based content at the updated zoom level by panning views of the Web page in response to corresponding user input, wherein each panned view of the Web page comprises a magnified view of a corresponding portion of the Web page as would be rendered by a desktop Web browser employing the Web browser rendering engine at full scale.

256. (New) The method of claim 247, further comprising, after zooming the Web page view on the object, enabling the user to browse an entirety of the HTML-based content at the updated zoom level by panning views of the Web page, wherein the layout of objects in each panned view is retained relative to the layout of the objects as interpreted by the Web browser rendering engine at full scale.

257. (New) The method of claim 247, wherein the device comprises a hand-held device.

258. (New) The method of claim 256, wherein the hand-held device is configured to be held in the palm of a user.

259. (New) The method of claim 247, wherein the device comprises a mobile phone.

260. (New) A mobile device, comprising:

a processor;

a touchscreen display, operatively coupled to the processor;

a wireless communication interface, operatively coupled to the processor, to facilitate wireless communication with a network that supports access to the Internet; and

memory, operatively coupled to the processor, in which a plurality of instructions are stored including instructions comprising an operating system and a mobile browser having a Web browser rendering engine, wherein execution of the plurality of instructions by the mobile device enable the mobile device to perform operations including,

enabling a user to perform full page browsing of a Web page on the mobile device in a manner that replicates browsing the Web page on a desktop Web browser, wherein the Web page comprises HTML-based content and cascading style sheet (CSS) content defining a page layout and design of display content on the Web page, and enabling full page browsing of the Web page is implemented by,

in response to a user request to access the Web page,

retrieving HTML-based content and CSS content corresponding to the Web page and processing the HTML-based content and CSS content with the Web browser rendering engine to interpret the page layout and design of the display content on the Web page at full scale;

enabling the user to perform full page browsing of the Web page at multiple zoom levels by generating corresponding scaled views of the Web page under which the page layout and design of the display content is retained relative to the interpretation of the page layout and design of the display content at full scale,

wherein each of the Web browser rendering engine and a Web browser rendering engine employed by a desktop browser for which browsing is replicated employ common source code to facilitate core Web page rendering and layout operations.

261. (New) The mobile device of claim 260, wherein the plurality of instructions further comprise instructions for implementing a vector-based rendering engine, and wherein scaled views of the Web page are generated by executing instructions corresponding to the vector-based rendering engine to effect scaling of the display content as interpreted at full scale.

262. (New) The mobile device of claim 260, wherein execution of the plurality of instructions enables the user to browse arbitrary user-selected pages from among billions of Web pages accessible via the World Wide Web on the mobile device in a manner that replicates browsing of those Web pages on a desktop Web browser.

263. (New) The mobile device of claim 260, wherein the mobile browser is configured to display Web page views within a content display area on the touchscreen display, and wherein execution of the instructions further enables the user to perform zooming operations using tap-based user input detected by the touchscreen display and within the content display area.

264. (New) The mobile device of claim 260, wherein the mobile device comprises a mobile phone.

265. (New) The mobile device of claim 260, wherein the mobile device is configured to be held in the palm of a user.

266. (New) A mobile device, comprising:

a processor;

a touchscreen display, operatively coupled to the processor;

a wireless communication interface, operatively coupled to the processor, to facilitate wireless communication with a network that supports access to the Internet; and

memory, operatively coupled to the processor, in which a plurality of instructions are stored including instructions comprising an operating system and a browser having a Web browser rendering engine, wherein execution of the plurality of instructions by the mobile device enable a user to perform full page browsing of a Web pages on the mobile device in a manner that replicates browsing the Web pages on a desktop Web browser by performing operations comprising,

in response to a user request to access each of a plurality of Web pages arbitrarily selected from among billions of Web pages accessible via the World Wide Web,

retrieving HTML-based content associated with the Web page and processing the HTML-based content with a Web browser rendering engine to interpret a page layout and design of display content on the Web page at full scale and generate corresponding page layout information, wherein the page layout information defines a layout location for each of a plurality of objects included in the Web page as interpreted at full scale and generation of the page layout information includes,

for each of the plurality of objects,

generating page layout information including a bounding box for the object; and

generating information that links the object with its corresponding page layout information;

wherein the page layout information further includes information from which a page layout location of each of the bounding boxes can be determined;

enabling the user to perform zooming of the Web page at multiple zoom levels and pan views of the Web page at each of the multiple zoom levels by generating corresponding scaled views of the Web page, wherein enabling the user to perform zooming operations includes performing zooming operations in response to tap-based user input, and wherein generation of a scaled view of the Web page is effected by,

for each text object to be included in scaled display content employed to generate the scaled view,

scaling page layout information associated with the text object using a scale factor associated with the scaled display content to determine a scaled datum that defines a scaled page layout location of the text object;

determining display attributes for the text object, including a font typeface, font size and color attribute; and

employing a scalable font associated with the font typeface to render text associated with the text object in a color associated with the color attribute, wherein the text is rendered relative to a location associated with the scaled datum for the text object, and wherein the scale applied to the scalable font is a function of the scale factor and the font size; and

for each image object to be included in scaled display content employed to generate the scaled view,

scaling page layout information associated with the image object using the scale factor to determine a scaled datum that defines a scaled page layout location of the image object; and

scaling scalable image content corresponding to the image object to produce a scaled image having a size that is a function of the scale factor and the bounding box corresponding to the image object; and

generating a scaled view of the Web page on the touchscreen display under which a width of the Web page is rendered to fit across a width of a content display area employed by the browser for displaying Web views.

267. (New) The mobile device of claim 266, wherein each of the Web browser rendering engine and a Web browser rendering engine employed by a desktop browser for which browsing is replicated employ common source code to facilitate core Web page rendering and layout operations.

268. (New) The mobile device of claim 266, wherein a portion of the billions of Web pages comprise Web pages including Cascading Style Sheet (CSS) content defining aspects of the design of those Web pages, and wherein execution of the instructions performs further operations comprising:

in response to a user request to access a Web page including CSS content, employing the Web browser rendering engine to interpret the page layout and design of the display content on the Web page in accordance with the CSS content.

269. (New) The mobile device of claim 266, wherein each scaled view of the Web page comprises a magnified view of a corresponding portion of the Web page as interpreted at full scale, and wherein there is no degradation in quality of the presentation of text content when the zoom level is increased.

REMARKS

Claims 117-232 were pending as of the Office Action dated March 1, 2011. Claims 117-232 have been cancelled. Claims 233-269 have been added.

Specification

Claim 157, which contained the language "non-volatile memory," has been cancelled. Accordingly, the Examiner's objection to the specification is moot. Applicants respectfully request withdrawal of the objection.

New Claims

Claims 233-269 have been added. Support for these claim amendments can be found throughout the specification, including but not limited to paragraphs 0037, 0082-0084, 0090, 0093-0097, Figures 3, 7a, 7b, 8a, 8b, 9a, and 9b. These claim amendments reflect an effort to advance the prosecution of this application in light of the comments set forth in the Office Action. The amendments do not signify agreement with any position set forth in the Office Action or any concession as to an issue implicated thereby. No new matter has been added.

Discussion of Van Ee and Chithambaram

Neither Van Ee (US20020030699A1), Chithambaram (US006674445B1), nor any of the other art of record teaches or suggests the subject matter recited in any of the independent claims. Turning first to independent claim 233, the references fail to teach the recited cascading style sheet (CSS) content and likewise fail to meet the recitation of a "Web browser rendering engine and a Web browser rendering engine employed by a desktop browser for which browsing is replicated employ common source code to facilitate core Web page rendering and layout operations." Rather than a Web browser for displaying HTML data, Chithambaram discloses a method of viewing and interacting with "geographic information."

Chithambaram at 4:1-3. As such, the Chithambaram does not retrieve HTML-based content or CSS content. Likewise, Chithambaram does not employ Web browser rendering engine with common source code.

New independent claim 247 recites (generally) a method for zooming on objects on a Web page. There are also several dependent claims (some dependant on claim 247, others dependent claim 233, including claims 240-242, and 248-253) relating to zooming on particular types of objects (e.g. columns, images, and paragraphs). None of the references teaches such operations. Van Ee, which was relied upon in the office action for its disclosure of zoom operations, instead teaches a system which zooms on predetermined segmentation of the display or on an unspecified region surrounding the location touched by a user:

> When the user now touches screen **104** in the associated location or area, this action gets translated by processor **108** and under control of program memory **110** into a zooming-in on that part of the page image that is centered around the touch location. This can be implemented, e.g., by a predetermined segmentation of the display area into, say, four areas that each can be selected for the zooming-in. Alternatively, that part of the original image gets magnified that has a center coinciding with the touch location.

(Van Ee at [0018]) Van Ee does not disclose or suggest any method relating to "employing [the] page layout information to support zooming on objects on the Web page," as recited in claim 247 or disclose or suggest zooming on any type of object. Van Ee's zoom functionality does not utilize any page layout information. Rather, as explained above, Van Ee suggests a method for zooming in on a screen segmentation or an arbitrary display region surrounding the touch point.

New independent claim 260 generally recites a mobile device that is enabled to perform method operations similar to analogous operations recited in method claim 233. New claim 266 generally recites a mobile device configured to enable a user to perform full page browsing of Web pages on the mobile device in a manner that replicates browsing the Web pages on a desktop Web browser through use of various operations including (among others) operations

relating to generating page layout information and support for tap-based zooming operations that are clearly not taught or suggested by Van Ee, Chithambaram, or any other the art of record.

Request for Reconsideration

Applicants respectfully request favorable consideration of the pending claims in view of the foregoing amendments and arguments. Each of the pending claims is believed to be in form for allowance.

It is believed that all of the pending claims have been addressed. However, the absence of a reply to a specific rejection, issue or comment does not signify agreement with or concession of that rejection, issue or comment. Applicants hereby specifically reserve the right to prosecute claims of different or broader scope in a continuation or divisional application. Applicants note that any claim amendments made herein are made solely for the purposes of more clearly and particularly describing and claiming the invention, and not for purposes of overcoming art or for patentability or narrowing the claims. The Examiner should infer no (i) adoption of a position with respect to patentability, (ii) change in the Applicants' position with respect to any claim or subject matter of the invention, or (iii) acquiescence in any way to any position taken by the Examiner, based on such amendments. It is believed that all of the pending claims have been addressed. However, the absence of a reply to a specific rejection, issue or comment does not signify agreement with or concession of that rejection, issue or

comment. In addition, because the arguments made above may not be exhaustive, there may be reasons for patentability of any or all pending claims (or other claims) that have not been expressed. Finally, nothing in this paper should be construed as an intent to concede any issue with regard to any claim, except as specifically stated in this paper, and the amendment of any claim does not signify concession of unpatentability of the claim prior to its amendment.

If necessary, please apply any charges or credits to deposit account 09-0946.

Respectfully submitted,

Date: August 31, 2011

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Attorney Docket No.: 161539-P001XC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Gary B. Rohrabaugh	Art Unit	:	2176
Serial No	:	11/735,477	Examiner	:	Quoc A. Tran
Filed	:	April 15, 2007	Conf. No.	:	2104
Title	:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT			

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PETITION FOR THREE-MONTH EXTENSION OF TIME

Pursuant to 37 CFR § 1.136, applicants hereby petition that the period for response to the action dated March 1, 2011 be extended for three months to and including September 1, 2011.

Please charge Deposit Account No. 09-0946 in the amount of $555 for the required fee. Please apply any other charges or credits to Deposit Account No. 09-0946.

Respectfully submitted,

Dated: August 31, 2011

/Greg H. Gardella/
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CERTIFICATE OF MAILING BY EFS-WEB FILING

I hereby certify that this paper was filed with the Patent and Trademark Office using the EFS-WEB system on this date: August 31, 2011.

Electronic Patent Application Fee Transmittal

Application Number:	11735477
Filing Date:	15-Apr-2007
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Filer:	Greg H. Gardella/Saronda Gillespie
Attorney Docket Number:	005207.P001XC

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 3 months with $0 paid	2253	1	555	555

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
			Total in USD ($)	**555**

Electronic Acknowledgement Receipt	
EFS ID:	10857643
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	29000
Filer:	Greg H. Gardella/Saronda Gillespie
Filer Authorized By:	Greg H. Gardella
Attorney Docket Number:	005207.P001XC
Receipt Date:	31-AUG-2011
Filing Date:	15-APR-2007
Time Stamp:	19:04:25
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$555
RAM confirmation Number	19247
Deposit Account	090946
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)	
Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		161539_P001XC_ROA.pdf	2249404 485081a718341e458040c948bc55c1ee7b945bc2	yes	16

Multipart Description/PDF files in .zip description

Document Description	Start	End
Amendment/Req. Reconsideration-After Non-Final Reject	1	1
Claims	2	12
Applicant Arguments/Remarks Made in an Amendment	13	16

Warnings:					
Information:					
2	Extension of Time	161539_P001XC_EOT.pdf	111932 a5bce63345088b85c6ec94515322ab25e03d015a	no	1
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	30183 5bc31b015897d55dacaf82422f0356d3293c7761	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	2391519		

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New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Document code: WFEE

United States Patent and Trademark Office
Sales Receipt for Accounting Date: 09/12/2011

DEVANS SALE #00000001 Mailroom Dt: 08/31/2011 090946 11735477
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PTO/SB/06 (07-06)
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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number	Filing Date	☐ To be Mailed
11/735,477	04/15/2007	

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY ☒ RATE ($)	SMALL ENTITY ☒ FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =			X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT 08/31/2011	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE ($)	SMALL ENTITY ADDITIONAL FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	* 37	Minus	** 116	= 0	X $26 =	0	OR	X $ =	
Independent (37 CFR 1.16(h))	* 4	Minus	***3	= 1	X $110 =	110	OR	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
					TOTAL ADD'L FEE	110	OR	TOTAL ADD'L FEE	

AMENDMENT	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)	OR	RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =		OR	X $ =	
Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =		OR	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
/DORIAN EVANS/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99)**		
	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2176
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	7142205		2006-11-28	Chithambaram et al.	
	2	7236173		2007-06-26	Chithambaram et al.	
	3	6874131		2005-03-29	Blumberg	
	4	6449639		2002-09-10	Blumberg	
	5	6134566		2000-10-17	Berman et al.	
	6	6535896		2003-03-18	Britton et al.	
	7	6605120		2003-08-12	Fields et al.	
	8	6272484		2001-08-07	Martin et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2176
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

	9	6300947		2001-10-09	Kanevsky	
	10	6650343		2003-11-18	Fujita et al.	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
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	Attorney Docket Number	161539-P001XC

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Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20050131887		2005-06-16	Rohrabaugh et al.	
	2	20020091738		2002-07-11	Rohrabaugh et al.	

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	1	H10-326169A	JP		1998-12-08			☐
	2	761635	AU		2001-05-17			☐
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	1	Michael J. Albers and Loel Kim, User Web Browsing Characteristics Using Palm Handhelds for Information Retrieval, 2000	☐

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	Art Unit	2176
	Examiner Name	Quoc A. Tran
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Signature	/Greg H. Gardella/	Date (YYYY-MM-DD)	2011-09-20
Name/Print	Greg H. Gardella	Registration Number	46045

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Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Filer:	Greg H. Gardella/Saronda Gillespie
Attorney Docket Number:	005207.P001XC
Filed as Small Entity	

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
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Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
		Total in USD ($)		**180**

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EFS ID:	10994094
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	29000
Filer:	Greg H. Gardella/Saronda Gillespie
Filer Authorized By:	Greg H. Gardella
Attorney Docket Number:	005207.P001XC
Receipt Date:	20-SEP-2011
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Application Type:	Utility under 35 USC 111(a)

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New International Application Filed with the USPTO as a Receiving Office
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Gary B. Rohrabaugh	Art Unit	:	2176
Serial No	:	11/735,477	Examiner	:	Quoc A. Tran
Filed	:	April 15, 2007	Conf. No.	:	2104
Title	:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT			

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants submit for consideration the references listed on the attached form SB08. Copies of the non-patent literature are attached. Copies of U.S. patents will be furnished upon request. Applicants reserve the right to contest the prior art status of any of the references.

The following related patent applications are pending concurrently with this application: U.S. App. Nos. 12/326,092; 11/868,124; 12/941,106; 12/955,487. In the '092 application, an office action was mailed on March 15, 2011, and the applicants submitted a response to the office action on September 14, 2011. In the '124 application, an office action was mailed on January 24, 2011, and the applicants submitted a reply to the office action on July 22, 2011.

In addition, the following patent reexamination proceedings are currently pending: Reexamination Control Nos. 95/000,634 and 95/000,635. On August 8, 2011, the PTO issued orders granting both reexamination requests. These reexaminations involve patents related to the instant application.

Also related to the instant application are United States Patent Nos. 7,823,083; 7,831,926; and 7,844,889, siblings of either the instant application or its parent, in connection with which a number of official actions and amendments were submitted.

Applicants hereby request Examiner to review the foregoing files and in particular the papers specifically referenced. In the interest of administrative efficiency, separate copies of the patent application and reexamination file history documents are not submitted herewith,

CERTIFICATE OF FILING VIA EFS-WEB
I hereby certify that this paper (along with any referred to as being attached or enclosed) is being transmitted via electronic filing (EFS-WEB) on September 20, 2011

as all of the materials are accessible electronically on the PALM system or the PAIR system. Copies will be furnished upon request.

Lawsuits pending in the District of Delaware and the Western District of Washington involve patent(s) related to this application. The lawsuits are captioned SoftView LLC v. Apple Inc. and AT&T Mobility LLC, Civil Action No. 10-CV-389-LPS (D. Del.), and HTC Am., Inc. et al. v. Softview LLC, Civil Action No. 11-CV-908 (W.D. Wash.).

Applicants presume that the Examiner has reviewed all information submitted in connection with applications to which priority has been claimed under 35 U.S.C. § 120, pursuant to MPEP 609.02. Copies of papers included in the file histories of those applications will likewise be furnished on request.

The Commissioner is authorized to charge Deposit Account 09-0946 in the amount of $180 for the required fee. Please apply any charges or credits to Deposit Account No. 09-0946.

Respectfully submitted,

Date: September 20, 2011

/Greg H. Gardella/
Greg H. Gardella
Reg. No. 46,045

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Facsimile: (310) 556-5384

Electronic Acknowledgement Receipt	
EFS ID:	10994094
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	29000
Filer:	Greg H. Gardella/Saronda Gillespie
Filer Authorized By:	Greg H. Gardella
Attorney Docket Number:	005207.P001XC
Receipt Date:	20-SEP-2011
Filing Date:	15-APR-2007
Time Stamp:	21:58:20
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$180
RAM confirmation Number	12491
Deposit Account	090946
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

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Information:					
			Total Files Size (in bytes):	203805593	

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New International Application Filed with the USPTO as a Receiving Office
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PTO/SB/08a (01-10)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	11735477
Filing Date	2007-04-15
First Named Inventor	Gary B. Rohrabaugh
Art Unit	2176
Examiner Name	Quoc A. Tran
Attorney Docket Number	161539-P001XC

U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	7222306		2007-05-22	Kaasila et al.	
	2	7287220		2007-10-23	Kaasila et al.	
	3	6873343		2005-03-29	Chui	

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U.S.PATENT APPLICATION PUBLICATIONS

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FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2]	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2176
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1	Opera 3.60 Help Document, available on May 12, 1999 (e.g. PDF pages 7-28, 36-87)	☐
	2	Screenshot of Web pages using Opera 3.60: Altavista.com - May 1, 1999	☐
	3	Screenshot of Web pages using Opera 3.60: Cnet.com - May 8, 1999	☐
	4	Screenshot of Web pages using Opera 3.60: Excite.com - May 8, 1999	☐
	5	Screenshot of Web pages using Opera 3.60: NYTimes.com - Apr. 22, 1999	☐
	6	Screenshot of Web pages using Opera 3.60: Opera.com - Oct. 10, 1999	☐
	7	Screenshot of Web pages using Opera 3.60: Softsource.com - Apr. 17, 1999	☐
	8	Screenshot of Web pages using Opera 3.60: uTexas.edu - Apr. 27, 1999	☐
	9	Screenshot of Web pages using Opera 3.60: USPTO.gov - May 5, 1999	☐

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	Filing Date	2007-04-15
	First Named Inventor	Gary B. Rohrabaugh
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	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

	10	Screenshot of Web pages using Opera 3.60: Yahoo.com - May 8, 1999	☐
	11	SVF XML (http://www.svf.org/svfxml.html) p. 1-18 (Date Unknown)	☐
	12	Defendant Apple Inc.'s Answer, Defenses, and Counterclaims to First Amended Complaint (10-cv-00389, D. Del.) (Jan. 3, 2011) (p. 1-22)	☐
	13	Defendant AT&T Mobility, LLC.'s Answer, Defenses, and Counterclaims to First Amended Complaint (10-cv-00389, D. Del.) (Jan. 3, 2011) (p. 1-22)	☐
	14	Plaintiff SoftView LLC's Reply to Defendant Apple Inc.'s Defenses and Counterclaims (10-cv-00389, D. Del.) (Jan. 24, 2011) (p. 1-8)	☐
	15	SoftView LLC's Brief In Support of Its Motion for Leave to Amend Its Complaint (10-cv-00389, D. Del.) (Nov. 10, 2011) (p. 1-9)	☐
	16	SoftView LLC's First Amended Complaint (10-cv-00389, D. Del.) (Dec. 3, 2010) (p. 1-7)	☐
	17	CHRIS WATERSON, Gecko Overview, June 10, 2002	☐
	18	MIKE SHAVER, MICHAEL ANG, Inside the Lizard: A Look at the Mozilla Technology and Architecture, May 29, 2000	☐
	19	KIPP HICKMAN, Mozilla, Base Library Roadmap, Last modified July 15, 1998	☐
	20	KIPP HICKMAN, Mozilla, The Content Model, Last modified July 15, 1998	☐

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	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2176
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

	21	VIDUR APPARAO, TOM PIXLEY, Mozilla, The NGLayout Document Object Model (DOM) Roadmap, Last modified May 26, 2001	☐
	22	CHRIS KARNAZE, Mozilla, Forms, Last modified Jan. 14, 1999	☐
	23	TROY CHEVALIER et al., Mozilla, New Layout: HTML Layout, Last modified July 20, 1998	☐
	24	(Author Unknown), Mozilla, Layout Engine Technical Documentation, Last modified Apr. 4, 2008	☐
	25	JAMES EVERINGHAM, Mozilla, BAM Roadmap, Last modified July 15, 1998	☐
	26	RICK GESSNER, Mozilla, Parsing Engine, Last modified July 15, 1998	☐
	27	MICHAEL PLITKINS, Mozilla, Java and Plugins, Last modified Jan. 14, 1999	☐
	28	MICHAEL PLITKINS, Mozilla, Printing, Last modified Jan. 14, 1999	☐
	29	MICHAEL PLITKINS, Mozilla, Redering, Last modified Jan. 14, 1999	☐
	30	PETER LINSS, Mozilla, Style System, Last modified July 15, 1998	☐
	31	RICK GESSNER, Mozilla, HTML Tag Handling Chart, Last modified Oct. 23, 1998	☐

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	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Gary B. Rohrabaugh
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	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

	32	(Author Unknown), Mozilla, Threading Model, Last modified Oct. 29, 1998	☐
	33	MICHAEL PLITKINS, Mozilla, View System, Last modified Jan. 14, 1999	☐
	34	RICK POTTS, Mozilla, NGLayout Embedding APIs, Last modified Mar. 9, 1999	☐
	35	KEVIN MCCLUSKEY, Mozilla, Widget Library, July 10, 2005	☐
	36	Provisional U.S. Application No, 60/193,862 to Chithambaram et al. (2000-03-30)	☐
	37	Provisional U.S. Application No. 60/159,069 to Chithambaram et al. (1999-10-12)	☐

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EXAMINER SIGNATURE

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

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	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2176
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Greg H. Gardella/	Date (YYYY-MM-DD)	2011-09-20
Name/Print	Greg H. Gardella	Registration Number	46045

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

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5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt	
EFS ID:	10995698
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	29000
Filer:	Greg H. Gardella/Saronda Gillespie
Filer Authorized By:	Greg H. Gardella
Attorney Docket Number:	005207.P001XC
Receipt Date:	20-SEP-2011
Filing Date:	15-APR-2007
Time Stamp:	23:55:24
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	161539_P001XC_IDS_2.pdf	1070820 11698fb7f1ae152c88d236b9559f903fca8b9d57	no	7
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4	Non Patent Literature	161539_P001XC_NPL_3b.pdf	1434741 5a7ffaada04ed2c20efa0ffd84ad848c740bdbe3	no	23
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7	Non Patent Literature	161539_P001XC_NPL_6b.pdf	1305813 0c2f4fb65422ac8a5bc83789e604dd1543c9cad7	no	14
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8	Non Patent Literature	161539_P001XC_NPL_7b.pdf	1142745 1d925f8f32b2888a718a294fbfa0c561ae869343	no	16
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9	Non Patent Literature	161539_P001XC_NPL_8b.pdf	1743230 a5789140b2e3617baee28e9ff67e10b7ed1934a1	no	12
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10	Non Patent Literature	161539_P001XC_NPL_9b.pdf	1073320 581684fb10a5c4d22df58596cdcc6552b48763d2	no	13

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11	Non Patent Literature	161539_P001XC_NPL_10b.pdf	551267 1c1ad2fe9c1ebdbb32a65f78a58bc0cdffeed444	no	10
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16	Non Patent Literature	161539_P001XC_NPL_16b.pdf	285360 3b76dd331d9db3af31ebb5678c136c420760f003	no	7
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20	Non Patent Literature	161539_P001XC_NPL_21b.pdf	136008 22cbedfc0b011d5241d41d222e7a034f622f d018	no	5
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21	Non Patent Literature	161539_P001XC_NPL_22b.pdf	82852 8b364b741c9c99d8fe0425fb8e76ab0c200 030a1	no	4
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28	Non Patent Literature	161539_P001XC_NPL_30b.pdf	84262 6df31ee78bf9da8c4da21508701b718ef617 0b45	no	5

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Warnings:					
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34	Non Patent Literature	161539_P001XC_NPL_36b.pdf	1406562 173190acd5d379983457376844e40c46beefea3e	no	35
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New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/735,477	04/15/2007	Gary B. Rohrabaugh	005207.P001XC	2104

29000 7590 12/02/2011

IRELL & MANELLA LLP
1800 AVENUE OF THE STARS
SUITE 900
LOS ANGELES, CA 90067

EXAMINER	
TRAN, QUOC A	
ART UNIT	PAPER NUMBER
2177	

MAIL DATE	DELIVERY MODE
12/02/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	11/735,477	ROHRABAUGH ET AL.	
	Examiner	Art Unit	
	QUOC A. TRAN	2177	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *31 August 2011*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

5)☒ Claim(s) *233-269* is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *233-269* is/are rejected.

8)☐ Claim(s) _____ is/are objected to.

9)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

10)☒ The specification is objected to by the Examiner.

11)☒ The drawing(s) filed on *31 August 2011* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

12)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

13)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date *09/20/2011 and 09/20/2011*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

This is a Final Office Action in responses to Applicant's Amendments/Remarks filed 08/31/2011;

It is noted the current application is a Continuation of U.S. Non-provisional Application No. 09/878,097, filed ***June 8, 2001***, which is a Continuation-in-Part of U.S. Non-provisional Application No. 09/825,511, filed April 7, 2001. This application further claims the benefit of the filing dates of U.S. Provisional Application No. 60/211,019, filed June 12, 2000, and U.S. Provisional Application No. 60/217,345, filed July 11, 2000.

- Claims 233-269 are newly added and pending.
- Claims 1-116 were previously canceled.
- Claims 117-232 are currently canceled.
- Claims 233, 247, 260 and 266 are independent claims.

To satisfy the claimed priority date of the current patent application, the parent patent applications have been considered by the Examiner as following:

- As per independent claims **233, 247 and 266** of the child application [current], one of the limitations, which recites "*cascading style sheet (CSS) content defining a page layout and design of display content on the Web page*" and "*a bounding box*" and "*tapping interface*" is benefit ONLY from patent application no. 09/878,097 now U.S. Patent 7,210,099 filed ***06/08/2011***; Because**,** the describes limitations whose claim is ONLY

supported by parent applications no. 09/878,097 now U.S. Patent 7,210,099 filed 06/08/2011.

If the examiner has overlooked the portion of the original Specification that describes these features of the present invention, then Applicant should point it out (by page number and line number) in the response to this Office Action.

Examiner is hereby withdrawn the double patent rejection, objection the specification, 112, second paragraph rejection and 101 rejection, which were previously presented in the office action mailed 03/01/2011 in light of Applicant's cancelling claims 117-232 in the current paper. However, the new ground of rejection is introduced herein.

Information Disclosure Statement

The signed and dated copies of applicant's IDS, which were filed on 09/20/2011 and 09/20/2011, are attached to this Office Action.

Regarding the Information Disclosure Statements dated 09/20/2011 and 09/20/2011, at least one of the listed references in each IDS does not fully comply with the requirements of 37 CFR 1.98(b) because at least one of the listed references in each IDS, identified as "non-patent literature documents" in each IDS, fails to identify,

and/or incorrectly identifies, at least one of the following, as required in 37 CFR 1.98(b)(5):

1. publisher;
2. author (if any);
3. title;
4. **relevant pages of the publication**;
5. publication date; and
6. place of publication.

The IDS has been placed in the application file, but at least one of the listed references in the non-patent literature portion thereof has not been considered.

Applicant is advised that the date of any re-submission of any item of information contained in this Information Disclosure Statement or the submission of any missing elements will be the date of submission for purposes of determining compliance with the requirements based on the time of filing the statement, including all certification requirements for statements under 37 CFR 1.97(e). See MPEP § 609.05(a).

Specification

The specification is objected to as failing to provide proper antecedent basis for the claimed subject matter. See 37 CFR 1.75(d)(1) and MPEP § 608.01(o). Correction of the following is required:

It is noted the recited "a housing" of Claim 244 and the recited "common source code to facilitate core Web page*"* of claims 233, 260 and 267. The Specification does not mention the recited "a housing" and "common source code to facilitate core Web page*"*.

Thus, there is no support or antecedent basis for the recited limitation*s* that allows the meaning of the term to be ascertained, as required in 37 CFR 1.75(d)(1).

Claims Rejections – 35 U.S.C. 112, Second Paragraph

The following is a quotation of the second paragraph of 35 U.S.C. 112:

> ***The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter, which the applicant regards as his invention.***

Claims 233, 237, 238, 239, 247, 248, 255, 256, 260, 261, 266, 267 and 269 rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention, because of the following: the limitation "full scale", "common source code", "greater", "no degradation in quality", "substantially rectangular", "may be" "such that", render the claims indefinite, because the terms, "full scale", "common source code", "greater", "no degradation in quality", "substantially rectangular", "may be", "such

that" which are not clearly define the claim terms. Thus one of ordinary skill in the art would not be reasonably apprised of the scope of the invention.

Accordingly, dependent claims 234-246, 248-259, 261-265 and 267-269 fail to recite statutory subject matter, as defined in 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention, because of the similar reason as recited above.

In the interest of compact prosecution, the application is further examined against the prior art, as stated below, upon the assumption that the applicants may overcome the above stated rejections under 35 U.S.C. 112.

Allowable Subject Matter

Claims 240 and 243, objected to as being dependent upon a rejected base claims, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims and rewritten to overcome 35 USC 112. In addition, Claims 266-269 would be allowable, if rewritten to overcome 35 USC 112.

Claims Rejection – 35 U.S.C. 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 233, 235-238, 244-260 and 262-265 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Van Ee** US20020030699A1 -Continuation In Part of No.09/062,364 filed 04/17/1998 [hereinafter "Van"], In view of **Lerner et al.** ["US 2004/0210833A1" Con of 09/521,022 filed 03/07/2000 - [hereinafter "Lerner"].

Regarding ***independent claim 233***, Van discloses: ***enabling the user to perform full page browsing of the Web page at multiple zoom levels by generating corresponding scaled views of the Web page on the hand- held device under which the page layout and design of the display content is retained relative to the interpretation of the page layout and design of the display content at full scale,*** In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area [e.g., *display content at full scale]*. Thus, the

user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11];

Also Van further discloses, ***wherein each of the Web browser rendering engine and a Web browser rendering engine employed by the desktop browser for which browsing is replicated employ common source code to facilitate core Web page rendering and layout operations,*** In Van: Para(s) 10-11, allows the user to perceive the graphical information of the image regardless of the display size [e.g. Desktop browser and/or mobile device browser]; especially interesting to handhelds, such as PDA's, palmtops, mobile phones, web pads (thin clients with browsing capabilities), etc., because the size of a handheld's display is necessarily small due to the required form factor and weight limitation. The ubiquitous information access via a browser is a great asset for Internet-enabled handhelds (comprising a wireless modem), as not only text pages but also, e.g., still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java animation are now within reach of these devices whose screen real estate needs not be the limiting factor anymore [Para 10]. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11].

In addition, Van does not expressly teach, but Lerner discloses: Lerner discloses: ***A method for enabling a user to perform full page browsing of a Web page on a hand-held wireless device in a manner that replicates browsing the Web page on***

a desktop Web browser, wherein the Web page comprises HTML-based content and cascading style sheet (CSS) content defining a page layout and design of display content on the Web page, In Lerner Para 6, which discloses a Web-based document (WBD) displayed by a Web browser; provides users with an intuitive Web-based interface for accessing, viewing and searching the annotated WBDs [Para 6]. It is noted, User computer 100 may be a personal computer, handheld personal digital assistant (" PDA"), or any other type of microprocessor-based device, [In Lerner: Para 40 and Fig. 1].

In addition, Lerner further discloses ***the method comprising: in response to a user request to access the Web page, retrieving HTML-based content and the CSS content corresponding to the Web page and processing the HTML-based content and CSS content with a Web browser rendering engine to interpret the page layout and design of the display content on the Web page at full scale;*** In Lerner Para 60, which discloses the uses of Explorer ("IE") implementation of the Document Object Model ("DOM") in combination with Cascading Style Sheets ("CSS") and Dynamic-HTML ("DHTML") World Wide Web technology; wherein The Document Object Model is a platform-neutral and language-neutral specification that allows programs and scripts to dynamically access and update the content, structure and style of WBDs. CSS is a standard approved by the World-Wide-Web Consortium that allows WBD authors greater flexibility in specifying how their WBDs should be formatted inside a browser. For example, these style sheets make it possible to insert elements on a

WBD that "snap" to the sides of a browser, akin to left or right justified text, so that they move with the browser window as it is resized. DHTML functionality allows WBD authors to create multiple overlaid layers of HTML inside a single WBD, and also enables WBDs to alter their content programmatically [i.e., setting its CSS STYLE properties with "position:absolute; width:<width_of_browser>" –see Para 61].

Accordingly, It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Van's handheld with auto-zoom, to include a means of said enabling a user to perform full page browsing of a Web page on a hand-held wireless device in a manner that replicates browsing the Web page on a desktop Web browser, wherein the Web page comprises HTML-based content and cascading style sheet (CSS) content defining a page layout and design of display content on the Web page; the method comprising: in response to a user request to access the Web page, retrieving HTML-based content and the CSS content corresponding to the Web page and processing the HTML-based content and CSS content with a Web browser rendering engine to interpret the page layout and design of the display content on the Web page at full scale as taught by Lerner to produce a predictable result, as evidence, Van's auto Zoom on the screen enabling the user to browse the Web with a display of limited size devices [mobile, handheld, PDA…] utilizing the one or more ZOOM LEVELS. Also it is a great asset for Internet-enabled handhelds (comprising a wireless modem), as not only text pages but also, e.g., still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java

animation are now within reach of these devices whose screen real estate needs not be the limiting factor anymore, Generally set forth in Van Para(s) 8-11.

Regarding ***Claim 235,*** Van and Lerner further discloses: ***among billions of Web pages accessible via the World Wide Web on the hand-held wireless device in a manner that replicates browsing of those Web pages on the desktop Web browser.*** In Van: Para(s) 10-11, allows the user to perceive the graphical information of the image regardless of the display size [e.g. Desktop browser and/or mobile device browser].

Regarding ***Claim 236,*** Van and Lerner further discloses: ***the display comprises a touchscreen display and a browser is implemented on the hand-held wireless device having a content display area in which Web page views are displayed, further comprising enabling the user to perform zooming operations using tap-based user input detected by the touchscreen display and within the content display area.*** In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area [e.g., *display content at full scale]*. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11];

Regarding ***Claim 237,*** Van and Lerner further discloses: ***Web page views are displayed within a content display area, the method further comprising: generating a scaled view of the Web page on the hand-held wireless device in which a width of the Web page is rendered to fit across a width of the content display area, wherein the scaled view of the Web page comprises a magnified view of the Web page as interpreted at full scale.*** In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area [e.g., *to fit across a width of the content display area]*. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11];

Regarding ***Claim 238,*** Van and Lerner further discloses: ***each scaled view of the Web page comprises a magnified view of a corresponding portion of the Web page as interpreted at full scale.*** In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of

hyperlinks. When the user touches a particular location on the touch screen that corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area [e.g., *to fit across a width of the content display area]*. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11];

Regarding ***Claim 244,*** Van and Lerner further discloses: ***the hand-held wireless device comprises a housing substantially rectangular in shape including a touch screen display disposed on a top portion of the housing.*** In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area [e.g., *to fit across a width of the content display area]*. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11]; Also Van further discloses when the user has retrieved a web page and displayed on LCD 102 in its entirety. Due to the scale size of LCD 102 individual hyperlinks or text fragments may not be well discernible, although the lay-out of the page conveys sufficient information to the user to determine what portion of the page may be relevant. Assume that the portion is the upper right hand corner of the page. When the user now touches screen 104 in the associated location or area, this

action gets translated by processor 108 and under control of program memory 110 into ***a zooming-in on that part of the page image that is centered around the touch location***. This can be implemented, e.g., by a pre-determined segmentation of the display area into, say***, four areas that each can be selected for the zooming-in,*** that part of the original image gets magnified that has a center coinciding with the touch location, [e.g., a housing substantially rectangular in shape], [In Van: Para 18.]

Regarding ***Claims 245-246,*** Van and Lerner further discloses: ***where the hand-held wireless device comprises a mobile phone; wherein the hand-held wireless device is configured to be held in the palm of a user.*** In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen.

Regarding ***Independent Claim 247,*** the rejection of claims 233, 236 and 244 are fully incorporated**.** Thus, Van and Lerner disclose every limitation of Claim 247 and provide proper reasons to combine, as indicated in the above rejections for Claims 233, 236 and 244. In addition, Van and Lerner further discloses: ***a plurality of objects including text objects, image objects, and layout objects; processing the HTML-based content with a Web browser… and wherein under the updated zoom level and Web page view the layout locations of objects are retained relative to the layout location of the objects as interpreted at the full scale.*** In Van: Para(s) 10-11, allows the user to perceive the graphical information of the image regardless of the display size [e.g. Desktop browser and/or mobile device browser]; especially interesting

to handhelds, such as PDA's, palmtops, mobile phones, web pads (thin clients with browsing capabilities), etc., because the size of a handheld's display is necessarily small due to the required form factor and weight limitation. The ubiquitous information access via a browser is a great asset for Internet-enabled handhelds (comprising a wireless modem), as not only text pages but also, e.g., still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java animation are now within reach of these devices whose screen real estate needs not be the limiting factor anymore [Para 10]. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11]. Also Van further discloses when the user has retrieved a web page and displayed on LCD 102 in its entirety. Due to the scale size of LCD 102 individual hyperlinks or text fragments may not be well discernible, although the lay-out of the page conveys sufficient information to the user to determine what portion of the page may be relevant. Assume that the portion is the upper right hand corner of the page. When the user now touches screen 104 in the associated location or area, this action gets translated by processor 108 and under control of program memory 110 into ***a zooming-in on that part of the page image that is centered around the touch location***. This can be implemented, e.g., by a pre-determined segmentation of the display area into, say***, four areas that each can be selected for the zooming-in,*** that part of the original image gets magnified that has a center coinciding with the touch location, [In Van: Para 18.]

Regarding ***Claim 248,*** Van and Lerner further discloses: ***wherein one of the plurality of different types of objects comprises a column, the method further comprising: in response to a user tapping within an area on a view of the Web page occupied by at least a portion of a column, zooming the Web page view on the column such that in the zoomed view of the Web page the column is enlarged and centered horizontally within the browser display area.*** In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area [e.g., *to fit across a width of the content display area]*. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11]; Also Van further discloses when the user has retrieved a web page and displayed on LCD 102 in its entirety. Due to the scale size of LCD 102 individual hyperlinks or text fragments may not be well discernible, although the lay-out of the page conveys sufficient information to the user to determine what portion of the page may be relevant. Assume that the portion is the upper right hand corner of the page. When the user now touches screen 104 in the associated location or area, this action gets translated by processor 108 and under control of program memory 110 into ***a zooming-in on that part of the page image that is centered around the touch location***. This can be implemented, e.g., by a pre-determined segmentation of

the display area into, say***, four areas that each can be selected for the zooming-in,*** that part of the original image gets magnified that has a center coinciding with the touch location, [e.g., a housing substantially rectangular in shape], [In Van: Para 18.]

Regarding ***Claim 249,*** the rejection of claim 233 is fully incorporated**.** Thus, Van and Lerner disclose every limitation of Claims 249 and provide proper reasons to combine, as indicated in the above rejections for Claim 233.

Regarding ***Claims 250-251,*** Van and Lerner further discloses: ***one of the plurality of different types of objects comprises an image, the method further comprising: in response to a user tapping on an image, zooming the Web page view on the image such that in the zoomed view of the Web page the image is enlarged and centered horizontally within the browser display area; wherein the image is enlarged so as to fit a width of the image across a width of the browser display area.*** In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area [e.g., *to fit across a width of the content display area]*. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11];

Regarding ***Claims 252-253,*** Van and Lerner further discloses: ***one of the plurality of different types of objects comprises a paragraph, the method further comprising: in response to a user tapping on a paragraph, zooming the Web page view on the paragraph such that in the zoomed view of the Web page the paragraph is enlarged and centered horizontally within the browser display area; wherein the paragraph is enlarged so as to fit a width of the paragraph across a width of the browser display area.*** In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area [e.g., *to fit across a width of the content display area]*. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11];

Regarding ***Claims 254-259,*** the rejection of claims 233, 236 and 245-246 are fully incorporated**.** Thus, Van and Lerner disclose every limitation of Claims 254-259 and provide proper reasons to combine, as indicated in the above rejections for Claims 233, 236 and 245-246. In addition, Van and Lerner further discloses: ***after zooming the Web page view on the object, enabling the user to browse an entirety of the***

HTML-based content at the updated zoom level by panning views of the Web page, wherein the layout of objects in each panned view is retained relative to the layout of the objects as interpreted by the Web browser rendering engine at full scale. In Van: Para(s) 10-11, allows the user to perceive the graphical information of the image regardless of the display size [e.g. Desktop browser and/or mobile device browser]; especially interesting to handhelds, such as PDA's, palmtops, mobile phones, web pads (thin clients with browsing capabilities), etc., because the size of a handheld's display is necessarily small due to the required form factor and weight limitation. The ubiquitous information access via a browser is a great asset for Internet-enabled handhelds (comprising a wireless modem), as not only text pages but also, e.g., still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java animation are now within reach of these devices whose screen real estate needs not be the limiting factor anymore [Para 10]. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11]. Also Van further discloses when the user has retrieved a web page and displayed on LCD 102 in its entirety. Due to the scale size of LCD 102 individual hyperlinks or text fragments may not be well discernible, although the lay-out of the page conveys sufficient information to the user to determine what portion of the page may be relevant. Assume that the portion is the upper right hand corner of the page. When the user now touches screen 104 in the associated location or area, this action gets translated by processor 108 and under control of program memory 110 into ***a zooming-in on that part of the page image that is centered around the touch location***. This can be implemented, e.g., by a pre-

determined segmentation of the display area into, say***, four areas that each can be selected for the zooming-in,*** that part of the original image gets magnified that has a center coinciding with the touch location, [In Van: Para 18.]

Regarding ***Claims 260, 262-265,*** the rejection of claims 233, 235, 236, 245 and 246 are fully incorporated**.** Thus, Van and Lerner disclose every limitation of Claims 260, 262-265 and provide proper reasons to combine, as indicated in the above rejections for Claims 233, 235, 236, 245 and 246.

Claims 234, 239, 241, 242, and 261 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Van Ee** US20020030699A1 -Continuation In Part of No.09/062,364 filed 04/17/1998 [hereinafter "Van"], In view of **Lerner et al.** ["US 2004/0210833A1" Con of 09/521,022 filed 03/07/2000 - [hereinafter "Lerner"], and further in view of **Chui** ["US 2002/0018072" Non-Provisional of Provisional 60/203,494 filed 05/11/2000 - [hereinafter "Chui"],

Regarding ***Claim 234,*** Van and Lerner do not expressly teach, but Chui discloses: ***the scaled views of the Web page are generated by employing a vector-based rendering engine to effect scaling of the display content as interpreted at full scale.*** In Chui: the Abstract and Para(s) 7-8 and Fig. 2, which discloses a method and apparatus for creating a background or foreground image at different resolutions with a scalable graphic utilizing the SVG [Scalable Vector Graphics].

Accordingly, It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Van and Lerner's handheld with auto-zoom, to include a means of said the scaled views of the Web page are generated by employing a vector-based rendering engine to effect scaling of the display content as interpreted at full scale as taught by Chui to produce a predictable result, as evidence, Van's auto Zoom on the screen enabling the user to browse the Web with a display of limited size devices [mobile, handheld, PDA…] utilizing the one or more ZOOM LEVELS. Also it is a great asset for Internet-enabled handhelds (comprising a wireless modem), as not only text pages but also, e.g., still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java animation are now within reach of these devices whose screen real estate needs not be the limiting factor anymore, Generally set forth in Van Para(s) 8-11.

Regarding ***Claim 239,*** Van and Lerner do not expressly teach, but Chui discloses: ***the plurality of zoom levels include zoom levels that are greater than full scale, and wherein there is no degradation in quality of the presentation of text content when the zoom level is increased.*** In Chui: the Abstract and Para(s) 58-59 and Fig. 2 items 101-103, which discloses a method and apparatus for creating a background or foreground image at different resolutions with a scalable graphic utilizing the SVG [Scalable Vector Graphics]; wherein the image data is cached locally and reused wherever possible. Caching data locally allows random access to different parts of the image and allows images, or parts of images, to be loaded in a variety of

resolution and quality levels. The data need not be cached locally. Since, the system reuses the existing image data together with the new image data to create a high quality higher resolution view. Thus, the system uses a file hierarchy that allows for two resolution levels to be extracted from one sub-image.

Accordingly, It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Van and Lerner's handheld with auto-zoom, to include a means of said the plurality of zoom levels include zoom levels that are greater than full scale, and wherein there is no degradation in quality of the presentation of text content when the zoom level is increased as taught by Chui to produce a predictable result, as evidence, Van's auto Zoom on the screen enabling the user to browse the Web with a display of limited size devices [mobile, handheld, PDA…] utilizing the one or more ZOOM LEVELS. Also it is a great asset for Internet-enabled handhelds (comprising a wireless modem), as not only text pages but also, e.g., still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java animation are now within reach of these devices whose screen real estate needs not be the limiting factor anymore, Generally set forth in Van Para(s) 8-11.

Regarding ***Claim 241,*** Van and Lerner further discloses: ***wherein the display comprises a touchscreen display and a browser is implemented on the hand-held wireless device having a content display area in which Web page views are displayed, enabling a user to zoom on an image displayed in a current view of the***

Web page by tapping, via the touchscreen display, within the image, … and view of the Web page is updated such that the image is displayed to fit across a width of the content display area in the updated view ; In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area [e.g., *to fit across a width of the content display area]*. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11];

In addition, Chui discloses: ***wherein in response thereto, a zoom level, offset,*** In Chui: the Abstract and Para(s) 1454-145, which discloses the new cropping parameters will be added to the header of the image file stored (or cached) in the client computer to indicate ***the cropping boundaries*** for the subimage level or levels downloaded to the client computer in response to the client's image zoom; wherein the ***table of offset pointers*** to tiles that is included in the base image header for each bitstream in the base image is also used ***during zooming and panning***.

Accordingly, It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Van and Lerner's handheld with auto-

zoom, to include a zoom level, offset as taught by Chui to produce a predictable result, as evidence, Van's auto Zoom on the screen enabling the user to browse the Web with a display of limited size devices [mobile, handheld, PDA…] utilizing the one or more ZOOM LEVELS. Also it is a great asset for Internet-enabled handhelds (comprising a wireless modem), as not only text pages but also, e.g., still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java animation are now within reach of these devices whose screen real estate needs not be the limiting factor anymore, Generally set forth in Van Para(s) 8-11.

Regarding ***Claim 242,*** Van and Lerner further discloses: ***the display comprises a touchscreen display and a browser is implemented on the hand-held wireless device having a content display area in which Web page views are displayed, further comprising enabling a user to zoom on a paragraph displayed in a current view of the Web page by tapping, via the touchscreen display, on text content within the paragraph, … and view of the Web page is updated such that paragraph is displayed to fit across a width of the content display area in the updated view***; In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that corresponds to a portion of the page's image, it is noted, not only text pages but also, e.g., still pictures (e.g., jpeg),

streaming video, web page with hyperlinks (e.g., HTML) and java animation are now within reach of these devices whose screen real estate needs not be the limiting factor anymore, the portion gets displayed so as to fill the display's area [e.g., *to fit across a width of the content display area]*. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11].

In addition, Chui discloses: ***wherein in response thereto, a zoom level, offset,*** In Chui: the Abstract and Para(s) 1454-145, which discloses the new cropping parameters will be added to the header of the image file stored (or cached) in the client computer to indicate ***the cropping boundaries*** for the subimage level or levels downloaded to the client computer in response to the client's image zoom; wherein the ***table of offset pointers*** to tiles that is included in the base image header for each bitstream in the base image is also used ***during zooming and panning***.

Accordingly, It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Van and Lerner's handheld with auto-zoom, to include a zoom level, offset as taught by Chui to produce a predictable result, as evidence, Van's auto Zoom on the screen enabling the user to browse the Web with a display of limited size devices [mobile, handheld, PDA…] utilizing the one or more ZOOM LEVELS. Also it is a great asset for Internet-enabled handhelds (comprising a wireless modem), as not only text pages but also, e.g., still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java animation are now

within reach of these devices whose screen real estate needs not be the limiting factor anymore, Generally set forth in Van Para(s) 8-11.

Regarding ***Claim 261*****,** the rejection of claim 234 is fully incorporated**.** Thus, Van and Lerner and Chui disclose every limitation of Claims 261 and provide proper reasons to combine, as indicated in the above rejections for Claim 234.

It is noted that citations to specific, pages, columns, lines, or figures in the prior art references should not be considered to be limiting in any way. A reference is relevant for all it contains and may be relied upon for all that it would have reasonably suggested to one having ordinary skill in the art. See, MPEP 2123.

Response to Arguments

Applicant's arguments filed with current paper have been considered but are moot in view of the new ground(s) of rejections as cited above.

It is noted; Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action (see above rejection to claims 233-269 for details).

In addition, Examiner retains **Van Ee** [US 2002/0030699], because, Van discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that

corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area [e.g., *display content at full scale] [*the Abstract and Para(s) 8-10*]*. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11];

Accordingly, for at least all the above evidence, therefore the Examiner respectfully maintains the rejection of newly presented Claims 233-269 at this time.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to QUOC A. TRAN whose telephone number is (571)272-8664. The examiner can normally be reached on Mon through Fri 8AM - 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cesar Paula can be reached on (571)272-4128. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/QUOC A TRAN/
Examiner, Art Unit 2177

/Amelia Rutledge/
Primary Examiner, Art Unit 2177

Notice of References Cited	Application/Control No. 11/735,477	Applicant(s)/Patent Under Reexamination ROHRABAUGH ET AL.	
	Examiner QUOC A. TRAN	Art Unit 2177	Page 1 of 1

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*	B	US-2004/0210833 A1	10-2004	Lerner et al.	715/512
*	C	US-2002/0018072	02-2002	Chui, Charles K.	345/667
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DC Robbins - ... CHI 2008: e Disappearing Desktop (PIM ..., 2008 - research.microsoft.com
... We estimate that a **zoomed**-in tile, on a typical **smartphone**, could display two lines ... Some smartphones, such as the Windows Mobile **smartphone**, show arbitrarily long lists of dynamic ... Other smartphones, such as the **iPhone** and Blackberry, typically show a set of static labeled ...
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H Samet, MD Adelfio, BC Fruin, MD Lieberman... - 2011 - umiacs.umd.edu
... Keywords NewsStand, Touch Screen Gesturing **Interface**, Map Query **Interface**, **Smartphone**, App ... Figure 1: **iPhone** and iPod Touch screen shots show- ing (a) Map Mode once the marker ... to locations of interest, by- passing navigation in the map **interface** using **zooming** and the ...
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... 10 subsequent models in its Communicator family, but most of its **smartphone** sales come ... As a device, the initial **iPhone** differed from traditional mobile phones in having a ... than rewritten for mobile, a custom user **interface** with intuitive panning and **zooming** designed specifically ...
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... has developed 10 subsequent models in its Communicator family, but most of its **smartphone** sales come ... As a device, the **iPhone** differs from traditional mobile phones in having a large ... as well as a custom user **interface** with intuitive panning and **zooming** designed specifically ...
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... The screens are designed for interaction with the user's finger(s) and provide **zooming** features, rotate ... for inclusion in the App Store, which is the central repository of **iPhone** ap- plications. ... In today's **smartphone** arms race, app store size is a key factor driving Apple's popularity. ...
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... You can see the other available functions include **zooming** and scrolling (ie, panning) of the map display. ... **iPhone**–Takeuchi & Kennelly| 83 CLOsING COMMeNTs The evolution of mobile mapping

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K Koeemschildi - blogs.stlawu.edu
... size allows the user to control the device through advanced gestures, providing advanced capabilities such as **zooming**. **...** wasn't the first **smartphone** on the market, its release has revolutionized the **smartphone** industry. The **iPhone** has set the gold standard for smartphones. **...**
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... as indicated by the fervor surrounding new devices such as Apple's **iPhone** and LG's **...** **INTERFACE** AND INTERACTION DESIGN FOR ONE-HANDED MOBILE COMPUTING. **...** 115 4.5.2 Panning Techniques .....115 4.5.3 **Zooming** Out to **...**
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Z Hu... - Advances in Wireless Networks and Information ..., 2010 - Springer
... The **iPhone** is an Internet and multimedia enabled **smartphone** designed and marketed by Apple Inc. **...** Web pages may be viewed in portrait or landscape mode and supports automatic **zooming** by pinching together or **...** The **iPhone** supports SVG, CSS, HTML Canvas, and Bonjour **...**
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USER **INTERFACE** METHOD USED IN WEB BROWSING, ELECTRONIC DEVICE FOR PERFORMING THE SAME AND COMPUTER READABLE RECORDING ...
K Moon. . - US Patent App. 12/832,619, 2010 - Google Patents
... device according to embodiments of the present invention include a portable device such as a cellular phone, a **smartphone**, an **IPHONE®**, a Personal **...** For example, by using the UI unit 110, a web browsing command for **zooming**, panning, or scrolling a web page displayed **...**
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... Web shops on web browsers are not easy to use, with **zooming** in and out multiple of times, to see the information and to choose an option, click on a link or button without zoom is difficult and even with zoom navigation is not easy, like **...** 2.1 **iPhone** "A **Smartphone** from Apple **...**
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[PDF] Improving Web Browsing on Mobile Devices Using Focus and **Zooming** [PDF] from umu.se
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... 1 Introduction Mobile devices, like a **smartphone**, are today powerful enough to run desktop software. **...** Improving Web Browsing on Mobile Devices Using Focus and **Zooming** 31 and is there for not suited for using the same combination of techniques as the **iPhone**. **...**
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... [2] use an underlying elastic mesh for the fisheye deformations with a flat lens top (with a con- stant **zooming** level). **...** They were encouraged to actually stand up and hold a **smartphone** (an **iPhone**) to better put themselves in the envisioned situation. **...**
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A tool for video content understanding on mobile smartphones
B Falchuk, A Glasman... - Proceedings of the 10th ..., 2008 - dl.acm.org
... video Figure 6 shows the tool **zooming** into detail from the previous view: thanks to **...** the video content Noted designer Tufte points out reasons why the **iPhone** is effective **...** on Java J2ME MIDP enabled smartphones; J2ME is one of the main **smartphone** development environments **...**
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... [3] 3.5 Interaction techniques A PDA or **Smartphone** is something that you can always take with you. **...** 4.1.2 Graphics and animations The **iPhone** uses many small animations in the **interface** to help the user build a mental model. **...**
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	Application Number	11735477[illegible]1735477 - GAU: 2177
	Filing Date	2007-04-15
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2176
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

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	Examiner Name	Quoc A. Tran
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CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Greg H. Gardella/	Date (YYYY-MM-DD)	2011-09-20
Name/Print	Greg H. Gardella	Registration Number	46045

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[PDF] **Implementing a zooming user interface: experience building Pad++** [PDF] from umd.edu

B Bederson... - Software Practice and Experience, 1998 - ftp://bugs.cs.umd.edu

Abstract We are investigating a novel user interface paradigm based on zooming, in which users are presented with a zooming view of a huge planar information surface. We have developed a system called Pad++ to explore this approach. The implementation of Pad++ ...

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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2177

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
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CLAIM		DATE								
Final	Original	02/24/2011	11/29/2011							
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CLAIM		DATE								
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CLAIM		DATE								
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	144	✓	-							

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
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CLAIM		DATE								
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	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
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CLAIM		DATE								
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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2177

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CLAIM		DATE								
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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2177

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CLAIM		DATE								
Final	Original	02/24/2011	11/29/2011							
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	267		✓							
	268		✓							
	269		✓							

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	Art Unit
	QUOC A TRAN	2177

SEARCHED			
Class	Subclass	Date	Examiner
715	249	2/24/2011	QT
715	205 and 234	2/24/2011	QT
Updated	Updated	11/29/2011	QT

SEARCH NOTES		
Search Notes	Date	Examiner
EAST (USPAT, USPGPUB, JPO, USOCR, FPRS, EPO, DERWENT & IBM_TDB)	2/24/2011	QT
Inventors Searched Conducted- Considered Double Patent Rejection	2/24/2011	QT
NPL Search (Google Scholar Digital Library)	2/17/2011	QT
"Text search" Allowable subject matter" EAST (USPAT, USPGPUB, JPO, USOCR, FPRS, EPO, DERWENT & IBM_TDB)	2/24/2011	QT
Text Search Class 715 All Sub Classes	2/24/2011	QT
Updated	11/29/2011	QT

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner
715	200	2/24/2011	QT
715	249	2/24/2011	QT
715	800	2/24/2011	QT
715	815	2/24/2011	QT
Updated	Updated	11/29/2011	QT

/QUOC A TRAN/ Examiner.Art Unit 2177	

Doc code: IDS
Doc description: Information Disclosure Statement (IDS) Filed

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	11735477
Filing Date	2007-04-15
First Named Inventor	Gary B. Rohrabaugh
Art Unit	2176
Examiner Name	Quoc A. Tran
Attorney Docket Number	161539-P001XC

U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	7142205		2006-11-28	Chithambaram et al.	
	2	7236173		2007-06-26	Chithambaram et al.	
	3	6874131		2005-03-29	Blumberg	
	4	6449639		2002-09-10	Blumberg	
	5	6134566		2000-10-17	Berman et al.	
	6	6535896		2003-03-18	Britton et al.	
	7	6605120		2003-08-12	Fields et al.	
	8	6272484		2001-08-07	Martin et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /Q.T./

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
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	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2176
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

	9	6300947		2001-10-09	Kanevsky	
	10	6650343		2003-11-18	Fujita et al.	
	11	6307562		2001-10-23	Taivalsaari	
	12	6003046		1999-12-14	Nielsen	
	13	6556217		2003-04-29	Makipaa et al	
	14	5987256		1999-11-16	Wu et al.	
	15	7051276		2006-05-23	Mogilevsky et al	
	16	6826727		2004-11-30	Mohr et al.	
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	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

	20	7036076		2006-04-25	Anwar	
	21	6925597		2005-08-02	Anwar	
	22	6343377		2002-01-29	Gessner et al.	
	23	5897644		1999-04-27	Nielsen	
	24	7162493		2007-01-09	Weiss et al.	
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	28	6857102		2005-02-15	Bickmore et al.	
	29	5920327		1999-07-06	Seidensticker, Jr.	
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U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20050131887		2005-06-16	Rohrabaugh et al.	
	2	20020091738		2002-07-11	Rohrabaugh et al.	

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Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1	H10-326169A	JP		1998-12-08			☐
	2	761635	AU		2001-05-17			☐
	3	JP04-259029	JP		1992-09-14			☐
	4	JP04-291675	JP		1992-10-15			☐
	5	JP05-165459	JP		1993-07-02			☐

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	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

	6	JP09-009160	JP		1997-01-10			☐
	7	JP09-016788	JP		1997-01-17			☐
	8	JP09-319537	JP		1997-12-12			☐
	9	JP10-069473	JP		1998-03-10			☐
	10	JP10-326136	JP		1998-12-08			☐
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	12	JP11-015749	JP		1999-01-22			☐
	13	JP11-250009	JP		1999-09-17			☐
	14	JP2000-076473	JP		2000-03-14			☐
	15	JP2000-090001	JP		2000-03-31			☐
	16	JP2000-115527	JP		2000-04-21			☐

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	Examiner Name	Quoc A. Tran
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	17	JP2000-222330	JP		2000-08-11			☐
	18	JP2000-267967	JP		2000-09-29			☐
	19	JP2000-330547	JP		2000-11-30			☐
	20	JP2001-043125	JP		2001-02-16			☐
	21	JP09-305472	JP		1997-11-28			☐
	22	JP10-162002	JP		1998-06-19			☐
	23	JP11-015819	JP		1999-01-22			☐
	24	JP2000-284884	JP		2000-10-13			☐

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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
	1	Michael J. Albers and Loel Kim, User Web Browsing Characteristics Using Palm Handhelds for Information Retrieval, 2000	☐

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	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

	2	Matt Jones et al., Improving Web Interaction on Small Displays, 1999	☐
	3	Geoffrey M. Voelker and Brian N. Bershad, Mobisaic: An Information System for a Mobile Wireless Computing Environment, 1994	☐
	4	Terri Watson, Application Design for Wireless Computing, December 1994	☐
	5	AT&T Mobility LLC's First Supplemental Objections and Responses to Softview LLC's Amended First Set of Interrogatories (Nos. 1-8 to ATTM; Nos. 1-7 and 10 in Softview LLC's Amended First Set of Interrogatories to Defendants, July 12, 2011 (39 pages)	☐
	6	Softview's Motion to Dismiss & Strike Apple's and AT&T Mobility LLC's Inequitable Conduct Defenses dated January 24, 2011	☐
	7	Apple's Opposition to Softview's Motion to Dismiss dated February 7, 2011	☐
	8	Timothy Bickmore et al., Web Page Filtering and Re-Authoring for Mobile Users, 1999, The Computer Journal, vol. 42 no. 6	☐
	9	Stefan Gessler & Andreas Kotulla, "PDAs as Mobile WWW Browsers," Dec. 1995, "University of Karlsruhe	☐
	10	Joel F. Bartlett, Experience with a Wireless World Wide Web Client, March 1995, Digital Equipment Corp., Western Research Laboratory	☐
	11	Armando Fox et al., Experience with Top Gun Wingman: A Proxy-Based Graphical Web Browser for the 3Com PalmPilot ("Fox"), June 22, 1998, Univ. of Cal. at Berkeley	☐
	12	Benjamin B. Bederson & James D. Hollan, Pad++: A Zoomable Graphical Interface System ("Bederson-1"), May 1995, ACM, CHI '95 Mosaic of Creativity	☐

EFS Web 2.1.17 ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /Q.T./

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477 11735477 - GAU: 2177
	Filing Date	2007-04-15
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2176
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

	13	George W. Furnas & Benjamin B. Bederson, Space-Scale Diagrams: Understanding Multiscale Interfaces ("Bederson-2"), May 1995, ACM Press, Proceedings of CHI '05 Human Factors in Computing Systems	☐
	14	Benjamin B. Bederson et al., A Zooming Web Browser ("Bederson-3"), 1996, SPIE, vol. 2667	☐
	15	Ben Bederson & Jon Meyer, Implementing a Zooming User Interface: Experience Building Pad++ ("Bederson-4"), August 1998, John Wiley & Sons, Ltd, Software-Practice and Experience, vol. 28(10)	☐
	16	Benjamin B. Bederson et al., Pad++: A Zoomable Graphical Sketchpad for Exploring Alternate Interface Physics ("Bederson-5"), 1996, Academic Press Ltd., Journal of Visual Languages and Computing, vol. 7	☐
	17	Nokia Unveils World's First All-in-One Communicator for the Americas ("Nokia"), September 19, 1996, Nokia	☐
	18	3Com Announces the Palm VII Connected Organizer, the First Handheld Solution for Out-of-the-Box Wireless Internet Access ("Palm"), December 2, 1998, Palm Computing, Inc.	☐
	19	Apple Outlines Plethora of Newton Wireless Communications Solutions at MessagePad 120 Launch ("Newton"), January 30, 1995, Apple Computer, Inc.	☐
	20	Kaoru Misaki, "Locatio Beginner's Guide (and English translation thereof) ("Locatio"), July 30, 1999, Cutt Systems	☐
	21	Tim Bray, XML in XML ("Bray"), March 18, 1999, XML.com	☐
	22	Scalable Vector Graphics (SVG) Specification, February 11, 1999, W3C Working Draft, WD-SVG-19990211, at http://www.w3.org/TR/1999/WD-SVG-19990211/	☐
	23	Scalable Vector Graphics (SVG) Specification, April 12, 1999, W3C Working Draft, WD-SVG-19990412, at http://www.w3.org/TR/1999/WD-SVG-19990412/	☐

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	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2176
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

	24	Scalable Vector Graphics (SVG) 1.0 Specification, November 2, 2000, W3C Candidate Recommendation	☐
	25	Introduction to SVG, W3C Working Draft, Part of WD-SVG-19990211 at http://www.w3.org/TR/1999/WED-SVG-19990211/intro.html#Document	☐
	26	Steve Mulder, Sneak Peak at SVG, March 4, 1999	☐
	27	Janus Boye, SVG Brings Fast Vector Graphics to Web, July 29, 1999, Irt.org, available at http://www.irt.org/articles/js176/	☐
	28	Rich Graham, Mobile SVG at BitFlash Inc., May 2001, W3C, available at http://www.w3.org/Talks/2002/1007-DI-Helskinki/bitflash/index.html	☐
	29	Vector Markup Language (VML), May 13, 1998, World Wide Web Consortium Note NOTE-VML-19980513	☐
	30	Precision Graphics Markup Language (PGML), April 10, 1998, World Wide Web Consortium Note NOTE-PGML-19980410, at http://www.w3.org/TR/1998/NOTE-PGML-19980410	☐
	31	Specification for Simple Vector Format (SVF) v1.1, January 16, 1995, SoftSource, available at http://www.softsource.com/svf/spec.html	☐
	32	Specification for Simple Vector Format (SVF) v.2.0, December 6, 2000, SoftSource, available at http://www.svf.org/spec.html	☐
	33	Changes to SVF, date unknown, SoftSource, available at http://www.svf.org/diff.html	☐

If you wish to add additional non-patent literature document citation information please click the Add button

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477 11735477 - GAU: 2177
	Filing Date	2007-04-15
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2176
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

EXAMINER SIGNATURE			
Examiner Signature	/Quoc Tran/ (11/28/2011)	Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477 11735477 - GAU: 2177
	Filing Date	2007-04-15
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2176
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☒ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Greg H. Gardella/	Date (YYYY-MM-DD)	2011-09-20
Name/Print	Greg H. Gardella	Registration Number	46045

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"7461353".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L2	3	("7461353" "7584423").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L3	1	L2 & touch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L4	17	(Gary near rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L5	2	L4 & (touch near (screen display))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L6	17	L4 & ((touch near (screen display)) stylus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L7	17	(Gary near rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L8	509	715/800.ccls.	US-PGPUB;	OR	ON	2011/11/28

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			17:27
L9	112	715/238.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L10	542	715/249.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L11	2850	715/205.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L12	6141	715/234.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L13	1504	715/760.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L14	9781	L7 L9 L10 L11 L12 L13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L15	126	L14 & (SVG (scal$4 near vector$5 near graphic$2)) & (pda handheld (small near display$3 near device) mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L16	43	L15 & (@AD<"20000612" @RLAD<"20060612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2011/11/28 17:27

			IBM_TDB			
L17	20	L16 & ((touch near (screen display)) stylus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L18	6	L17 & ((render$3 execut$3 scal$3 deriv$3) near client)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L19	11	L17 & ((render$3 execut$3 scal$3 deriv$3) with client)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
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L21	10	L20 & ((touch near (screen display)) stylus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L22	3	L21 & ((render$3 execut$3 scal$3 deriv$3) with client)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L23	2248	(html xml markup sgmal web internet) & (SVG (scal$4 near vector$5 near graphic$2)) & (pda handheld (small near display$3 near device) mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L24	2248	(html xml markup sgml web internet) & (SVG (scal$4 near vector$5 near graphic$2)) & (pda handheld (small near display$3 near device) mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
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L26	588	L25 & ((touch near (screen display)) stylus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L27	586	L26 & ((render$3 execut$3 scal$3 deriv$3) with (user (thin near client)client))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
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L29	3	L27 & ((original source) near format)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L30	3	L29 & (zoom$3 enlarg$3 (make adj bigger) extend$3 (increas$3 adj size) siz$3 (re adj siz$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L31	586	L27 & (zoom$3 enlarg$3 (make adj bigger) extend$3 (increas$3 adj size) siz$3 (re adj siz$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L32	2	L27 & ((html xml markup sgmal web internet) near (zoom$3 enlarg$3 (make adj bigger) extend$3 (increas$3 adj size) siz$3 (re adj siz$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
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L34	289	(html xml markup sgmal web internet) & (SVG (scal$4 near vector$5 near	US-PGPUB; USPAT;	OR	ON	2011/11/28 17:27

		graphic$2)) & (pda handheld (small near display$3 near device) mobile) & Zoom$3	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
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L37	2	L36 & proxy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L38	3	L36 & Zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L39	4	L36 & (SVG (scal$4 near vector$5 near graphic$2) vector scal$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
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L41	1	L40 & Zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
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L45	1	L44 & substantial$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
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L47	10	(((translat$3 convert$3 transform$3 raster$3) near (HTML xml markup web) near (page document)) same(SVG (scal$4 near vector$5 near graphic$2))) & (pda handheld (small near display$3 near device) mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
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L51	0	L49 & (((re adj (render$3 execut$3 author$3 raster$3 translat$3 convert$3)) (render$3 execut$3 author$3 raster$3 translat$3 convert$3)) same (user near input near (client mobile handhelp pda)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
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L64	5782	(((HTML markup web hypertext) near (page document)) same (SVG scal$3 zoom$3 enlarg$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L65	378	(((HTML markup web hypertext) near (page document)) near (SVG scal$3 zoom$3 enlarg$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L66	125	L65 & (@AD<"20000612" @RLAD<"20060612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L67	98	L66 & ((render$3 execut$3 scal$3 deriv$3) with ((handheld mobile iphone (smart adj phone)(user (thin near client)client))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
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			DERWENT; IBM_TDB			
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L73	3	("7461353" "7584423").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
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L77	17	L75 & ((touch near (screen display)) stylus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
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L82	2850	715/205.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L83	6141	715/234.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L84	1504	715/760.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L85	9781	L78 L80 L81 L82 L83 L84	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L86	126	L85 & (SVG (scal$4 near vector$5 near graphic$2)) & (pda handheld (small near display$3 near device) mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L87	43	L86 & (@AD<"20000612" @RLAD<"20060612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L88	20	L87 & ((touch near (screen display))	US-PGPUB;	OR	ON	2011/11/28

		stylus)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			17:27
L89	6	L88 & ((render$3 execut$3 scal$3 deriv$3) near client)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L90	11	L88 & ((render$3 execut$3 scal$3 deriv$3) with client)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L91	13	L86 & (@AD<"20000612" @RLAD<"20000612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L92	10	L91 & ((touch near (screen display)) stylus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L93	3	L92 & ((render$3 execut$3 scal$3 deriv$3) with client)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L94	2248	(html xml markup sgmal web internet) & (SVG (scal$4 near vector$5 near graphic$2)) & (pda handheld (small near display$3 near device) mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L95	2248	(html xml markup sgml web internet) & (SVG (scal$4 near vector$5 near graphic$2)) & (pda handheld (small near display$3 near device) mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L96	612	L95 & (@AD<"20000612" @RLAD<"20000612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2011/11/28 17:27

			IBM_TDB			
L97	588	L96 & ((touch near (screen display)) stylus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L98	586	L97 & ((render$3 execut$3 scal$3 deriv$3) with (user (thin near client)client))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L99	0	L98 & ((orinal source) near format)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L100	3	L98 & ((original source) near format)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L101	3	L100 & (zoom$3 enlarg$3 (make adj bigger) extend$3 (increas$3 adj size) siz$3 (re adj siz$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L102	586	L98 & (zoom$3 enlarg$3 (make adj bigger) extend$3 (increas$3 adj size) siz$3 (re adj siz$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L103	2	L98 & ((html xml markup sgmal web internet) near (zoom$3 enlarg$3 (make adj bigger) extend$3 (increas$3 adj size) siz$3 (re adj siz$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L104	2	"6876867".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L105	289	(html xml markup sgmal web internet) & (SVG (scal$4 near vector$5 near graphic$2)) & (pda handheld (small near display$3 near device) mobile) & Zoom$3	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2011/11/28 17:27

			EPO; JPO; DERWENT; IBM_TDB			
L106	16	L105 & (@AD<"20000612" @RLAD<"20000612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L107	5	(US-20020018072-$ or US-20010045949-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$).did.	US-PGPUB; USPAT	OR	ON	2011/11/28 17:27
L108	2	L107 & proxy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L109	3	L107 & Zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L110	4	L107 & (SVG (scal$4 near vector$5 near graphic$2) vector scal$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L111	2	("6041143").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L112	1	L111 & Zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L113	91	("20010015719" | "20010047428" | "20020023110" | "20020030699" | "20020112237" | "20020158908" | "20040049598" | "20050144256" | "5615384" | "5897644" | "5952994" | "5956025" | "5966135" | "6011905" | "6057854" | "6076166" | "6211856" | "6300947" | "6337693" | "6421733" | "6449639" | "6456305" | "6456308" | "6457030" | "6466203" | "6546397" | "6553410" | "6556217" | "6615212" | "6674445" | "6704024" | "6781600" | "6829746" | "6857102" | "6886034" |	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27

		"6925595" | "6978418" | "6996533" | "7023572" | "7055095" | "7072984" | "7219309" | "7308649" | "7450114").PN.				
L114	1	L105 & L113	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L115	2	"20070288841".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L116	1	L115 & substantial$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L117	3	"7210099".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L118	10	(((translat$3 convert$3 transform$3 raster$3) near (HTML xml markup web) near (page document)) same(SVG (scal$4 near vector$5 near graphic$2))) & (pda handheld (small near display$3 near device) mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L119	0	L118 & (@ad<"20000612" @rlad<"20000612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L120	42	(((translat$3 convert$3 transform$3 raster$3) with (HTML xml markup web) with (page document)) same(SVG (scal$4 near vector$5 near graphic$2))) & (pda handheld (small near display$3 near device) mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L121	1	L120 & (@ad<"20000612" @rlad<"20000612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L122	0	L120 & (((re adj (render$3 execut$3 author$3 raster$3 translat$3 convert$3))	US-PGPUB; USPAT;	OR	ON	2011/11/28 17:27

		(render$3 execut$3 author$3 raster$3 translat$3 convert$3)) same (user near input near (client mobile handhelp pda)))	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
L123	2	"7461353".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L124	378	(((HTML markup web hypertext) near (page document)) near (SVG scal$3 zoom$3 enlarg$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L125	260	L124 & ((render$3 execut$3 scal$3 deriv$3) with ((handheld mobile iphone (smart adj phone)(user (thin near client)client))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L126	27	L125 & (@AD<"20000612" @RLAD<"20000612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L127	34	L124 & (@AD<"20000612" @RLAD<"20000612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L139	17	(Gary near rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L140	17	L139 & (zoom$3 enlarg$3 (make adj bigger) extend$3 (increas$3 adj size) siz$3 (re adj siz$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L141	17	L139 & ((zoom$3 enlarg$3 (make adj bigger) extend$3 (increas$3 adj size) siz$3 (re adj siz$3)) same scal$3 same (housing (bounding near box)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27

L142	17	L141 & (pda handheld (small near display$3 near device) mobile (smart near phone) iphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L143	1	L142 & (full same scal$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L144	17	L142 & (css)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L145	0	L142 & (css near content)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L146	0	L142 & (replicat$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L147	17	L142 & (desktop nesr web near brows$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L148	0	L142 & (desktop near web near brows$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L149	7	L142 & (desktop same brows$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L150	12	L139 & ((zoom$3 enlarg$3 (make adj bigger) extend$3 (increas$3 adj size) siz$3 (re adj siz$3)) with level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2011/11/28 17:27

			DERWENT; IBM_TDB			
L151	12	L150 & css & scal$3 & (housing (bounding near box))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L152	17	L139 & (zoom$3 same interface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L153	6	(zooming near3 interface) & (SVG (scal$4 near vector$5 near graphic$2)) & (pda handheld (small near display$3 near device) mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L154	1	L153 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L155	1	L153 & ((cascading near style near sheet) CSS)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L156	17	L139 & ((cascading near style near sheet) CSS)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L157	17	L139 & ((html web markup) with (content document page))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L158	11	(US-20020018072-$ or US-20010045949-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20070226314-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$).did.	US-PGPUB; USPAT	OR	ON	2011/11/28 17:27
L159	2	"20020030699".pn.	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2011/11/28 17:27

			EPO; JPO; DERWENT; IBM_TDB			
L160	12	(US-20020018072-$ or US-20010045949-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20070226314-$ or US-20020030699-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$).did.	US-PGPUB; USPAT	OR	ON	2011/11/28 17:27
L161	4	L160 & ((cascading near style near sheet) CSS)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L162	169	((cascading near style near sheet) CSS) & (SVG (scal$4 near vector$5 near graphic$2)) & (pda handheld (small near display$3 near device) mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L163	2	L162 & (@AD<"20000612" @RLAD<"20000612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L164	448	((html xml markup sgml web internet) near (zoom$3 enlarg$3 (make adj bigger) extend$3 (increas$3 adj size) siz$3 (re adj siz$3))) & ((cascading near style near sheet) CSS)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L165	129	L164 & (@AD<"20000612" @RLAD<"20000612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L166	64	L165 & (pda handheld (small near display$3 near device) mobile (smart near phone) iphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L167	2	L166 & ((cascading near style near sheet) CSS) & (SVG (scal$4 near vector$5 near graphic$2)) & (pda handheld (small near display$3 near device) mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L168	2	"6779042".pn. & (pda handheld (small near display$3 near device) mobile (smart	US-PGPUB; USPAT;	OR	ON	2011/11/28 17:27

		near phone) iphone)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
L169	13	(US-20020018072-$ or US-20010045949-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$).did.	US-PGPUB; USPAT	OR	ON	2011/11/28 17:27
L170	11	L169 & ((web html sgml xml dhtml markup) near (page document content))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L171	0	"6674445".pn. & ((web html sgml xml dhtml markup) near (page document content))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L172	0	"6674445".pn. & ((web html sgml xml dhtml markup) near (page document content))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L173	2	"6674445".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L174	0	L173 & ((web html sgml xml dhtml markup) same (page document content))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L175	1	L173 & ((web html sgml xml dhtml markup))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L176	13	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT	OR	ON	2011/11/28 17:27

L177	10	L176 & (pda handheld (small near display$3 near device) mobile (smart near phone) iphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L178	4	L177 & ((cascading near style near sheet) CSS)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L179	10	L177 & (zoom$3 enlarg$3 (make adj bigger) extend$3 (increas$3 adj size) siz$3 (re adj siz$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L180	4	L179 & (SVG (scal$4 near vector$5 near graphic$2)) & (pda handheld (small near display$3 near device) smartphone iphone mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27
L181	3	L180 & ((web html sgml xml dhtml markup) same (page document content))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 17:27

11/28/2011 5:46:11 PM
C:\Users\qtran3\Documents\EAST\Workspaces\11735477_FOAM.wsp

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5782	(((HTML markup web hypertext) near (page document)) same (SVG scal$3 zoom$3 enlarg$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 10:58
L2	378	(((HTML markup web hypertext) near (page document)) near (SVG scal$3 zoom$3 enlarg$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 10:58
L3	125	2 & (@AD<"20000612" @RLAD<"20060612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 10:59
L4	98	3 & ((render$3 execut$3 scal$3 deriv$3) with ((handheld mobile iphone (smart adj phone)(user (thin near client)client))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:00
L5	9	4 & (SVG (scal$4 near vector$5 near graphic$2)) & (pda handheld (small near display$3 near device) mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:01
L6	34	2 & (@AD<"20000612" @RLAD<"20000612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:01
L7	27	6 & ((render$3 execut$3 scal$3 deriv$3) with ((handheld mobile iphone (smart adj phone)(user (thin near client)client))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:02
L8	0	7 & (SVG (scal$4 near vector$5 near	US-PGPUB;	OR	ON	2011/11/28

		graphic$2)) & (pda handheld (small near display$3 near device) mobile)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			11:02
L9	2	"7461353".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L10	3	("7461353" "7584423").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L11	1	L10 & touch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L12	17	(Gary near rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L13	2	L12 & (touch near (screen display))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L14	17	L12 & ((touch near (screen display)) stylus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L15	17	(Gary near rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L16	509	715/800.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2011/11/28 11:06

			IBM_TDB			
L17	112	715/238.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L18	542	715/249.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L19	2850	715/205.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L20	6141	715/234.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L21	1504	715/760.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L22	9781	L15 L17 L18 L19 L20 L21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L23	126	L22 & (SVG (scal$4 near vector$5 near graphic$2)) & (pda handheld (small near display$3 near device) mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L24	43	L23 & (@AD<"20000612" @RLAD<"20060612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L25	20	L24 & ((touch near (screen display)) stylus)	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2011/11/28 11:06

			EPO; JPO; DERWENT; IBM_TDB			
L26	6	L25 & ((render$3 execut$3 scal$3 deriv$3) near client)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L27	11	L25 & ((render$3 execut$3 scal$3 deriv$3) with client)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L28	13	L23 & (@AD<"20000612" @RLAD<"20000612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L29	10	L28 & ((touch near (screen display)) stylus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L30	3	L29 & ((render$3 execut$3 scal$3 deriv$3) with client)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L31	2248	(html xml markup sgmal web internet) & (SVG (scal$4 near vector$5 near graphic$2)) & (pda handheld (small near display$3 near device) mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L32	2248	(html xml markup sgml web internet) & (SVG (scal$4 near vector$5 near graphic$2)) & (pda handheld (small near display$3 near device) mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L33	612	L32 & (@AD<"20000612" @RLAD<"20000612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L34	588	L33 & ((touch near (screen display)) stylus)	US-PGPUB; USPAT;	OR	ON	2011/11/28 11:06

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
L35	586	L34 & ((render$3 execut$3 scal$3 deriv$3) with (user (thin near client)client))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L36	0	L35 & ((orinal source) near format)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L37	3	L35 & ((original source) near format)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L38	3	L37 & (zoom$3 enlarg$3 (make adj bigger) extend$3 (increas$3 adj size) siz$3 (re adj siz$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L39	586	L35 & (zoom$3 enlarg$3 (make adj bigger) extend$3 (increas$3 adj size) siz$3 (re adj siz$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L40	2	L35 & ((html xml markup sgmal web internet) near (zoom$3 enlarg$3 (make adj bigger) extend$3 (increas$3 adj size) siz$3 (re adj siz$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L41	2	"6876867".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L42	289	(html xml markup sgmal web internet) & (SVG (scal$4 near vector$5 near graphic$2)) & (pda handheld (small near display$3 near device) mobile) & Zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06

L43	16	L42 & (@AD<"20000612" @RLAD<"20000612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L44	5	(US-20020018072-$ or US-20010045949-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$).did.	US-PGPUB; USPAT	OR	ON	2011/11/28 11:06
L45	2	L44 & proxy	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L46	3	L44 & Zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L47	4	L44 & (SVG (scal$4 near vector$5 near graphic$2) vector scal$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L48	2	("6041143").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L49	1	L48 & Zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L50	91	("20010015719" | "20010047428" | "20020023110" | "20020030699" | "20020112237" | "20020158908" | "20040049598" | "20050144256" | "5615384" | "5897644" | "5952994" | "5956025" | "5966135" | "6011905" | "6057854" | "6076166" | "6211856" | "6300947" | "6337693" | "6421733" | "6449639" | "6456305" | "6456308" | "6457030" | "6466203" | "6546397" | "6553410" | "6556217" | "6615212" | "6674445" | "6704024" | "6781600" | "6829746" | "6857102" | "6886034" | "6925595" | "6978418" | "6996533" | "7023572" | "7055095" | "7072984" | "7219309" | "7308649" | "7450114").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06

L51	1	L42 & L50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L52	2	"20070288841".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L53	1	L52 & substantial$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L54	3	"7210099".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L55	10	(((translat$3 convert$3 transform$3 raster$3) near (HTML xml markup web) near (page document)) same(SVG (scal$4 near vector$5 near graphic$2))) & (pda handheld (small near display$3 near device) mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L56	0	L55 & (@ad<"20000612" @rlad<"20000612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L57	42	(((translat$3 convert$3 transform$3 raster$3) with (HTML xml markup web) with (page document)) same(SVG (scal$4 near vector$5 near graphic$2))) & (pda handheld (small near display$3 near device) mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:06
L58	1	L57 & (@ad<"20000612" @rlad<"20000612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:07
L59	0	L57 & (((re adj (render$3 execut$3 author$3 raster$3 translat$3 convert$3)) (render$3 execut$3 author$3 raster$3 translat$3 convert$3)) same (user near input near (client mobile handhelp pda)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2011/11/28 11:07

			DERWENT; IBM_TDB			
L60	2	"7461353".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:07
L72	378	(((HTML markup web hypertext) near (page document)) near (SVG scal$3 zoom$3 enlarg$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:10
L73	260	72 & ((render$3 execut$3 scal$3 deriv$3) with ((handheld mobile iphone (smart adj phone)(user (thin near client)client))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:11
L74	27	73 & (@AD<"20000612" @RLAD<"20000612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:11
L75	34	72 & (@AD<"20000612" @RLAD<"20000612")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/28 11:12

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1 Visualizing personal web caches with Caubview
Charles L. Brooks, Murray S. Mazer, Frederick J. Hirsch
September 1998 **TCLTK'98: Proceedings of the 6th conference on Annual Tcl/ Tk Workshop, 1998 - Volume 6** , Volume 6
Publisher: USENIX Association
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

Caubview is a companion visualizer for the Caubweb system: Caubweb enables a user to create a local collection of Web documents to read and update when disconnected. Caubview allows the visual selection of alternative views of the cache as well as reorganizing ...

2 Clustering-Based Visual Interfaces for Presentation of Web Search Results: An Empirical Investigation
Ozgur Turetken, Ramesh Sharda
July 2005 **Information Systems Frontiers** , Volume 7 Issue 3
Publisher: Kluwer Academic Publishers
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 6

The result of a typical web search is often overwhelming. It is very difficult to explore the textual listing of the resulting documents, which may be in the thousands. In order to improve the utility of the search experience, we explore presenting search ...

Keywords: human-computer interaction, information overload, information visualization, user study, web search

3 Evaluating adaptive user profiles for news classification
Ricardo Carreira, Jaime M. Crato, Daniel Gonçalves, Joaquim A. Jorge
January 2004 **IUI '04:** Proceedings of the 9th international conference on Intelligent user interfaces
Publisher: ACM Request Permissions
Full text available: Pdf (132.20 KB)
Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 64, Downloads (Overall): 1394, Citation Count: 13

Never before have so many information sources been available. Most are accessible on-line and some exist on the Internet alone. However, this large information quantity makes interesting articles hard to find. Modern Personal Digital Assistants (PDAs), ...

Keywords: bayesian classifier, content-based filter, mobile and ubiquitous computing, user profiles

4 iMapping: a zooming user interface approach for personal and semantic knowledge management
Heiko Haller, Andreas Abecker
June 2010 **HT '10:** Proceedings of the 21st ACM conference on Hypertext and hypermedia
Publisher: ACM Request Permissions
Full text available: Pdf (1.34 MB)
Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 56, Downloads (Overall): 99, Citation Count: 4

We present iMapping, a zooming based approach for visually organizing information objects. It was developed on top of semantic desktop technologies and especially targets the support of personal knowledge management. iMapping has been designed to combine ...
Keywords: human- computer interaction, interaction design, personal knowledge management, semantic

desktop, spatial hypertext, visual knowledge mapping

5 iMapping: a zooming user interface approach for personal and semantic knowledge management
Heiko Haller, Andreas Abecker
September 2010 **SIGWEB Newsletter** , Issue Autumn
Publisher: ACM
Full text available: Pdf (651.80 KB)
Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 66, Downloads (Overall): 129, Citation Count: 0

We present iMapping, a zooming based approach for visually organizing information objects. It was developed on top of semantic desktop technologies and especially targets the support of personal knowledge management. iMapping has been designed to combine ...
Keywords: human-computer interaction, interaction design, personal knowledge management, semantic desktop, spatial hypertext, visual knowledge mapping

6 WWW Visualization Tools for Discovering Interesting Web Pages
Hironori Hiraishi, Fumio Mizoguchi
January 2002 Progress in Discovery Science, Final Report of the Japanese Discovery Science Project
Publisher: Springer-Verlag
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

In this paper, we describe three types of WWW Visualization tools based on the hyperbolic tree, the WWW Information Access System (WebMapper), the Interactive Browsing Support System (HANAVI), and Web Site Rating System (KAGAMI). WebMapper integrates ...

7 Scalable and Comprehensible Visualization for Discovery of Knowledge from the Internet
Etsuya Shibayama, Masashi Toyoda, Jun Yabe, Shin Takahashi
January 2002 Progress in Discovery Science, Final Report of the Japanese Discovery Science Project
Publisher: Springer-Verlag
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

We propose visualization techniques for supporting a discovery from and comprehension of the information space built on the Internet. Although the Internet is certainly a rich source of knowledge, discoveries from the net are often too hard. On the one ...

8 Nested user interface components
Ken Perlin, Jon Meyer
November 1999 **UIST '99:** Proceedings of the 12th annual ACM symposium on User interface software and technology
Publisher: ACM Request Permissions
Full text available: Pdf (141.88 KB)
Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 35, Downloads (Overall): 728, Citation Count: 6

Nested User Interface Components combine the concepts of Zooming User Interfaces (ZUIs) with recursive nesting of active graphical user interface widgets. The resulting system of recursively nesting interface components has a number of desirable properties. ...

Keywords: control hierarchies, nested interfaces, property editing, widgets, zooming user interfaces

9 The impact of context-aware fisheye models on understanding business processes: An empirical study of data flow diagrams
Ozgur Turetken, David Schuff
January 2007 **Information and Management** , Volume 44 Issue 1
Publisher: Elsevier Science Publishers B. V.
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 1

We investigated whether a "context-aware" fisheye view can more successfully communicate the information contained in a set of process models (data flow diagrams) than a traditional "context-free" presentation. We conducted two controlled experiments: ...

Keywords: ANOVA, Business process redesign, End-user computing, Information visualization, Laboratory experiments, Process improvement, Process modeling, Theory verification, User interface

10 On Integrating Visualization Techniques for Effective Software Exploration
M. A. D. Storey, K. Wong, F. D. Fracchia, H. A. Muller
October 1997 **INFOVIS '97:** Proceedings of the 1997 IEEE Symposium on Information Visualization (InfoVis '97)
Publisher: IEEE Computer Society
Full text available: Publisher Site

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 20

This paper describes the SHriMP visualization technique for seamlessly exploring software structure and browsing source code, with a focus on effectively assisting hybrid program comprehension strategies. The technique integrates both pan+zoom and fisheye-view ...

11 Goal-directed zoom
Allison Woodruff, James Landay, Michael Stonebraker
April 1998 **CHI '98:** CHI 98 conference summary on Human factors in computing systems
Publisher: ACM Request Permissions
Full text available: Pdf (261.77 KB)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 23, Downloads (Overall): 253, Citation Count: 5

Keywords: clutter, information density, semantic zoom, visualization

12 Usable adaptive hypermedia systems
T. Tsandilas, M. C. Schraefel
June 2004 **Hypermedia** , Volume 10 Issue 1
Publisher: Taylor Graham Publishing

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 4

Adaptive interfaces have received much criticism because adaptation and automatic assistance generally contradict the principles of direct-manipulation interfaces. In addition, their success depends highly on the ability of user models to capture the ...

Keywords: adaptive hypermedia, fisheye views, focus+context, predictability, usability, user control

13 Fluid links for informed and incremental hypertext browsing
Polle T. Zellweger, Bay Wei Chang, Jock D. Mackinlay
May 1999 **CHI '99:** CHI '99 extended abstracts on Human factors in computing systems
Publisher: ACM Request Permissions
Full text available: Pdf (230.46 KB)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 6, Downloads (Overall): 149, Citation Count: 3

This paper and video present a novel user interface technique for hypertext, called *fluid links,* that has several advantages over current methods. Fluid links provide additional information at a link source, termed a *gloss,* to support readers ...

Keywords: animation, fluid UI, fluid links, hypertext navigation, user interface

14 WebPath: A Three-Dimensional Web History
Emmanuel Frécon, Gareth Smith
October 1998 **INFOVIS '98:** Proceedings of the 1998 IEEE Symposium on Information Visualization
Publisher: IEEE Computer Society
Full text available: Publisher Site

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 7

15 VisageWeb: Visualizing WWW Data in Visage
Michael Higgins, Peter Lucas, Jeffrey Senn
October 1999 **INFOVIS '99:** Proceedings of the 1999 IEEE Symposium on Information Visualization
Publisher: IEEE Computer Society
Full text available: Publisher Site

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 2

VisageWeb is an information-centric user interface to the World Wide Web built within the Visage data visualization environment. This paper traces the development of the VisageWeb project, using it to motivate an exploration of how an information-centric ...

Keywords: World Wide Web, Information Visualization, User Interface

16 Elastic Windows: a hierarchical multi-window World-Wide Web browser

Esser Kandogan, Ben Shneiderman
October 1997 **UIST '97:** Proceedings of the 10th annual ACM symposium on User interface software and technology

Publisher: ACM Request Permissions

Full text available: Pdf (1.69 MB)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 23, Downloads (Overall): 618, Citation Count: 19

Keywords: World-Wide Web, information visualization, user interfaces, window management

17 Finding and understanding reusable designs from large hierarchical repositories
Peter Damian, Renate Fruchter
March 2006 **Information Visualization** , Volume 5 Issue 1

Publisher: Palgrave Macmillan

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 4

This paper describes a prototype called CoMem (Corporate Memory) that supports the finding and understanding of useful items in large hierarchical repositories. The particular domain is civil engineering design, and the prototype is designed specifically ...

Keywords: fisheye view, focus+ontext, hierarchical visualization, information visualization, interactive visualization, navigation, tree layout

18 Fluid links for informed and incremental link transitions

Polle T. Zellweger, Bay-Wei Chang, Jock D. Mackinlay
May 1998 **HYPERTEXT '98:** Proceedings of the ninth ACM conference on Hypertext and hypermedia : links, objects, time and space---structure in hypermedia systems: links, objects, time and space---structure in hypermedia systems

Publisher: ACM Request Permissions

Full text available: Pdf (1.02 MB)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 29, Downloads (Overall): 524, Citation Count: 36

19 Does Animation Help Users Build Mental Maps of Spatial Information?
Benjamin B. Bederson, Angela Boltman
October 1999 **INFOVIS '99:** Proceedings of the 1999 IEEE Symposium on Information Visualization

Publisher: IEEE Computer Society

Full text available: Publisher Site

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 38

We examine how animating a viewpoint change in a spatial information system affects a user's ability to build a mental map of the information in the space. We found that animation improves users' ability to reconstruct the information space, with no ...

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Peephole displays: pen interaction on spatially aware **handheld** computers [PDF] from psu.edu
KP Yee - Proceedings of the SIGCHI conference on Human ..., 2003 - dl.acm.org
... can augment the space around a user with information and user **interface** elements; [6 **...** The **handheld** computer becomes a por- table gateway to the user's personal information console **...** Techniques for improving navigation on small screens include **zooming** UIs [2, 14] and speed **...**
Cited by 197 - Related articles - BL Direct - All 25 versions

A camera-based **interface** for interaction with mobile **handheld** computers
M Hachet, J Pouderoux... - Proceedings of the 2005 ..., 2005 - dl.acm.org
... dependent au- tomatic **zooming** for browsing large documents. In Proceedings of the 13th annual ACM symposium on User **Interface** Software and Technology (UIST 2000), ACM Press, 139–148. KJEDSKOV, J., AND SKOV, MB 2002. Interaction design for **handheld** computers. **...**
Cited by 64 - Related articles - All 10 versions

Speed-dependent automatic **zooming** for browsing large documents [PDF] from ubc.ca
T Igarashi... - ... 13th annual ACM symposium on User **interface** ..., 2000 - dl.acm.org
... Our automatic **zooming interface** is an attempt to smoothly integrate continuous **zooming** with traditional scrolling interfaces by introducing constraints between scale and speed. **...** In contrast, users were forced to gradually approach to the target in the automatic **zooming interface**. **...**
Cited by 215 - Related articles - All 37 versions

Speed-dependent automatic **zooming interface**
T Igarashi, E Horvitz... - US Patent 6,747,680, 2004 - Google Patents
... 8,2004 (54) SPEED-DEPENDENT AUTOMATIC **ZOOMING INTERFACE** (75) Inventors: Takeo Igarashi, Chigasaki (JP); Eric Horvitz, Kirkland, WA (US); Kenneth P. Hinckley, Kirkland, WA (US) (73) Assignee: Microsoft Corporation, Redmond, WA (US) (*) Notice: Subject to any **...**
Cited by 23 - Related articles - All 2 versions

TangiMap: a tangible **interface** for visualization of large documents on **handheld** computers [PDF] from archives-ouvertes.fr
M Hachet, J Pouderoux, P Guitton... - ... of Graphics **interface** ..., 2005 - dl.acm.org
... In order not to com- pare our **interface** to a particular **zooming** technique, we chose to perform an experiment where only 2 DOF have to be controlled by the user. **...** A button of the **handheld** was used to activate or release the tracking of the target. **...**
Cited by 10 - Related articles - All 17 versions

Hand-held with auto-**zoom** for graphical display of Web page
J Van Ee - US Patent 6,466,203, 2002 - Google Patents
... for GRAPHICAL USER **INTERFACE** TOUCH SCREEN WITH AUTO **ZOOM** FEATURE. FIELD OF THE INVENTION 10 The invention relates to graphical user interfaces (GUI), in particular to GUI's for devices with a relatively small screen real estate, such as **handheld** information **...**
Cited by 50 - Related articles - All 3 versions

Which one is better?: information navigation techniques for spatially aware **handheld** displays [PDF] from psu.edu
M Rohs... - Proceedings of the 8th international conference on ..., 2006 - dl.acm.org
... 3. CAMERA-BASED GRID TRACKING To implement spatial awareness with low latency and high precision we use camera-equipped **handheld** devices that **...** In the **zooming interface**, we use the vertical distance mea- sure of the marker recognition algorithm as the z-coordinate. **...**
Cited by 14 - Related articles - All 11 versions

Zoom-and-pick: facilitating visual **zooming** and precision pointing with interactive **handheld** projectors [PDF] from merl.com
C Forlines, R Balakrishnan, P Beardsley... - .. on User **interface** ..., 2005 - dl.acm.org
Abstract Designing interfaces for interactive **handheld** projectors is an exiting new area of research that is currently limited by two problems: hand jitter resulting in poor input control, and possible reduction of image resolution due to the needs of image stabilization and **...**
Cited by 30 - Related articles - All 17 versions

Through the looking glass: the use of lenses as an **interface** tool for Augmented Reality interfaces [PDF] from psu.edu
J Looser, M Billinghursi... - Proceedings of the 2nd ..., 2004 - dl.acm.org
... In a virtual environment, the reflection in a **handheld** mirror serves as an aid for **...** have been used to provide an area of focus in a user **interface** while maintaining **...** numerous other methods to this end, including distorted views, speed-dependent automatic **zooming** [Igarashi and **...**
Cited by 74 - Related articles - All 10 versions

OrthoZoom scroller: 1D multi-scale navigation [PDF] from inria.fr
C Appert... - Proceedings of the SIGCHI conference on Human ..., 2006 - dl.acm.org
... The article shows how to navigate a zoomable **interface** using a continuous **zoom** triggered by a horizontal item **...** panning by moving a stylus on a tablet with their preferred hand while they control

zooming with a **...** These techniques are challenging to transfer to **handheld** devices. **...**
Cited by 58 - Related articles - BL Direct - All 18 versions

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Gary B. Rohrabaugh	Art Unit	:	2177
			Examiner	:	Quoc A. Tran
Serial No	:	11/735,477	Conf. No.	:	2104
Filed	:	April 15, 2007			
Title	:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT			

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO FINAL OFFICE ACTION OF DECEMBER 2, 2011

Listing of claims begins on page 2.

Remarks begin on page 13.

CERTIFICATE OF FILING VIA EFS-WEB
I hereby cer+tify that this paper (along with any referred to as being attached or enclosed) is being transmitted via electronic filing (EFS-WEB) on February 2, 2012. /Susan M. Langworthy/

Amendment to the Claims

Please amend claims 233, 234, 237-239, 241, 244, 247, 248, 250, 252, 255, 256, 260, 261, 266, 267 and 269. This listing of the claims will replace all previous versions of the claims.

CLAIMS

What is claimed is:

Claims 1-232 (Cancelled)

233. (Currently Amended) A method for enabling a user to perform full page browsing of a Web page on a hand-held wireless device in a manner that replicates browsing the Web page on a desktop Web browser, wherein the Web page comprises HTML-based content and cascading style sheet (CSS) content defining a page layout and design of display content on the Web page, the method comprising:

in response to a user request to access the Web page,

retrieving HTML-based content and the CSS content corresponding to the Web page and processing the HTML-based content and CSS content with the Web browser rendering engine to interpret the page layout and design of the display content on the Web page at ~~full~~ a first scale; and

enabling the user to perform full page browsing of the Web page at multiple zoom levels by generating corresponding views of the Web page on the hand-held device under which the page layout and design of the display content is retained relative to the interpretation of the page layout and design of the display content at ~~full~~ the first scale,

wherein each of the Web browser rendering engine and a Web browser rendering engine employed by a desktop browser for which browsing is replicated ~~employ common source code to facilitate core Web page rendering and layout operations~~ are the same.

234. (Currently Amended) The method of claim 233, wherein the views of the Web page are generated by employing a vector-based rendering engine to effect scaling of the display content as interpreted at ~~full~~ the first scale.

235. (Previously Presented) The method of claim 233, wherein the method enables the user to browse arbitrary user-selected pages from among billions of Web pages accessible via the World Wide Web on the hand-held wireless device in a manner that replicates browsing of those Web pages on a desktop Web browser in accordance with the method.

236. (Previously Presented) The method of claim 233, wherein the display comprises a touchscreen display and a browser is implemented on the hand-held wireless device having a content display area in which Web page views are displayed, further comprising enabling the user to perform zooming operations using tap-based user input detected by the touchscreen display and within the content display area.

237. (Currently Amended) The method of claim 233, wherein Web page views are displayed within a content display area, the method further comprising:

generating a scaled view of the Web page on the hand-held wireless device under which a width of the Web page is rendered to fit across a width of the content display area,

wherein the scaled view of the Web page comprises a magnified view of the Web page as interpreted at ~~full~~ the first scale.

238. (Currently Amended) The method of claim 233, wherein each scaled view of the Web page comprises a magnified view of a corresponding portion of the Web page as interpreted at ~~full~~ the first.

239. (Currently Amended) The method of claim 233, wherein ~~the plurality of zoom levels include zoom levels that are greater than full scale, and wherein~~ there is no degradation in quality of the presentation of text content when the zoom level is increased.

240. (Previously Presented) The method of claim 233, wherein the display comprises a touchscreen display and a browser is implemented on the hand-held wireless device having a content display area in which Web page views are displayed, further comprising enabling a user to zoom on a column of content displayed in a current view of the Web page by tapping, via the touchscreen display, within a portion of the column, wherein in response thereto, a zoom level, offset, and view of the Web page is updated such that a width of the column is displayed to fit across a width of the content display area in the updated view.

241. (Currently Amended) The method of claim 233, wherein the Web page includes at least one image, and wherein the display comprises a touchscreen display and a browser is implemented on the hand-held wireless device having a content display area in which Web page views are displayed, further comprising enabling a user to zoom on an image displayed in a current view of the Web page by tapping, via the touchscreen display, within the image, wherein in response thereto, a zoom level, offset, and view of the Web page is updated such that the image is displayed to fit across a width of the content display area in the updated view.

242. (Previously Presented) The method of claim 233, wherein the display comprises a touchscreen display and a browser is implemented on the hand-held wireless device having a content display area in which Web page views are displayed, further comprising enabling a user to zoom on a paragraph displayed in a current view of the Web page by tapping, via the touchscreen display, on text content within the paragraph, wherein in response thereto, a zoom level, offset, and view of the Web page is updated such that paragraph is displayed to fit across a width of the content display area in the updated view.

243. (Previously Presented) The method of claim 233, further comprising:

defining a content display area comprising a rectangular portion of a browser user interface on which Web page content is to be displayed;

generating scaled display content in accordance with a current zoom level and pan offset; and

employing a display limit bounding box associated with the content display area to define a rectangular portion of the scaled display content that is to be displayed within the content display area to render a view of the Web page in accordance with the current zoom level and pan offset,

wherein a resolution of the display limit bounding box is the same as a resolution of the content display area.

244. (Currently Amended) The method of claim 233, where the hand-held wireless device comprises ~~a housing substantially rectangular in shape including~~ a touch screen display disposed on a top portion of the ~~housing~~ device.

245. (Previously Presented) The method of claim 233, where the hand-held wireless device comprises a mobile phone.

246. (Previously Presented) The method of claim 233, wherein the hand-held wireless device is configured to be held in the palm of a user.

247. (Currently Amended) A method to facilitate browsing of a Web page on a device employing a browser having a browser display area, comprising:

retrieving HTML-based content corresponding to the Web page defining layout information and attributes of content on the Web page comprising a plurality of objects including text objects, image objects, and layout objects;

processing the HTML-based content with a Web browser rendering engine to generate page layout information defining a layout location for each of the plurality of objects included in the Web page as interpreted at a first scale, wherein generation of the page layout information includes,

for each of the plurality of objects,

generating page layout information for the object including a bounding box;

generating information that links the object with its corresponding page layout information;

wherein the page layout information further includes information from which a page layout location of each of the bounding boxes can be determined, and

employing the page layout information to support zooming on objects on the Web page, wherein, in response to a user tapping on an object within a first Web page view, a zoom level, offset, and view of the Web page is updated based on page layout information corresponding to the object,

wherein the objects ~~that may be zoomed on~~ comprise a plurality of different types of objects, and wherein under the updated zoom level and Web page view the layout locations of objects are retained relative to the layout location of the objects as interpreted at the ~~full~~ first scale.

248. (Currently Amended) The method of claim 247, wherein one of the plurality of different types of objects comprises a column, the method further comprising:

in response to a user tapping within an area on a view of the Web page occupied by at least a portion of a column, zooming the Web page view on the column ~~such that in the~~ to produce a zoomed view of the Web page, wherein in the zoomed view of the Web page the column is enlarged and centered horizontally within the browser display area.

249. (Previously Presented) The method of claim 248, wherein the column is enlarged so as to fit a width of the column across a width of the browser display area.

250. (Currently Amended) The method of claim 247, wherein one of the plurality of different types of objects comprises an image, the method further comprising:

in response to a user tapping on an image, zooming the Web page view on the image ~~such that in the~~ to produce a zoomed view of the Web page, wherein in the zoomed

view of the Web page the image is enlarged and centered horizontally within the browser display area.

251. (Previously Presented) The method of claim 250, wherein the image is enlarged so as to fit a width of the image across a width of the browser display area.

252. (Currently Amended) The method of claim 247, wherein one of the plurality of different types of objects comprises a paragraph, the method further comprising:

in response to a user tapping on a paragraph, zooming the Web page view on the paragraph ~~such that in the~~ to produce a zoomed view of the Web page, wherein in the zoomed view of the Web page the paragraph is enlarged and centered horizontally within the browser display area.

253. (Previously Presented) The method of claim 252, wherein the paragraph is enlarged so as to fit a width of the paragraph across a width of the browser display area.

254. (Previously Presented) The method of claim 247, wherein the Web page comprises Cascading Style Sheet (CSS) content defining page layout aspects of the Web page, and wherein the page layout information is generated, at least in part, by processing the CSS content.

255. (Currently Amended) The method of claim 247, wherein the device comprises a hand-held wireless device and the Web page is designed to be viewed by a desktop Web browser, further comprising, after zooming the Web page view on the object, enabling the user to browse an entirety of the HTML-based content at the updated zoom level by panning views of the Web page in response to corresponding user input, wherein each panned view of the Web page comprises a magnified view of a corresponding portion of the Web page as would be rendered by a desktop Web browser employing the Web browser rendering engine at ~~full~~ the first scale.

256. (Currently Amended) The method of claim 247, further comprising, after zooming the Web page view on the object, enabling the user to browse an entirety of the HTML-based content at the updated zoom level by panning views of the Web page, wherein the layout of objects in each panned view is retained relative to the layout of the objects as interpreted by the Web browser rendering engine at ~~full~~ the first scale.

257. (Previously Presented) The method of claim 247, wherein the device comprises a hand-held device.

258. (Previously Presented) The method of claim 256, wherein the hand-held device is configured to be held in the palm of a user.

259. (Previously Presented) The method of claim 247, wherein the device comprises a mobile phone.

260. (Currently Amended) A mobile device, comprising:

a processor;

a touchscreen display, operatively coupled to the processor;

a wireless communication interface, operatively coupled to the processor, to facilitate wireless communication with a network that supports access to the Internet; and

memory, operatively coupled to the processor, in which a plurality of instructions are stored including instructions comprising an operating system and a mobile browser having a Web browser rendering engine, wherein execution of the plurality of instructions by the mobile device enable the mobile device to perform operations including,

enabling a user to perform full page browsing of a Web page on the mobile device in a manner that replicates browsing the Web page on a desktop Web browser, wherein the Web page comprises HTML-based content and cascading style sheet (CSS) content defining a page layout and design of display content on the Web page, and enabling full page browsing of the Web page is implemented by,

in response to a user request to access the Web page,

retrieving HTML-based content and CSS content corresponding to the Web page and processing the HTML-based content and CSS content with the Web browser rendering engine to interpret the page layout and design of the display content on the Web page at ~~full~~ a first scale;

enabling the user to perform full page browsing of the Web page at multiple zoom levels by generating corresponding scaled views of the Web page under which the page layout and design of the display content is retained relative to the interpretation of the page layout and design of the display content at ~~full~~ the first scale,

wherein each of the Web browser rendering engine and a Web browser rendering engine employed by a desktop browser for which browsing is replicated ~~employ common source code to facilitate core Web page rendering and layout operations~~ are the same.

261. (Currently Amended) The mobile device of claim 260, wherein the plurality of instructions further comprise instructions for implementing a vector-based rendering engine, and wherein scaled views of the Web page are generated by executing instructions corresponding to the vector-based rendering engine to effect scaling of the display content as interpreted at ~~full~~ the first scale.

262. (Previously Presented) The mobile device of claim 260, wherein execution of the plurality of instructions enables the user to browse arbitrary user-selected pages from among billions of Web pages accessible via the World Wide Web on the mobile device in a manner that replicates browsing of those Web pages on a desktop Web browser.

263. (Previously Presented) The mobile device of claim 260, wherein the mobile browser is configured to display Web page views within a content display area on the touchscreen display, and wherein execution of the instructions further enables the user to perform zooming operations using tap-based user input detected by the touchscreen display and within the content display area.

264. (Previously Presented) The mobile device of claim 260, wherein the mobile device comprises a mobile phone.

265. (Previously Presented) The mobile device of claim 260, wherein the mobile device is configured to be held in the palm of a user.

266. (Currently Amended) A mobile device, comprising:

a processor;

a touchscreen display, operatively coupled to the processor;

a wireless communication interface, operatively coupled to the processor, to facilitate wireless communication with a network that supports access to the Internet; and

memory, operatively coupled to the processor, in which a plurality of instructions are stored including instructions comprising an operating system and a browser having a Web browser rendering engine, wherein execution of the plurality of instructions by the mobile device enable a user to perform full page browsing of a Web pages on the mobile device in a manner that replicates browsing the Web pages on a desktop Web browser by performing operations comprising,

in response to a user request to access each of a plurality of Web pages arbitrarily selected from among billions of Web pages accessible via the World Wide Web,

retrieving HTML-based content associated with the Web page and processing the HTML-based content with the Web browser rendering engine to interpret a page layout and design of display content on the Web page at ~~full~~ a first scale and generate corresponding page layout information, wherein the page layout information defines a layout location for each of a plurality of objects included in the Web page as interpreted at ~~full~~ the first scale and generation of the page layout information includes,

for each of the plurality of objects,

generating page layout information including a bounding box for the object; and

generating information that links the object with its corresponding page layout information;

wherein the page layout information further includes information from which a page layout location of each of the bounding boxes can be determined;

enabling the user to perform zooming of the Web page at multiple zoom levels and pan views of the Web page at each of the multiple zoom levels by generating corresponding scaled views of the Web page, wherein enabling the user to perform zooming operations includes performing zooming operations in response to tap-based user input, and wherein generation of a scaled view of the Web page is effected by,

for each text object to be included in scaled display content employed to generate the scaled view,

scaling page layout information associated with the text object using a scale factor associated with the scaled display content to determine a scaled datum that defines a scaled page layout location of the text object;

determining display attributes for the text object, including a font typeface, font size and color attribute; and

employing a scalable font associated with the font typeface to render text associated with the text object in a color associated with the color attribute, wherein the text is rendered relative to a location associated with the scaled datum for the text object, and wherein the scale applied to the scalable font is a function of the scale factor and the font size; and

for each image object to be included in scaled display content employed to generate the scaled view,

scaling page layout information associated with the image object using the scale factor to determine a scaled datum that defines a scaled page layout location of the image object; and

scaling scalable image content corresponding to the image object to produce a scaled image having a size that is a function of the scale factor and the bounding box corresponding to the image object; and

generating a scaled view of the Web page on the touchscreen display under which a width of the Web page is rendered to fit across a width of a content display area employed by the browser for displaying Web views.

267. (Currently Amended) The mobile device of claim 266, wherein each of the Web browser rendering engine and a Web browser rendering engine employed by a desktop browser for which browsing is replicated ~~employ common source code to facilitate core Web page rendering and layout operations~~ are the same.

268. (Previously Presented) The mobile device of claim 266, wherein a portion of the billions of Web pages comprise Web pages including Cascading Style Sheet (CSS) content defining aspects of the design of those Web pages, and wherein execution of the instructions performs further operations comprising:

in response to a user request to access a Web page including CSS content, employing the Web browser rendering engine to interpret the page layout and design of the display content on the Web page in accordance with the CSS content.

269. (Currently Amended) The mobile device of claim 266, wherein each scaled view of the Web page comprises a magnified view of a corresponding portion of the Web page as interpreted at ~~full~~ the first scale, and wherein there is no degradation in quality of the presentation of text content when the zoom level is increased.

REMARKS

This amendment and remarks are in response to the Final Office Action mailed December 2, 2011. In the Office Action claims 233, 244, 260, and 267 were rejected under 37 CFR 1.75(d)(1). Claims 233, 237, 238, 239, 247, 248, 255, 256, 260, 261, 266, 267, and 269 were rejected under 35 U.S.C. 112, second paragraph as being indefinite. Claims 233, 235-238, 244-260 and 262-265 were rejected under 35 U.S.C. 103(a) as being unpatentable over Van Ee, US20020030699A1 – Continuation in Part of US Ser. No. 09/062,364 filed 04/17/1998 (hereinafter *Van Ee*), in view of Lerner *et al.*, US2004/0210833A1, Continuation of US Ser. No. 09/521,022 filed 03/07/2000 (hereinafter *Lerner*). Claims 234, 239, 241, 242, and 261 were rejected under 35 U.S.C. 103(a) as being unpatentable over *Van Ee* in view of *Lerner*, further in view of *Chui*, US2002/0018072, Non-Provisional of Provisional 60/203,494 filed 5/11/2000 (hereinafter *Chui*).

Claims 233, 234, 237- 239, 241, 244, 247, 248, 250, 252, 255, 256, 260, 261, 266, 267, and 269 are amended herein. Claims 233-269 remain pending. These claim amendments reflect an effort to advance the prosecution of this application in light of the comments set forth in the Office Action. The amendments do not signify agreement with any position set forth in the Office Action or any concession as to an issue implicated thereby. No new matter has been added.

Specification

The specification was objected to under 37 CFR 1.75(d)(1) based on "a housing" of claim 244 and "common source code to facilitate core Web page" of claims 233, 260 and 267. The Applicant respectfully traverses. An example of "a housing" is shown at least in Figures 7-9. Additionally, an example of "common source code to facilitate core Web page" is explained at least in paragraph 0082. In any event, the Applicant has amended claims 233, 244, 260, and 267 to eliminate the noted terms. Accordingly, withdrawal of the objection to specification is respectfully requested.

Claim Rejections - 35 U.S.C. 112, second paragraph

Claims 233, 237, 238, 239, 247, 248, 255, 256, 260, 261, 266, 267, and 269 were rejected under 35 U.S.C. 112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In particular, these claims were rejected for using the following terminology: "full scale", "common source code", "greater", "no degradation in quality", "substantially rectangular", "may be", and "such that". The foregoing claims have been amended to remove these terms (as applicable for each claim), with the exception of claims 239 and 269, which still contain the "no degradation in quality" limitation. Applicants respectfully assert that one or ordinary skill in the art would be reasonably apprised of the scope of this terminology as used in claims 239 and 269, for at least the following reasons.

Support for language relating to no degradation in quality is explicitly provided in paragraph [0037], which recites (emphasis added),

> **[0037]** By working tightly with a server-side content translator, web content and functionality can be passed seamlessly to the end user platform ***without any degradation in the look or feel of the output***. In addition, because the resulting file graphics are handled as vectors, the end user can control real time changes in the size of text and graphics as well as what portion of the file is viewable in the display. This "zoom and pan" capability, familiar to CAD and other vector content software users, adds dramatically to the usability of non-standard display sizes. *For very small displays, real time zooming and panning allows the user to see graphics and* ***text at sizes that make them easily readable***, and then "back up" to view an entire page for context or pan in any direction for navigation. Because the client-side viewer manipulates vectors, there is no loss in quality as the display is zoomed. The graphics rendering engine within the client is so efficient that file manipulation happens in a fraction of a second. There is no perceptible wait for the user as the file is resized, or the window is repositioned. ***Content created for one display resolution now can be sized, real time, for any other display without degradation***. Besides making small displays eminently usable, this technology extends web content into some surprising new arenas. ***For example, it enables normal desktop displays to be effective for individuals with visual impairment, or for content designed for 640X480 standard PC monitors to be shown without degradation on web billboards now appearing in cities like Seattle and San Francisco.***

It is clear from both specification of the present application and knowledge of one having skill in the computer graphics art would understand the claim limitation "degradation in quality of the presentation of text content when the zoom level is increased." This limitation is definite and meets the requirements of 35 U.S.C. 112. The Applicant respectfully request withdrawal of the § 112 rejections.

Claim Rejections - 35 U.S.C. 103(a)

Claims 233, 235-238, 244-260 and 262-265 were rejected under 35 U.S.C. 103(a) as being unpatentable over *Van Ee*, in view of *Lerner*. Claims 234, 239, 241, 242, and 261 were rejected under 35 U.S.C. 103(a) as being unpatentable over *Van Ee* in view of *Lerner*, further in view of *Chui*. Applicants respectfully assert these rejections are improper and should be withdrawn.[1]

Applicants note that *Van Ee, Chui,* and *Lerner* were published after the priority date of this Application, and accordingly, Applicants reserve the right to swear behind these references in the future.

Rejection of Claims 233, 235-238, 244-260 and 262-265 over Van Ee, in view of Lerner

The rejection of claim 233 is improper at least because neither Van Ee nor Lerner teaches "the Web browser rendering engine [of the wireless device] and a Web browser rendering engine employed by a desktop browser for which browsing is replicated are the same." As stated in its preamble, claim 233 is directed to "[a] method for enabling a user to perform full page browsing of a Web page on a hand-held wireless device in a manner that replicates browsing the Web page on a desktop Web browser." The last element of claim 233 has also been amended to more clearly recite the claimed limitation, "wherein each of the Web browser rendering engine and a Web browser rendering engine employed by a desktop browser for which browsing is replicated ***are the same***" (emphasis added).

Paragraph [0082] of the present application (emphasis added) states:

[1] The Examiner stated that claims 240 and 243 would be allowable if rewritten in independent form. Also, the Examiner stated that claims 266-269 would be allowable if rewritten to overcome 35 USC 112.

> **[0082]** As will be recognized by those skilled in the art, the functions performed in blocks 150, 152, and 154 are commonly performed by ***conventional browsers*** during a pre-rendering process. In some ***browsers***, these functions are performed by the ***Mozilla rendering engine***, which comprises open source software that is readily available for use by developers. At present, the software for the Mozilla rendering engine may be accessed via the Internet at www.mozilla.org. Accordingly, in one embodiment, the ***present invention uses core functionality provided by the Mozilla rendering engine source code to perform the functions of block 150, 152, and 154***.

By employing the same rendering engine, Web pages will have the same appearance (*i.e.*, the layout and formatting of content will be substantially identical) on both browsers (when properly scaled on the mobile devices). Similarly, in the case of HTML and CSS standard compliant rendering engines[2], different rendering engines will render the same Web pages substantially identically. Conversely, when rendering engines employing fundamentally different levels of HTML and CSS support are used, the Web pages will generally be rendered differently (depending on the complexity of the pages).

Neither Van Ee nor Lerner teaches or suggests employing the same Web page rendering engine in a wireless device and a desktop browser. For example, Van Ee does not even disclose how the rendering is implemented. Lerner similarly does not teach or suggest employing the same rendering engine in the two devices. Rather, Lerner is concerned with rendering associated with modifying the Web page appearance. Lerner at 0064. This is unsurprising because Lerner is about "integrat[ing] annotation, including ink, highlighter, text-based notes and audio, directly into a Web-based document," which is different and distinct from the pending claims. Lerner at Abstract.

Further, as Examiner admits, Van Ee does not teach "wireless device ... that replicates browsing the Web page on a desktop Web browser..." OA at 8-9. Examiner incorrectly asserts that Lerner discloses such replication. On the contrary, Lerner is a system involving "annotated WBDs [Web based documents]," and does not relate to replicating browsing experience between wireless device and a desktop browser.

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[2] It is noted that no rendering engine meets *all* of the standard definitions for HTML or CSS; however, most modern rendering engines support core portions of these standards.

Accordingly, claim 233 is patentable over the combination of *Van Ee* in view of *Lerner*. Therefore, the rejection of claim 233 is improper and should be withdrawn. Moreover, each of claims 235-238, 244-246, which depend either directly or indirectly on claim 233, are likewise patentable and in condition for allowance for at least the same reasons in support of the patentability of claim 233. Claims 260 and 262-265 contain similar limitation ("each of the Web browser rendering engine and a Web browser rendering engine employed by a desktop browser for which browsing is replicated are the same"), and, therefore, are patentable and in condition for allowance for at least the same reasons in support of patentability of claim 233.

Additional arguments in further support of patentability of selected claims are presented below.

Regarding claim 247, the Examiner stated that Van Ee teaches "a plurality of objects including text objects, image objects, and layout objects ... wherein under the updated zoom level and Web page view the layout locations of objects are retained relative to the layout location of the objects as interpreted at the ~~full~~ first scale." The Examiner cites to paragraphs 10, 11, and 18 in support of the rejection. However, Van Ee fails to teach any such plurality of objects, including "text objects, image objects, and layout objects," and zooming on such objects. Rather, Van Ee teaches "a predetermined segmentation of the display area into, say, four areas." Van Ee at 0018. The alternative to this screen "segmentation" disclosed in Van Ee is a "center[ing]" (*id.*) approach that similarly does not use plurality of objects in zooming operation.

Moreover, it is clear that *Van Ee* only zooms bitmap images of a Web page, and such zooming is completely independent of the location of text objects, image objects, and layout objects on a Web page. While the Internet Explorer browser discussed by *Lerner* produces an object model (DOM) that includes these objects, there is no mention of generating any bounding boxes or being able to zoom on any objects, or even locate such objects. Moreover, *Lerner* specifically teaches away from zooming for any purpose. Rather, each embodiment in *Lerner* requires the underlying WBD (Web-based document) to be frozen, since the annotation

content has a fixed position relative to the WBD, and if the WBD was resized, the annotation content would no longer match up.

Accordingly, rejection of claim 247 should be withdrawn. Further, rejection of claims 248-259 which are dependent on claim 247 are patentable for at least the reason stated above for claim 247.

With further respect to claims 248 -253, *Van Ee* is completely unaware of the location of any columns, images, or paragraphs on a Web page bitmap image, and, accordingly does not disclose any zoom operations based on such objects. In contrast, the inventions of claims 248-253 performs the same Web page view zoom operation based on an object regardless of the tap location on the object. For example, tapping on either the left hand or right hand portion of a column (or anywhere else on a column) will result in the column being enlarged and centered (claim 248) or fit the width of the column across the width of the browser display area (claim 249). This is because the zoom operations are based on the location and bounding box for the object, not the tap location relative to a bitmap image of the Web page. Accordingly, it is clear the rejection of each of claims 248-253 is improper and should be withdrawn.

Rejection of claims 234, 239, 241, 242, and 261 over Van Ee in view of Lerner, further in view of Chui

Claims 234, 239, 241, 242, and 261 were rejected under 35 U.S.C. 103(a) as being unpatentable over *Van Ee* in view of *Lerner*, further in view of *Chui*. Claims 234, 239, 241, 242, and 261 are patentable at least for the reasons set forth above with respect to Van Ee and Lerner combination, and for the further reason that Chui fails to teach what Van Ee and Lerner lacks as discussed above. Indeed, the Examiner does not argue that Chui allegedly teaches the limitations explained above as missing in Van Ee and Lerner.

With respect to the rejection of claim 239, the Examiner asserts that *Chui* teaches the aspect of no degradation in quality of the presentation of text content when the zoom level is increased. As discussed above with respect to traversal of the rejection of claim 234, the bitmap content under *Van Ee* that is used to support zooming is not suitable for conversion to SVG. As a result, the text content in the bitmaps of the Web pages under *Van Ee* ***will degrade***

in quality when zoomed. Accordingly, the rejection of claim 239 is further improper and should be withdrawn.

With respect to claim 241, the Examiner rejected this claim over a combination of *Van Ee*, *Lerner*, and *Chui*, stating in part,

> In addition, Chui discloses: ***wherein in response thereto, a zoom level, offset,*** In Chui: the Abstract and Para(s) 1454-145, which discloses the new cropping parameters will be added to the header of the image file stored (or cached) in the client computer to indicate ***the cropping boundaries*** for the subimage level or levels downloaded to the client computer in response to the client's image zoom; wherein the ***table of offset pointers*** to tiles that is included in the base image header for each bitstream in the base image is also used ***during zooming and panning***.

Applicants have amended claim 241 to clarify that the image is ***included in*** the Web page (the Web page includes at least one image), not that an image ***of*** the Web page is zoomed. Furthermore, as discussed above, the images in *Chui* are either background or foreground images, not images in Web pages. Accordingly, the rejection of claim 241 is further improper and should be withdrawn.

Claim 242 is likewise rejected over a combination of *Van Ee*, *Lerner*, and *Chui*. *Van Ee* provides no way to recognize the location or size of the paragraph, and thus no way to zoom a Web page view on a paragraph. This is not remedied by *Chui*, as the bitmap image content of *Van Ee* is not applicable for conversion to SVG, as discussed above. Accordingly, the rejection of claim 242 is improper and should be withdrawn.

Claim 261 includes similar limitations to claims 234. Accordingly, claim 261 is further patentable based on similar reasons presented above in support of the patentability of claim 234.

Allowable Subject Matter

Claims 240 and 243 were objected to as being dependent upon a rejected base claim, but the Examiner stated that these claims would be allowable if rewritten in independent form

including all of the limitations of their respective base claim and any intervening claims and rewritten to over the 35 U.S.C. 112 rejections. The Examiner further stated that claims 266-269 would also be allowable if rewritten to overcome the 35 U.S.C. 112 rejections. As discussed above, Applicants have removed reference to "full scale" in claim 233 (the base claim for claims 240 and 243), and have amended the claim element pertaining to employing the same rendering engine. Similar amendments have been made to claims 266 and 269 (removed "full-scale") and claim 267 (amended to clarify the same rendering engine is used). Accordingly, claims 266-269 are now in condition for allowance.

Request for Reconsideration

Applicants respectfully request favorable consideration of the pending claims in view of the foregoing amendments and arguments. Each of the pending claims is believed to be in form for allowance.

It is believed that all of the pending claims have been addressed. However, the absence of a reply to a specific rejection, issue or comment does not signify agreement with or concession of that rejection, issue or comment. Applicants hereby specifically reserve the right to prosecute claims of different or broader scope in a continuation or divisional application. Applicants note that any claim amendments made herein are made solely for the purposes of more clearly and particularly describing and claiming the invention, and not for purposes of overcoming art or for patentability or narrowing the claims. The Examiner should infer no (i) adoption of a position with respect to patentability, (ii) change in the Applicants' position with respect to any claim or subject matter of the invention, or (iii) acquiescence in any way to any position taken by the Examiner, based on such amendments. It is believed that all of the pending claims have been addressed. However, the absence of a reply to a specific rejection, issue or comment does not signify agreement with or concession of that rejection, issue or comment. In addition, because the arguments made above may not be exhaustive, there may be reasons for patentability of any or all pending claims (or other claims) that have not been expressed. Finally, nothing in this paper should be construed as an intent to concede any issue

with regard to any claim, except as specifically stated in this paper, and the amendment of any claim does not signify concession of unpatentability of the claim prior to its amendment.

If necessary, please apply any charges or credits to deposit account 09-0946.

Respectfully submitted,

Date: February 2, 2012

/Babak Redjaian/
Babak Redjaian, Reg.No. 42,096

Irell & Manella LLP
1800 Avenue of the Stars, #900
Los Angeles, CA 90067
Telephone: (949) 760-0991
Facsimile: (310) 203-7199

Electronic Acknowledgement Receipt	
EFS ID:	11989680
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	29000
Filer:	Babak Redjaian/Susan Langworthy
Filer Authorized By:	Babak Redjaian
Attorney Docket Number:	005207.P001XC
Receipt Date:	02-FEB-2012
Filing Date:	15-APR-2007
Time Stamp:	18:54:33
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Amendment After Final	AF_Amendment.pdf	13408 91c985ad4eea8d52fb13b741ce911ed64d24a2cf	no	1
Warnings:					
Information:					

2	Claims	Claim_Amendments.pdf	120587 c05f62ff73adc0c94c9097c4da3e154ae739fc13	no	11
Warnings:					
Information:					
3	Applicant Arguments/Remarks Made in an Amendment	Remarks.pdf	111888 b8e9297d3ada3638bc616822ab5651f6df35ef69	no	9
Warnings:					
Information:					
		Total Files Size (in bytes):	245883		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/SB/06 (07-06)
Approved for use through 1/31/2007. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number	Filing Date	☐ To be Mailed
11/735,477	04/15/2007	

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)	SMALL ENTITY ☒		OR	OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE ($)	FEE ($)		RATE ($)	FEE ($)
☒ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	75		N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =			X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	75		TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT 02/02/2012

	(Column 1)		(Column 2)	(Column 3)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)		RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	* 37	Minus	** 116	= 0	X $30 =	0	OR	X $ =	
Independent (37 CFR 1.16(h))	* 4	Minus	***4	= 0	X $125 =	0	OR	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
					TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE	

AMENDMENT

	(Column 1)		(Column 2)	(Column 3)					
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)		RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =		OR	X $ =	
Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =		OR	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
/TAMMY MCBETH BROWN/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/735,477	04/15/2007	Gary B. Rohrabaugh	005207.P001XC	2104

29000 7590 02/09/2012

IRELL & MANELLA LLP
1800 AVENUE OF THE STARS
SUITE 900
LOS ANGELES, CA 90067

EXAMINER	
TRAN, QUOC A	
ART UNIT	**PAPER NUMBER**
2177	
MAIL DATE	**DELIVERY MODE**
02/09/2012	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Advisory Action Before the Filing of an Appeal Brief	**Application No.** 11/735,477	**Applicant(s)** ROHRABAUGH ET AL.
	Examiner QUOC A. TRAN	**Art Unit** 2177

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 02 February 2012 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:
   a) ☐ The period for reply expires _____months from the mailing date of the final rejection.
   b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
   Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☒ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
   (a) ☒ They raise new issues that would require further consideration and/or search (see NOTE below);
   (b) ☐ They raise the issue of new matter (see NOTE below);
   (c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
   (d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.
   NOTE: *See Continuation Sheet*. (See 37 CFR 1.116 and 41.33(a)).
4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5. ☐ Applicant's reply has overcome the following rejection(s): _____.
6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7. ☒ For purposes of appeal, the proposed amendment(s): a) ☒ will not be entered, or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.
   The status of the claim(s) is (or will be) as follows:
   Claim(s) allowed: _____.
   Claim(s) objected to: _____.
   Claim(s) rejected: *233-269*.
   Claim(s) withdrawn from consideration: _____.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
12. ☐ Note the attached Information *Disclosure Statement*(s). (PTO/SB/08) Paper No(s). _____
13. ☐ Other: _____.

/Amelia Rutledge/
Primary Examiner, Art Unit 2177

Continuation of 3. NOTE: As to Box 3(a) Examiner sincerely appreciates the Applicant's cooperation in arriving at the Amendments after Final. However, the newly amended features, which has not presented for examination by Examiner before [see amended claims 233, 239, 244, 248, 252, 255, 260 and 266], please noted, the claims' limitations have been broadening and possible new 112 rejections may apply in light of the currently amended claims. Thus further search/consideration may require in order to determine the patentability of the newly amended feature. .

Continuation of 11. does NOT place the application in condition for allowance because:
Applicant's Request for reconsideration Remarks filed 02/02/2012 have been fully considered but they are not persuasive. The reason is set forth in the Final Office Action mailed 12/02/2011 and further view of the following: Examiner sincerely appreciates the Applicant's cooperation in arriving at the Amendments after Final. Thus, without incorporated the amendment after final the claimed invention is not both novel and unobvious at least at this time. It is noted, the Applicant's remarks is substantially related to the NEWLY AMENDED claims [see the remarks at the bottom of page 15 the "bold phrase" also see the remarks Pg. 17-L14 [e.g., the FULL SCALE is not the same as FIRST SCALE as amended]; also see the remarks Pg. 18 the last sentence through Pg. 19 the first sentence]. Thus further search/consideration may require in order to determine the patentability of the newly amended feature. In addition, Examiner willing to discuss further Examiner Amendment to further advanced the prosecution when it is appropriate. Thus, the claimed invention is not both novel and unobvious at least at this time.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Gary B. Rohrabaugh	Art Unit	:	2177
			Examiner	:	Quoc A. Tran
Serial No	:	11/735,477	Conf. No.	:	2104
Filed	:	April 15, 2007			
Title	:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT			

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO FINAL OFFICE ACTION OF DECEMBER 2, 2011

Listing of claims begins on page 2.

Remarks begin on page 13.

CERTIFICATE OF FILING VIA EFS-WEB
I hereby cer+tify that this paper (along with any referred to as being attached or enclosed) is being transmitted via electronic filing (EFS-WEB) on February 2, 2012. /Susan M. Langworthy/

PTO/SB/30EFS (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)

Application Number	11735477	Filing Date	2007-04-15	Docket Number (if applicable)	161539-0002(P001XC)	Art Unit	2177
First Named Inventor	Gary B. Rohrabaugh			Examiner Name	Quoc A. Tran		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☒ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

☐ Other _____

☐ Enclosed

☐ Amendment/Reply

☐ Information Disclosure Statement (IDS)

☐ Affidavit(s)/ Declaration(s)

☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
(Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

☒ The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 090946

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☒ Patent Practitioner Signature

☐ Applicant Signature

PTO/SB/30EFS (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Signature of Registered U.S. Patent Practitioner			
Signature	/Babak Redjaian/	Date (YYYY-MM-DD)	2012-05-30
Name	Babak Redjaian	Registration Number	42096

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal

Application Number:	11735477
Filing Date:	15-Apr-2007
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Filer:	Babak Redjaian/Susan Langworthy
Attorney Docket Number:	161539-P001XC

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 3 months with $0 paid	2253	1	635	635

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
Request for continued examination	2801	1	465	465
		Total in USD ($)		**1100**

Electronic Acknowledgement Receipt	
EFS ID:	12891070
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	29000
Filer:	Babak Redjaian/Susan Langworthy
Filer Authorized By:	Babak Redjaian
Attorney Docket Number:	161539-P001XC
Receipt Date:	30-MAY-2012
Filing Date:	15-APR-2007
Time Stamp:	13:32:52
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$1100
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The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	sb0030e_fill.pdf	697787 296b18ba46becd35eee97975da0cc7d9c88dd900	no	3
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	32565 a081630bcc693a1f72f2363f4e9022d9903afbbd	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	730352		

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New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/735,477	04/15/2007	Gary B. Rohrabaugh	161539-P001XC	2104

29000 7590 06/20/2012

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EXAMINER	
TRAN, QUOC A	
ART UNIT	PAPER NUMBER
2177	

MAIL DATE	DELIVERY MODE
06/20/2012	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	11/735,477	ROHRABAUGH ET AL.	
	Examiner	Art Unit	
	QUOC A. TRAN	2177	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *30 May 2012*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

5)☒ Claim(s) *233-269* is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6)☒ Claim(s) *266-269* is/are allowed.

7)☒ Claim(s) *233-265* is/are rejected.

8)☐ Claim(s) _____ is/are objected to.

9)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☒ The drawing(s) filed on *30 May 2012* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

12)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

13)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

This is a Final Office Action in responses to Applicant's Amendments/Remarks and RCE filed 08/31/2011.

It is noted the current application is a Continuation of U.S. Non-provisional Application No. 09/878,097, filed ***June 8, 2001***, which is a Continuation-in-Part of U.S. Non-provisional Application No. 09/825,511, filed April 7, 2001. This application further claims the benefit of the filing dates of U.S. Provisional Application No. 60/211,019, filed June 12, 2000, and U.S. Provisional Application No. 60/217,345, filed July 11, 2000.

- Claims 233-269 are pending.
- Claims 1-232 are canceled.
- Claims 233, 247, 260 and 266 are independent claims.

To satisfy the claimed priority date of the current patent application, the parent patent applications have been considered by the Examiner as following:

- As per independent claims **233, 247 and 266** of the child application [current], one of the limitations, which recites "*cascading style sheet (CSS) content defining a page layout and design of display content on the Web page*" and "*a bounding box*" and "*tapping interface*" is benefit ONLY from patent application no. 09/878,097 now U.S. Patent 7,210,099 filed ***06/08/2001***; Because**,** the describes limitations whose claim is ONLY supported by parent applications no. 09/878,097 now U.S. Patent 7,210,099 filed 06/08/2011.

If the examiner has overlooked the portion of the original Specification that describes these features of the present invention, then Applicant should point it out (by page number and line number) in the response to this Office Action.

Examiner is hereby withdrawn the double patent rejection, objection the specification, 112, second paragraph rejection, which were previously presented in the office action mailed 12/02/2011 in light of Applicant's amendments and clarification in the current paper. However, the new ground of rejection is introduced herein.

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 05/30/2012 has been entered.

Claim Objections

Claim 252 is objected to because of the following informalities: in the claim, which recites "the zoomed view of ***the web page the paragraph*** is enlarged". [missing a comma between the two features]

Appropriate correction is required.

Allowable Subject Matter

Claims 266, 267, 268 and 269 are allowed.

Claims Rejection – 35 U.S.C. 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 233, 235-238, 244-247, 250-260 and 262-265 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Van Ee** US20020030699A1 -Continuation In Part of No.09/062,364 filed 04/17/1998 [hereinafter "Van"], In view of **Lerner et al.** ["US 2004/0210833A1" Con of 09/521,022 filed 03/07/2000 - [hereinafter "Lerner"].

Regarding ***independent claim 233***, Van discloses: ***enabling the user to perform full page browsing of the Web page at multiple zoom levels by generating corresponding scaled views of the Web page on the hand- held device under which the page layout and design of the display content is retained relative to the interpretation of the page layout and design of the display content at first scale,*** In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location

on the touch screen that corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area [e.g., *display content at first scale]*. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11];

Also Van further discloses, ***wherein each of the Web browser rendering engine and a Web browser rendering engine employed by the desktop browser for which browsing is are the same,*** In Van: Para(s) 10-11, allows the user to perceive the graphical information of the image regardless of the display size [e.g. Desktop browser and/or mobile device browser]; especially interesting to handhelds, such as PDA's, palmtops, mobile phones, web pads (thin clients with browsing capabilities), etc., because the size of a handheld's display is necessarily small due to the required form factor and weight limitation. The ubiquitous information access via a browser is a great asset for Internet-enabled handhelds (comprising a wireless modem), as not only text pages but also, e.g., still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java animation are now within reach of these devices whose screen real estate needs not be the limiting factor anymore [Para 10]. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11].

In addition, Van does not expressly teach, but Lerner discloses: Lerner discloses: ***A method for enabling a user to perform full page browsing of a Web page on a hand-held wireless device in a manner that replicates browsing the Web page on a desktop Web browser, wherein the Web page comprises HTML-based content***

and cascading style sheet (CSS) content defining a page layout and design of display content on the Web page, In Lerner Para 6, which discloses a Web-based document (WBD) displayed by a Web browser; provides users with an intuitive Web-based interface for accessing, viewing and searching the annotated WBDs [Para 6]. It is noted, User computer 100 may be a personal computer, handheld personal digital assistant (" PDA"), or any other type of microprocessor-based device, [In Lerner: Para 40 and Fig. 1].

In addition, Lerner further discloses ***the method comprising: in response to a user request to access the Web page, retrieving HTML-based content and the CSS content corresponding to the Web page and processing the HTML-based content and CSS content with a Web browser rendering engine to interpret the page layout and design of the display content on the Web page at first scale;*** In Lerner Para 60, which discloses the uses of Explorer ("IE") implementation of the Document Object Model ("DOM") in combination with Cascading Style Sheets ("CSS") and Dynamic-HTML ("DHTML") World Wide Web technology; wherein The Document Object Model is a platform-neutral and language-neutral specification that allows programs and scripts to dynamically access and update the content, structure and style of WBDs. CSS is a standard approved by the World-Wide-Web Consortium that allows WBD authors greater flexibility in specifying how their WBDs should be formatted inside a browser. For example, these style sheets make it possible to insert elements on a WBD that "snap" to the sides of a browser, akin to left or right justified text, so that they move with the browser window as it is resized. DHTML functionality allows WBD

authors to create multiple overlaid layers of HTML inside a single WBD, and also enables WBDs to alter their content programmatically [i.e., setting its CSS STYLE properties with "position:absolute; width:<width_of_browser>" –see Para 61].

Accordingly, It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Van's handheld with auto-zoom, to include a means of said enabling a user to perform full page browsing of a Web page on a hand-held wireless device in a manner that replicates browsing the Web page on a desktop Web browser, wherein the Web page comprises HTML-based content and cascading style sheet (CSS) content defining a page layout and design of display content on the Web page; the method comprising: in response to a user request to access the Web page, retrieving HTML-based content and the CSS content corresponding to the Web page and processing the HTML-based content and CSS content with a Web browser rendering engine to interpret the page layout and design of the display content on the Web page at full scale as taught by Lerner to produce a predictable result, as evidence, Van's auto Zoom on the screen enabling the user to browse the Web with a display of limited size devices [mobile, handheld, PDA…] utilizing the one or more ZOOM LEVELS. Also it is a great asset for Internet-enabled handhelds (comprising a wireless modem), as not only text pages but also, e.g., still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java animation are now within reach of these devices whose screen real estate needs not be the limiting factor anymore, Generally set forth in Van Para(s) 8-11.

Regarding ***Claim 235,*** Van and Lerner further discloses: ***among billions of Web pages accessible via the World Wide Web on the hand-held wireless device in a manner that replicates browsing of those Web pages on the desktop Web browser.*** In Van: Para(s) 10-11, allows the user to perceive the graphical information of the image regardless of the display size [e.g. Desktop browser and/or mobile device browser].

Regarding ***Claim 236,*** Van and Lerner further discloses: ***the display comprises a touchscreen display and a browser is implemented on the hand-held wireless device having a content display area in which Web page views are displayed, further comprising enabling the user to perform zooming operations using tap-based user input detected by the touchscreen display and within the content display area.*** In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area [e.g., *display content at full scale]*. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11];

Regarding ***Claim 237,*** Van and Lerner further discloses: ***Web page views are displayed within a content display area, the method further comprising: generating a scaled view of the Web page on the hand-held wireless device in which a width of the Web page is rendered to fit across a width of the content display area, wherein the scaled view of the Web page comprises a magnified view of the Web page as interpreted at first scale.*** In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area [e.g., *to fit across a width of the content display area].* Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11];

Regarding ***Claim 238,*** Van and Lerner further discloses: ***each scaled view of the Web page comprises a magnified view of a corresponding portion of the Web page as interpreted at first scale.*** In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that

corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area [e.g., *to fit across a width of the content display area]*. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11];

Regarding ***Claim 244,*** Van and Lerner further discloses: ***the hand-held wireless device comprises a touch screen display disposed on a top portion of the device.*** In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen [**Para 11**]; Also Van further discloses when the user now touches screen 104 in the associated location or area, this action gets translated by processor 108 and under control of program memory 110 into ***a zooming-in on that part of the page image that is centered around the touch location***. This can be implemented, e.g., by a pre-determined segmentation of the display area into, say***, four areas that each can be selected for the zooming-in,*** that part of the original image gets magnified that has a center coinciding with the touch location, [e.g., a housing substantially rectangular in shape], [In Van: **Para 18**.]

Regarding ***Claims 245-246,*** Van and Lerner further discloses: ***where the hand-held wireless device comprises a mobile phone; wherein the hand-held wireless device is configured to be held in the palm of a user.*** In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen.

Regarding ***Independent Claim 247,*** the rejection of claims 233, 236 and 244 are fully incorporated**.** Thus, Van and Lerner disclose every limitation of Claim 247 and provide proper reasons to combine, as indicated in the above rejections for Claims 233, 236 and 244. In addition, Van and Lerner further discloses: ***a plurality of objects including text objects, image objects, and layout objects; processing the HTML-based content with a Web browser… and wherein under the updated zoom level and Web page view the layout locations of objects are retained relative to the layout location of the objects as interpreted at the full scale.*** In Van: Para(s) 10-11, allows the user to perceive the graphical information of the image regardless of the display size [e.g. Desktop browser and/or mobile device browser]; especially interesting to handhelds, such as PDA's, palmtops, mobile phones, web pads (thin clients with browsing capabilities), etc., because the size of a handheld's display is necessarily small due to the required form factor and weight limitation. The ubiquitous information access via a browser is a great asset for Internet-enabled handhelds (comprising a wireless modem), as not only text pages but also, e.g., still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java animation are now within reach of these devices whose screen real estate needs not be the limiting factor anymore [Para 10]. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11]. Also Van further discloses when the user has retrieved a web page and displayed on LCD 102 in its entirety. Due to the scale size of LCD 102 individual hyperlinks or text fragments may not be well discernible, although the lay-out of the page conveys sufficient information to the user to

determine what portion of the page may be relevant. Assume that the portion is the upper right hand corner of the page. When the user now touches screen 104 in the associated location or area, this action gets translated by processor 108 and under control of program memory 110 into ***a zooming-in on that part of the page image that is centered around the touch location***. This can be implemented, e.g., by a pre-determined segmentation of the display area into, say***, four areas that each can be selected for the zooming-in,*** that part of the original image gets magnified that has a center coinciding with the touch location, [In Van: Para 18.]

To further clarification, Van's invention relates to an information processing apparatus that has *an input for receiving data from an external resource, e.g. the Internet, a display, and a data processing system*. The system is connected to the input and to the display. The system processes the data upon receipt and renders on the display an image corresponding to the data received. The *apparatus has a touch screen for enabling a user to interact with the apparatus*. The system is operative to enable the user to *select via the touch screen a portion of the image* when displayed at a first scale. Upon the portion being selected the system renders the selected portion on the display at a second scale larger than the first scale (zoom-in). The portion selected corresponds to *a location on the touch screen*. The invention thus allows the user to perceive *the graphical information of the image regardless of the display size*. The invention is especially interesting to handhelds, such as PDA's, palmtops, mobile phones, web pads (thin clients with browsing capabilities), etc., because the size of a handheld's display is necessarily small due to the required form factor and weight

limitation. The ubiquitous information access via a browser is a great asset for Internet-enabled handhelds (comprising a wireless modem), as *not only text pages but also, e.g., still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java animation* are now within reach of these devices whose screen real estate needs not be the limiting factor anymore [**Para 10 of Van**].

It is noted; the text pages, still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java animation are reasonably interpreted as plurality objects of the web page, since they are rich media.)

Regarding ***Claims 250-251,*** Van and Lerner further discloses: ***one of the plurality of different types of objects comprises an image, the method further comprising: in response to a user tapping on an image, zooming the Web page view on the image to produce a zoomed view of the Web page, wherein the zoomed view of the web page image is enlarged and centered horizontally within the browser display area; wherein the image is enlarged so as to fit a width of the image across a width of the browser display area.*** In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area [e.g., *to fit across a width of the content display area]*. Thus, the user

can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11];

Regarding ***Claims 252-253,*** Van and Lerner further discloses: ***one of the plurality of different types of objects comprises a paragraph, the method further comprising: in response to a user tapping on a paragraph, zooming the Web page view on the paragraph to produce a zoomed view of the Web page, wherein the zoomed view of the web page the paragraph is enlarged and centered horizontally within the browser display area; wherein the paragraph is enlarged so as to fit a width of the paragraph across a width of the browser display area.*** In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area [e.g., *to fit across a width of the content display area]*. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11];

Regarding ***Claims 254-259,*** the rejection of claims 233, 236 and 245-246 are fully incorporated**.** Thus, Van and Lerner disclose every limitation of Claims 254-259 and provide proper reasons to combine, as indicated in the above rejections for Claims

233, 236 and 245-246. In addition, Van and Lerner further discloses: ***after zooming the Web page view on the object, enabling the user to browse an entirety of the HTML-based content at the updated zoom level by panning views of the Web page, wherein the layout of objects in each panned view is retained relative to the layout of the objects as interpreted by the Web browser rendering engine at the first scale.*** In Van: Para(s) 10-11, allows the user to perceive the graphical information of the image regardless of the display size [e.g. Desktop browser and/or mobile device browser]; especially interesting to handhelds, such as PDA's, palmtops, mobile phones, web pads (thin clients with browsing capabilities), etc., because the size of a handheld's display is necessarily small due to the required form factor and weight limitation. The ubiquitous information access via a browser is a great asset for Internet-enabled handhelds (comprising a wireless modem), as not only text pages but also, e.g., still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java animation are now within reach of these devices whose screen real estate needs not be the limiting factor anymore [Para 10]. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11]. Also Van further discloses when the user has retrieved a web page and displayed on LCD 102 in its entirety. Due to the scale size of LCD 102 individual hyperlinks or text fragments may not be well discernible, although the lay-out of the page conveys sufficient information to the user to determine what portion of the page may be relevant. Assume that the portion is the upper right hand corner of the page. When the user now touches screen 104 in the associated location or area, this action gets translated by processor 108 and under

control of program memory 110 into ***a zooming-in on that part of the page image that is centered around the touch location***. This can be implemented, e.g., by a pre-determined segmentation of the display area into, say***, four areas that each can be selected for the zooming-in,*** that part of the original image gets magnified that has a center coinciding with the touch location, [In Van: Para 18.]

Regarding ***Claims 260, 262-265,*** the rejection of claims 233, 235, 236, 245 and 246 are fully incorporated**.** Thus, Van and Lerner disclose every limitation of Claims 260, 262-265 and provide proper reasons to combine, as indicated in the above rejections for Claims 233, 235, 236, 245 and 246.

Claims 240, 241, 242, 243, and 248-249 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Van Ee** US20020030699A1 -Continuation In Part of No.09/062,364 filed 04/17/1998 [hereinafter "Van"], In view of **Lerner et al.** ["US 2004/0210833A1" Con of 09/521,022 filed 03/07/2000 - [hereinafter "Lerner"], further in view of **Canelones et al.** ["US006700589B1" filed 02/17/2000 - [hereinafter "Canelones"],

Regarding ***Claim 240,*** Van and Lerner further discloses: ***the display comprises a touchscreen display and a browser is implemented on the hand-held wireless device having a content display area in which Web page views are displayed, further comprising enabling a user to zoom on a ... content displayed in a current view of the Web page by tapping via the touchscreen display, ..., wherein in***

response thereto, a zoom level, offset, and view of the Web page is updated such that a width of the column is displayed to fit across a width of the content display area in the updated view. (In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area [e.g., *to fit across a width of the content display area]*. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [**Para 11**]; Also Van further discloses when the user has retrieved a web page and displayed on LCD 102 in its entirety. Due to the scale size of LCD 102 individual hyperlinks or text fragments may not be well discernible, although the lay-out of the page conveys sufficient information to the user to determine what portion of the page may be relevant. Assume that the portion is the upper right hand corner of the page. When the user now touches screen 104 in the associated location or area, this action gets translated by processor 108 and under control of program memory 110 into *a zooming-in on that part of the page image that is centered around the touch location*. This can be implemented, e.g., by a pre-determined segmentation of the display area into, say***, four areas that each can be selected for the zooming-in,*** that part of the original image gets magnified that has a center coinciding with the touch location, [e.g., rectangular in shape or bounding box], [In Van: **Para 18.])**

However, *Van and Lerner do not expressly teach,*

Canelones teaches:

enabling a user to zoom on a column of content displayed .. within a portion of the column, wherein in response thereto, a zoom level, offset,..

(In Canelones **Col. 4 line 17-->Col.5 line 6 and Col. 6 lines 13-16**, which discloses data from the content server 10 and manipulate the display of HTML pages downloaded from the Internet 12. The user computer 2 may download into the browser 4 an HTML page including text and images. The content provider initially provides the user a low resolution version of an image in the requested HTML page [*the original page layout*]. After downloading the HTML page, the user may then, using an input device such as a mouse pointer, select within the browser 4 a *two-dimensional area to subject to magnification* [i.e., in response to a user tapping within an area on a view of the Web page occupied by at least a portion of a column] (i.e., [In alternative embodiments, the selection of magnification levels may occur automatically using predetermined magnification levels without requiring human interaction, such as during a self-running demo program]. As used herein "*magnification" refers to either enlargement or reduction of the content in a display regio*n [in response to a user tapping within an area on a view of the Web page occupied by at least a portion of a column]. The user's invocation of the magnification tool 6 would initiate the operation at block 100 in FIG. 2A, where the magnification tool 6 receives coordinates of the *user selection of an (x, y) area of the displayed HTML page and a user selected magnification operation to magnify the selected area according to a magnification factor.* More over the

magnification tool 6 determines whether the user selected area of the displayed page includes image content. If so, then control proceeds to block 104 in FIG. 2b, where the magnification tool 6 will read a predestinated area of *the header fields of the image file* including the selected image content to determine whether there is a high resolution counterpart to the displayed image. As discussed, in preferred embodiments, information is included in the image header fields to indicate whether there is a high resolution counterpart to the displayed image at the content server 10; *including URL location information* and the actual high resolution [preservation of the functionality includes preservation of hyperlink functionality*]*. Also Canelones's magnification tool performs operations to determine the offsets into the pixel data area of the high resolution image of ranges of pixels that correspond to the user selected pixels in the low resolution image [**C5 L5-25**].)

Accordingly, It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified the teaching of Van and Lerner, to include a means of said enabling a user to zoom on a column of content displayed within a portion of the column, wherein in response thereto, a zoom level, offset, as taught by Canelones to produce a predictable result, as evidence, Van's auto Zoom on the screen provides a zoomed in version of that area so that the user can select a desired feature for uses in PDA or small displayed devises (see Van at the Abstract and Para(s) 7-10) in combination with magnification tool refers to either enlargement or reduction of the content in a display region of Canelones for allowing users to better manipulate images is important given that the majority of data being downloaded over

the Internet comprises image content and that in many instances users want to enlarge the view of an image. Thus, provides an improved method, system, and program for allowing a user to perform magnification operations on images downloaded over the Internet and at the same time minimize network bandwidth usage and processing burdens imposed on the content provider server [In Canelones Col 2 lines 15-25].

Regarding ***Claim 241,*** Van and Lerner further discloses: ***wherein the web page includes at least one image, a touchscreen display and a browser is implemented on the hand-held wireless device having a content display area in which Web page views are displayed, enabling a user to zoom on an image displayed in a current view of the Web page by tapping, via the touchscreen display, within the image, … and view of the Web page is updated such that the image is displayed to fit across a width of the content display area in the updated view;*** (In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area [e.g., *to fit across a width of the content display area]*. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [**Para 11**]; Also Van further discloses when the user has retrieved a web page and displayed on LCD 102 in its entirety. Due to the scale size of

LCD 102 individual hyperlinks or text fragments may not be well discernible, although the lay-out of the page conveys sufficient information to the user to determine what portion of the page may be relevant. Assume that the portion is the upper right hand corner of the page. When the user now touches screen 104 in the associated location or area, this action gets translated by processor 108 and under control of program memory 110 into *a zooming-in on that part of the page image that is centered around the touch location*. This can be implemented, e.g., by a pre-determined segmentation of the display area into, say***, four areas that each can be selected for the zooming-in,*** that part of the original image gets magnified that has a center coinciding with the touch location, [e.g., rectangular in shape or bounding box], [In Van: **Para 18],** as *not only text pages but also, e.g., still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java animation* are now within reach of these devices whose screen real estate needs not be the limiting factor anymore [**Para 10 of Van**].

It is noted; the text pages, still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java animation are reasonably interpreted as plurality objects of the web page, since they are rich media.)

However, *Van and Lerner do not expressly teach,*

Canelones teaches:

a zoom level, offset,..

(Canelones's magnification tool performs operations to determine the offsets into the pixel data area of the high resolution image of ranges of pixels that correspond to the user selected pixels in the low resolution image [**C5 L5-25**].)

Accordingly, It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified the teaching of Van and Lerner, to include a means of said enabling a user to zoom on a column of content displayed within a portion of the column, wherein in response thereto, a zoom level, offset, as taught by Canelones to produce a predictable result, as evidence, Van's auto Zoom on the screen provides a zoomed in version of that area so that the user can select a desired feature for uses in PDA or small displayed devises (see Van at the Abstract and Para(s) 7-10) in combination with magnification tool refers to either enlargement or reduction of the content in a display region of Canelones for allowing users to better manipulate images is important given that the majority of data being downloaded over the Internet comprises image content and that in many instances users want to enlarge the view of an image. Thus, provides an improved method, system, and program for allowing a user to perform magnification operations on images downloaded over the Internet and at the same time minimize network bandwidth usage and processing burdens imposed on the content provider server [In Canelones Col 2 lines 15-25].

Regarding ***Claim 242,*** Van and Lerner further discloses: ***the display comprises a touchscreen display and a browser is implemented on the hand-held wireless device having a content display area in which Web page views are displayed, further comprising enabling a user to zoom on a paragraph displayed in a current view of the Web page by tapping, via the touchscreen display, on text content within the paragraph, … and view of the Web page is updated such that***

paragraph is displayed to fit across a width of the content display area in the updated view; In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that corresponds to a portion of the page's image, it is noted, not only text pages but also, e.g., still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java animation are now within reach of these devices whose screen real estate needs not be the limiting factor anymore, the portion gets displayed so as to fill the display's area [e.g., *to fit across a width of the content display area]*. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11].

In addition, Canelones discloses: ***wherein in response thereto, a zoom level, offset,*** (Canelones's magnification tool performs operations to determine the offsets into the pixel data area of the high resolution image of ranges of pixels that correspond to the user selected pixels in the low resolution image [**C5 L5-25**].)

Accordingly, It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified the teaching of Van and Lerner, to include a means of said enabling a user to zoom on a column of content displayed within a portion of the column, wherein in response thereto, a zoom level, offset, as taught by Canelones to produce a predictable result, as evidence, Van's auto Zoom on the screen provides a zoomed in version of that area so that the user can select a

desired feature for uses in PDA or small displayed devises (see Van at the Abstract and Para(s) 7-10) in combination with magnification tool refers to either enlargement or reduction of the content in a display region of Canelones for allowing users to better manipulate images is important given that the majority of data being downloaded over the Internet comprises image content and that in many instances users want to enlarge the view of an image. Thus, provides an improved method, system, and program for allowing a user to perform magnification operations on images downloaded over the Internet and at the same time minimize network bandwidth usage and processing burdens imposed on the content provider server [In Canelones Col 2 lines 15-25].

Regarding ***Claim 243,*** Van and Lerner further discloses: ***defining a content display area comprising a rectangular portion of a browser user interface on which Web page content is to be displayed; ...; wherein a resolution of the display limit bounding box is the same as a resolution of the content display area.*** (In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area [e.g., *to fit across a width of the content display area]*. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [**Para 11**]; Also Van further discloses when the

user has retrieved a web page and displayed on LCD 102 in its entirety. Due to the scale size of LCD 102 individual hyperlinks or text fragments may not be well discernible, although the lay-out of the page conveys sufficient information to the user to determine what portion of the page may be relevant. Assume that the portion is the upper right hand corner of the page. When the user now touches screen 104 in the associated location or area, this action gets translated by processor 108 and under control of program memory 110 into *a zooming-in on that part of the page image that is centered around the touch location*. This can be implemented, e.g., by a pre-determined segmentation of the display area into, say***, four areas that each can be selected for the zooming-in,*** that part of the original image gets magnified that has a center coinciding with the touch location, [e.g., rectangular in shape or bounding box], [In Van: **Para 18.])**

However, *Van and Lerner do not expressly teach,*

Canelones teaches:

generating scaled display content in accordance with a current zoom level and pan offset, employing a display limit bounding box associated with the content display area to define a rectangular portion of the scaled display content that is to be displayed within the content display area to render a view of the Web page in accordance with the current zoom level and pan offset,

(In Canelones **Col. 4 line 17-->Col.5 line 6 and Col. 6 lines 13-16**, which discloses data from the content server 10 and manipulate the display of HTML pages downloaded

from the Internet 12. The user computer 2 may download into the browser 4 an HTML page including text and images. The content provider initially provides the user a low resolution version of an image in the requested HTML page [*the original page layout*]. After downloading the HTML page, the user may then, using an input device such as a mouse pointer, select within the browser 4 a *two-dimensional area to subject to magnification* [i.e., in response to a user tapping within an area on a view of the Web page occupied by at least a portion of a column] (i.e., [In alternative embodiments, the selection of magnification levels may occur automatically using predetermined magnification levels without requiring human interaction, such as during a self-running demo program]. As used herein "*magnification" refers to either enlargement or reduction of the content in a display regio*n [in response to a user tapping within an area on a view of the Web page occupied by at least a portion of a column]. The user's invocation of the magnification tool 6 would initiate the operation at block 100 in FIG. 2A, where the magnification tool 6 receives coordinates of the *user selection of an (x, y) area of the displayed HTML page and a user selected magnification operation to magnify the selected area according to a magnification factor.* More over the magnification tool 6 determines whether the user selected area of the displayed page includes image content. If so, then control proceeds to block 104 in FIG. 2b, where the magnification tool 6 will read a predestinated area of *the header fields of the image file* including the selected image content to determine whether there is a high resolution counterpart to the displayed image. As discussed, in preferred embodiments, information is included in the image header fields to indicate whether there is a high

resolution counterpart to the displayed image at the content server 10; *including URL location information* and the actual high resolution [preservation of the functionality includes preservation of hyperlink functionality*]*. Also Canelones's magnification tool performs operations to determine the offsets into the pixel data area of the high resolution image of ranges of pixels that correspond to the user selected pixels in the low resolution image [**C5 L5-25**].)

Accordingly, It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified the teaching of Van and Lerner, to include a means of said generating scaled display content in accordance with a current zoom level and pan offset, employing a display limit bounding box associated with the content display area to define a rectangular portion of the scaled display content that is to be displayed within the content display area to render a view of the Web page in accordance with the current zoom level and pan offset, as taught by Canelones to produce a predictable result, as evidence, Van's auto Zoom on the screen provides a zoomed in version of that area so that the user can select a desired feature for uses in PDA or small displayed devises (see Van at the Abstract and Para(s) 7-10) in combination with magnification tool refers to either enlargement or reduction of the content in a display region of Canelones for allowing users to better manipulate images is important given that the majority of data being downloaded over the Internet comprises image content and that in many instances users want to enlarge the view of an image. Thus, provides an improved method, system, and program for allowing a user to perform magnification operations on images downloaded over the Internet and at the

same time minimize network bandwidth usage and processing burdens imposed on the content provider server [In Canelones Col 2 lines 15-25].

Regarding ***Claim 248,*** Van and Lerner further discloses: ***zooming the Web page view such that in the zoomed view of the Web page is enlarged and centered horizontally within the browser display area; in response to a user tapping within an area on a view of the Web page occupied by at least a portion of the web page.*** (In Van: the Abstract and Para(s) 8-11, which discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area [e.g., *to fit across a width of the content display area]*. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [**Para 11**]; Also Van further discloses when the user has retrieved a web page and displayed on LCD 102 in its entirety. Due to the scale size of LCD 102 individual hyperlinks or text fragments may not be well discernible, although the lay-out of the page conveys sufficient information to the user to determine what portion of the page may be relevant. Assume that the portion is the upper right hand corner of the page. When the user now touches screen 104 in the associated location or area, this action gets translated by processor 108 and under control of program memory 110 into *a zooming-in on that part of the page image that is*

centered around the touch location. This can be implemented, e.g., by a pre-determined segmentation of the display area into, say***,*** *four areas that each can be selected for the zooming-in****,*** that part of the original image gets magnified that has a center coinciding with the touch location, [e.g., rectangular in shape or bounding box], [In Van: **Para 18.])**

However, *Van and Lerner do not expressly teach,*

Canelones teaches:

wherein one of the plurality of different types of objects comprises a column, the method further comprising: in response to a user tapping within an area on a view of the Web page occupied by at least a portion of a column, zooming the Web page view on the to produce a zoomed view of the Web page, wherein the zoomed view of the web page column is enlarged and centered horizontally within the browser display area.

(In Canelones **Col. 4 line 17-->Col.5 line 6 and Col. 6 lines 13-16**, which discloses data from the content server 10 and manipulate the display of HTML pages downloaded from the Internet 12. The user computer 2 may download into the browser 4 an HTML page including text and images. The content provider initially provides the user a low resolution version of an image in the requested HTML page [*the original page layout****]***. After downloading the HTML page, the user may then, using an input device such as a mouse pointer, select within the browser 4 a *two-dimensional area to subject to magnification* [i.e., in response to a user tapping within an area on a view of the Web page occupied by at least a portion of a column] (i.e., [In alternative embodiments, the selection of magnification levels may occur automatically using predetermined

magnification levels without requiring human interaction, such as during a self-running demo program]. As used herein "*magnification" refers to either enlargement or reduction of the content in a display regio*n [in response to a user tapping within an area on a view of the Web page occupied by at least a portion of a column]. The user's invocation of the magnification tool 6 would initiate the operation at block 100 in FIG. 2A, where the magnification tool 6 receives coordinates of the *user selection of an (x, y) area of the displayed HTML page and a user selected magnification operation to magnify the selected area according to a magnification factor.* More over the magnification tool 6 determines whether the user selected area of the displayed page includes image content. If so, then control proceeds to block 104 in FIG. 2b, where the magnification tool 6 will read a predestinated area of *the header fields of the image file* including the selected image content to determine whether there is a high resolution counterpart to the displayed image. As discussed, in preferred embodiments, information is included in the image header fields to indicate whether there is a high resolution counterpart to the displayed image at the content server 10; *including URL location information* and the actual high resolution [preservation of the functionality includes preservation of hyperlink functionality***].*** Also Canelones's magnification tool performs operations to determine the offsets into the pixel data area of the high resolution image of ranges of pixels that correspond to the user selected pixels in the low resolution image [**C5 L5-25**].)

Accordingly, It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified the teaching of Van and Lerner, to include a means of said wherein one of the plurality of different types of objects comprises a column, the method further comprising: in response to a user tapping within an area on a view of the Web page occupied by at least a portion of a column, zooming the Web page view on the to produce a zoomed view of the Web page, wherein the zoomed view of the web page column is enlarged and centered horizontally within the browser display area, as taught by Canelones to produce a predictable result, as evidence, Van's auto Zoom on the screen provides a zoomed in version of that area so that the user can select a desired feature for uses in PDA or small displayed devises (see Van at the Abstract and Para(s) 7-10) in combination with magnification tool refers to either enlargement or reduction of the content in a display region of Canelones for allowing users to better manipulate images is important given that the majority of data being downloaded over the Internet comprises image content and that in many instances users want to enlarge the view of an image. Thus, provides an improved method, system, and program for allowing a user to perform magnification operations on images downloaded over the Internet and at the same time minimize network bandwidth usage and processing burdens imposed on the content provider server [In Canelones Col 2 lines 15-25].

Regarding ***Claim 249,*** the rejection of claim 233 is fully incorporated**.** Thus, Van and Lerner disclose every limitation of Claims 249 and provide proper reasons to combine, as indicated in the above rejections for Claim 233.

Claims 234, 239 and 261 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Van Ee** US20020030699A1 -Continuation In Part of No.09/062,364 filed 04/17/1998 [hereinafter "Van"], In view of **Lerner et al.** ["US 2004/0210833A1" Con of 09/521,022 filed 03/07/2000 - [hereinafter "Lerner"], and further in view of **Chui** ["US 2002/0018072" Non-Provisional of Provisional 60/203,494 filed 05/11/2000 - [hereinafter "Chui"],

Regarding ***Claim 234,*** Van and Lerner do not expressly teach, but Chui discloses: ***the scaled views of the Web page are generated by employing a vector-based rendering engine to effect scaling of the display content as interpreted at first scale.*** In Chui: the Abstract and Para(s) 7-8 and Fig. 2, which discloses a method and apparatus for creating a background or foreground image at different resolutions with a scalable graphic utilizing the SVG [Scalable Vector Graphics].

Accordingly, It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Van and Lerner's handheld with auto-zoom, to include a means of said the scaled views of the Web page are generated by employing a vector-based rendering engine to effect scaling of the display content as interpreted at first scale as taught by Chui to produce a predictable result, as evidence, Van's auto Zoom on the screen enabling the user to browse the Web with a display of

limited size devices [mobile, handheld, PDA…] utilizing the one or more ZOOM LEVELS. Also it is a great asset for Internet-enabled handhelds (comprising a wireless modem), as not only text pages but also, e.g., still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java animation are now within reach of these devices whose screen real estate needs not be the limiting factor anymore, Generally set forth in Van Para(s) 8-11.

Regarding ***Claim 239,*** Van and Lerner do not expressly teach, but Chui discloses: ***wherein there is no degradation in quality of the presentation of text content when the zoom level is increased.*** In Chui: the Abstract and Para(s) 58-59 and Fig. 2 items 101-103, which discloses a method and apparatus for creating a background or foreground image at different resolutions with a scalable graphic utilizing the SVG [Scalable Vector Graphics]; wherein the image data is cached locally and reused wherever possible. Caching data locally allows random access to different parts of the image and allows images, or parts of images, to be loaded in a variety of resolution and quality levels. The data need not be cached locally. Since, the system reuses the existing image data together with the new image data to create a high quality higher resolution view. Thus, the system uses a file hierarchy that allows for two resolution levels to be extracted from one sub-image.

Accordingly, It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Van and Lerner's handheld with auto-

zoom, to include a means of said there is no degradation in quality of the presentation of text content when the zoom level is increased as taught by Chui to produce a predictable result, as evidence, Van's auto Zoom on the screen enabling the user to browse the Web with a display of limited size devices [mobile, handheld, PDA…] utilizing the one or more ZOOM LEVELS. Also it is a great asset for Internet-enabled handhelds (comprising a wireless modem), as not only text pages but also, e.g., still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java animation are now within reach of these devices whose screen real estate needs not be the limiting factor anymore, Generally set forth in Van Para(s) 8-11.

Regarding ***Claim 261,*** the rejection of claim 234 is fully incorporated**.** Thus, Van and Lerner and Chui disclose every limitation of Claims 261 and provide proper reasons to combine, as indicated in the above rejections for Claim 234.

It is noted that citations to specific, pages, columns, lines, or figures in the prior art references should not be considered to be limiting in any way. A reference is relevant for all it contains and may be relied upon for all that it would have reasonably suggested to one having ordinary skill in the art. See, MPEP 2123.

Response to Arguments

Applicant's arguments filed with current paper have been considered but are moot in view of the new ground(s) of rejections as cited above.

It is noted, this is a Non-Final office action.

In addition, Examiner retains **Van Ee** [US 2002/0030699], because, Van discloses a mobile phone has a display with a touch screen. The device has a browser and is capable of retrieving a Web page from the Internet. The page is first displayed in its entirety. The user can recognize the page's general lay-out and presence of hyperlinks. When the user touches a particular location on the touch screen that corresponds to a portion of the page's image, the portion gets displayed so as to fill the display's area [e.g., *display content at full scale] [*the Abstract and Para(s) 8-10*]*. Thus, the user can browse the Web with a display of limited size utilizing the one or more ZOOM LEVELS [Para 11].

To further clarification, Van's invention relates to an information processing apparatus that has *an input for receiving data from an external resource, e.g. the Internet, a display, and a data processing system*. The system is connected to the input and to the display. The system processes the data upon receipt and renders on the display an image corresponding to the data received. The *apparatus has a touch screen for enabling a user to interact with the apparatus*. The system is operative to enable the user to *select via the touch screen a portion of the image* when displayed at a first scale. Upon the portion being selected the system renders the selected portion on the display at a second scale larger than the first scale (zoom-in). The portion selected corresponds to *a location on the touch screen*. The invention thus allows the user to perceive *the graphical information of the image regardless of the display size*. The invention is especially interesting to handhelds, such as PDA's, palmtops, mobile phones, web pads (thin clients with browsing capabilities), etc., because the size of a

handheld's display is necessarily small due to the required form factor and weight limitation. The ubiquitous information access via a browser is a great asset for Internet-enabled handhelds (comprising a wireless modem), as *not only text pages but also, e.g., still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java animation* are now within reach of these devices whose screen real estate needs not be the limiting factor anymore [**Para 10 of Van**].

It is noted; the text pages, still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java animation are reasonably interpreted as plurality objects of the web page, since they are rich media.)

Also, Examiner retains **Lerner** [US 20040210833A1] because, Lerner discloses the uses of Explorer ("IE") implementation of the Document Object Model ("DOM") in combination with Cascading Style Sheets ("CSS") and Dynamic-HTML ("DHTML") World Wide Web technology [**Para 61**]. Also Examiner retains **Chui** [US 20020018072A1] because, Chui discloses a method and apparatus for creating a background or foreground image at different resolutions with a scalable graphic utilizing the SVG [Scalable Vector Graphics]; wherein the image data is cached locally and reused wherever possible [**Abstract and Para(s) 58-59**].

Accordingly, for at least all the above evidence, therefore the Examiner respectfully maintains the rejection of newly presented Claims 233-265 at this time.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to QUOC A. TRAN whose telephone number is (571)272-8664. The examiner can normally be reached on Mon through Fri 8AM - 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cesar Paula can be reached on (571)272-4128. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Quoc A. Tran/
Examiner, Art Unit 2177

Notice of References Cited	Application/Control No. 11/735,477	Applicant(s)/Patent Under Reexamination ROHRABAUGH ET AL.	
	Examiner QUOC A. TRAN	Art Unit 2177	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2002/0030699	03-2002	Van Ee, Jan	345/810
*	B	US-2004/0210833 A1	10-2004	Lerner et al.	715/512
*	C	US-2002/0018072	02-2002	Chui, Charles K.	345/667
*	D	US-6,700,589 B1	03-2004	Canelones et al.	345/660
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
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	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2177

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	02/24/2011	11/29/2011	06/16/2012						
	1	-	-	-						
	2	-	-	-						
	3	-	-	-						
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	5	-	-	-						
	6	-	-	-						
	7	-	-	-						
	8	-	-	-						
	9	-	-	-						
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	13	-	-	-						
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	17	-	-	-						
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	23	-	-	-						
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	31	-	-	-						
	32	-	-	-						
	33	-	-	-						
	34	-	-	-						
	35	-	-	-						
	36	-	-	-						

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CLAIM		DATE								
Final	Original	02/24/2011	11/29/2011	06/16/2012						
	37	-	-	-						
	38	-	-	-						
	39	-	-	-						
	40	-	-	-						
	41	-	-	-						
	42	-	-	-						
	43	-	-	-						
	44	-	-	-						
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	67	-	-	-						
	68	-	-	-						
	69	-	-	-						
	70	-	-	-						
	71	-	-	-						
	72	-	-	-						

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CLAIM		DATE								
Final	Original	02/24/2011	11/29/2011	06/16/2012						
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	107	-	-	-						
	108	-	-	-						

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CLAIM		DATE								
Final	Original	02/24/2011	11/29/2011	06/16/2012						
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	139	✓	-	-						
	140	✓	-	-						
	141	✓	-	-						
	142	✓	-	-						
	143	✓	-	-						
	144	✓	-	-						

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CLAIM		DATE								
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	146	✓	-	-						
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	173	✓	-	-						
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	175	✓	-	-						
	176	✓	-	-						
	177	✓	-	-						
	178	✓	-	-						
	179	✓	-	-						
	180	✓	-	-						

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CLAIM		DATE								
Final	Original	02/24/2011	11/29/2011	06/16/2012						
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	182	✓	-	-						
	183	✓	-	-						
	184	✓	-	-						
	185	✓	-	-						
	186	✓	-	-						
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	213	✓	-	-						
	214	✓	-	-						
	215	✓	-	-						
	216	✓	-	-						

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CLAIM		DATE								
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	218	✓	-	-						
	219	✓	-	-						
	220	✓	-	-						
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	226	✓	-	-						
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	231	✓	-	-						
	232	✓	-	-						
	233		✓	✓						
	234		✓	✓						
	235		✓	✓						
	236		✓	✓						
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	242		✓	✓						
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	244		✓	✓						
	245		✓	✓						
	246		✓	✓						
	247		✓	✓						
	248		✓	✓						
	249		✓	✓						
	250		✓	✓						
	251		✓	✓						
	252		✓	✓						

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CLAIM		DATE								
Final	Original	02/24/2011	11/29/2011	06/16/2012						
	253		✓	✓						
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	263		✓	✓						
	264		✓	✓						
	265		✓	✓						
	266		✓	=						
	267		✓	=						
	268		✓	=						
	269		✓	=						

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
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L10	8	L9 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
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L19	0	L18 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
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		or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
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			DERWENT; IBM_TDB			
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L38	1322	L35 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
L39	31882	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
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			FPRS; EPO; JPO; DERWENT; IBM_TDB			
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L47	13	L46 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
L48	0	L47 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
L49	8652	(zoom$3 & browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
L50	191	L49 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
L51	4	L50 & css	US-PGPUB;	OR	ON	2012/06/16

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			10:03
L52	1	L50 & (cascad$3 same stylesheet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
L53	188	L50 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
L54	14	L53 & (zoom$3 same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
L55	14	L54 & vector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
L56	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
L57	7	L56 & vector & width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
L58	4	L56 & CSS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
L59	9	L56 & larger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2012/06/16 10:03

			DERWENT; IBM_TDB			
L60	5	L56 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
L61	10	L56 & (column raw vertical$2 x y horizontal$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
L62	4	L56 & ((column raw vertical$2 x y horizontal$2) same offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
L63	5	L56 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
L64	15	L56 & (tap$4 touch$3 input$3 click$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
L65	12	L56 & (zoom$3 offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
L66	15	L56 & (text paragraph)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
L67	14	L56 & (zoom$3 resiz$3 enlarg$3 same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
L68	14	L56 & (zoom$3 resiz$3 enlarg$3 with (text paragraph))	US-PGPUB; USPAT; USOCR;	OR	ON	2012/06/16 10:03

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L69	9	L56 & ((zoom$3 resiz$3 enlarg$3) same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
L70	9	L56 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03
L71	8	L56 & (center)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/06/16 10:03

6/16/2012 10:07:33 AM
C:\Users\qtran3\Documents\EAST\Workspaces\11735477_Short.wsp

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	Art Unit
	QUOC A TRAN	2177

SEARCHED

Class	Subclass	Date	Examiner
715	249	2/24/2011	QT
715	205 and 234	2/24/2011	QT
Updated	Updated	11/29/2011	QT
Updated	Updated	6/16/2012	QT

SEARCH NOTES

Search Notes	Date	Examiner
EAST (USPAT, USPGPUB, JPO, USOCR, FPRS, EPO, DERWENT & IBM_TDB)	2/24/2011	QT
Inventors Searched Conducted- Considered Double Patent Rejection	2/24/2011	QT
NPL Search (Google Scholar Digital Library)	2/17/2011	QT
"Text search" Allowable subject matter" EAST (USPAT, USPGPUB, JPO, USOCR, FPRS, EPO, DERWENT & IBM_TDB)	2/24/2011	QT
Text Search Class 715 All Sub Classes	2/24/2011	QT
Updated	11/29/2011	QT
Updated	6/16/2012	QT

INTERFERENCE SEARCH

Class	Subclass	Date	Examiner
715	200	2/24/2011	QT
715	249	2/24/2011	QT
715	800	2/24/2011	QT
715	815	2/24/2011	QT
Updated	Updated	11/29/2011	QT
Updated	Updated	6/16/2012	QT

/QUOC A TRAN/ Examiner.Art Unit 2177	

PTO/SB/30EFS (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)

Application Number	11/735,477	Filing Date	2007-04-15	Docket Number (if applicable)	161539-P001XC	Art Unit	2177
First Named Inventor	Gary B. Rohrabaugh			Examiner Name	Quoc A. Tran		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☒ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

☐ Other _____

☒ Enclosed

☒ Amendment/Reply

☒ Information Disclosure Statement (IDS)

☐ Affidavit(s)/ Declaration(s)

☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____
(Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

☒ The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 090946

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☒ Patent Practitioner Signature

☐ Applicant Signature

PTO/SB/30EFS (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Signature of Registered U.S. Patent Practitioner			
Signature	/Babak Redjaian/	Date (YYYY-MM-DD)	2012-12-20
Name	Babak Redjaian	Registration Number	42096

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal

Application Number:	11735477
Filing Date:	15-Apr-2007
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Filer:	Babak Redjaian/Susan Langworthy
Attorney Docket Number:	161539-P001XC

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 3 months with $0 paid	2253	1	645	645

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
Request for continued examination	2801	1	465	465
		Total in USD ($)		**1110**

Electronic Acknowledgement Receipt	
EFS ID:	14534734
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	29000
Filer:	Babak Redjaian/Susan Langworthy
Filer Authorized By:	Babak Redjaian
Attorney Docket Number:	161539-P001XC
Receipt Date:	20-DEC-2012
Filing Date:	15-APR-2007
Time Stamp:	19:24:58
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$1110
RAM confirmation Number	8940
Deposit Account	090946
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees) Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees) Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		AF_Amendment.pdf	378660 e3d1e203a44840503befdab83811dae3d56b7a96	yes	22

Multipart Description/PDF files in .zip description		
Document Description	**Start**	**End**
Amendment After Final	1	1
Claims	2	12
Applicant Arguments/Remarks Made in an Amendment	13	22

Warnings:					
Information:					
2	Request for Continued Examination (RCE)	sb0030e_fill.pdf	697797 981426e5a8abae80fe4c7e7554028685095 3f017	no	3
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	32565 84939ba953122e26ea21e95d1c453ff6cfbd 34f5	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	1109022		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Gary B. Rohrabaugh	Art Unit	:	2177
			Examiner	:	Quoc A. Tran
Serial No	:	11/735,477			
			Conf. No.	:	2104
Filed	:	April 15, 2007			
Title	:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT			

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION OF JUNE 20, 2012

Listing of claims begins on page 2.

Remarks begin on page 13.

CERTIFICATE OF FILING VIA EFS-WEB
I hereby certify that this paper (along with any referred to as being attached or enclosed) is being transmitted via electronic filing (EFS-WEB) on December 20, 2012. /Susan M. Langworthy/

CLAIMS

What is claimed is:

Claims 1-232 (Cancelled)

233. (Previously Presented) A method for enabling a user to perform full page browsing of a Web page on a hand-held wireless device in a manner that replicates browsing the Web page on a desktop Web browser, wherein the Web page comprises HTML-based content and cascading style sheet (CSS) content defining a page layout and design of display content on the Web page, the method comprising:

in response to a user request to access the Web page,

retrieving HTML-based content and the CSS content corresponding to the Web page and processing the HTML-based content and CSS content with the Web browser rendering engine to interpret the page layout and design of the display content on the Web page at a first scale; and

enabling the user to perform full page browsing of the Web page at multiple zoom levels by generating corresponding views of the Web page on the hand-held device under which the page layout and design of the display content is retained relative to the interpretation of the page layout and design of the display content at the first scale,

wherein each of the Web browser rendering engine and a Web browser rendering engine employed by a desktop browser for which browsing is replicated are the same.

234. (Previously Presented) The method of claim 233, wherein the views of the Web page are generated by employing a vector-based rendering engine to effect scaling of the display content as interpreted at the first scale.

235. (Previously Presented) The method of claim 233, wherein the method enables the user to browse arbitrary user-selected pages from among billions of Web pages accessible via the World Wide Web on the hand-held wireless device in a manner that replicates browsing of those Web pages on a desktop Web browser in accordance with the method.

236. (Previously Presented) The method of claim 233, wherein the display comprises a touchscreen display and a browser is implemented on the hand-held wireless device having a content display area in which Web page views are displayed, further comprising enabling the user to perform zooming operations using tap-based user input detected by the touchscreen display and within the content display area.

237. (Previously Presented) The method of claim 233, wherein Web page views are displayed within a content display area, the method further comprising:

generating a scaled view of the Web page on the hand-held wireless device under which a width of the Web page is rendered to fit across a width of the content display area,

wherein the scaled view of the Web page comprises a magnified view of the Web page as interpreted at the first scale.

238. (Previously Presented) The method of claim 233, wherein each scaled view of the Web page comprises a magnified view of a corresponding portion of the Web page as interpreted at the first.

239. (Previously Presented) The method of claim 233, wherein there is no degradation in quality of the presentation of text content when the zoom level is increased.

240. (Previously Presented) The method of claim 233, wherein the display comprises a touchscreen display and a browser is implemented on the hand-held wireless device having a content display area in which Web page views are displayed, further comprising enabling a user to zoom on a column of content displayed in a current view of the Web page by

tapping, via the touchscreen display, within a portion of the column, wherein in response thereto, a zoom level, offset, and view of the Web page is updated such that a width of the column is displayed to fit across a width of the content display area in the updated view.

241. (Previously Presented) The method of claim 233, wherein the Web page includes at least one image, and wherein the display comprises a touchscreen display and a browser is implemented on the hand-held wireless device having a content display area in which Web page views are displayed, further comprising enabling a user to zoom on an image displayed in a current view of the Web page by tapping, via the touchscreen display, within the image, wherein in response thereto, a zoom level, offset, and view of the Web page is updated such that the image is displayed to fit across a width of the content display area in the updated view.

242. (Previously Presented) The method of claim 233, wherein the display comprises a touchscreen display and a browser is implemented on the hand-held wireless device having a content display area in which Web page views are displayed, further comprising enabling a user to zoom on a paragraph displayed in a current view of the Web page by tapping, via the touchscreen display, on text content within the paragraph, wherein in response thereto, a zoom level, offset, and view of the Web page is updated such that paragraph is displayed to fit across a width of the content display area in the updated view.

243. (Previously Presented) The method of claim 233, further comprising:

defining a content display area comprising a rectangular portion of a browser user interface on which Web page content is to be displayed;

generating scaled display content in accordance with a current zoom level and pan offset; and

employing a display limit bounding box associated with the content display area to define a rectangular portion of the scaled display content that is to be displayed within the

content display area to render a view of the Web page in accordance with the current zoom level and pan offset,

wherein a resolution of the display limit bounding box is the same as a resolution of the content display area.

244. (Previously Presented) The method of claim 233, where the hand-held wireless device comprises a touch screen display disposed on a top portion of the device.

245. (Previously Presented) The method of claim 233, where the hand-held wireless device comprises a mobile phone.

246. (Previously Presented) The method of claim 233, wherein the hand-held wireless device is configured to be held in the palm of a user.

247. (Previously Presented) A method to facilitate browsing of a Web page on a device employing a browser having a browser display area, comprising:

retrieving HTML-based content corresponding to the Web page defining layout information and attributes of content on the Web page comprising a plurality of objects including text objects, image objects, and layout objects;

processing the HTML-based content with a Web browser rendering engine to generate page layout information defining a layout location for each of the plurality of objects included in the Web page as interpreted at a first scale, wherein generation of the page layout information includes,

for each of the plurality of objects,

generating page layout information for the object including a bounding box;

generating information that links the object with its corresponding page layout information;

wherein the page layout information further includes information from which a page layout location of each of the bounding boxes can be determined, and

employing the page layout information to support zooming on objects on the Web page, wherein, in response to a user tapping on an object within a first Web page view, a zoom level, offset, and view of the Web page is updated based on page layout information corresponding to the object,

wherein the objects comprise a plurality of different types of objects, and wherein under the updated zoom level and Web page view the layout locations of objects are retained relative to the layout location of the objects as interpreted at the first scale.

248. (Previously Presented) The method of claim 247, wherein one of the plurality of different types of objects comprises a column, the method further comprising:

in response to a user tapping within an area on a view of the Web page occupied by at least a portion of a column, zooming the Web page view on the column to produce a zoomed view of the Web page, wherein in the zoomed view of the Web page the column is enlarged and centered horizontally within the browser display area.

249. (Previously Presented) The method of claim 248, wherein the column is enlarged so as to fit a width of the column across a width of the browser display area.

250. (Previously Presented) The method of claim 247, wherein one of the plurality of different types of objects comprises an image, the method further comprising:

in response to a user tapping on an image, zooming the Web page view on the image to produce a zoomed view of the Web page, wherein in the zoomed view of the Web page the image is enlarged and centered horizontally within the browser display area.

251. (Previously Presented) The method of claim 250, wherein the image is enlarged so as to fit a width of the image across a width of the browser display area.

252. (Currently Amended) The method of claim 247, wherein one of the plurality of different types of objects comprises a paragraph, the method further comprising:

in response to a user tapping on a paragraph, zooming the Web page view on the paragraph to produce a zoomed view of the Web page, wherein in the zoomed view of the Web page, the paragraph is enlarged and centered horizontally within the browser display area.

253. (Previously Presented) The method of claim 252, wherein the paragraph is enlarged so as to fit a width of the paragraph across a width of the browser display area.

254. (Previously Presented) The method of claim 247, wherein the Web page comprises Cascading Style Sheet (CSS) content defining page layout aspects of the Web page, and wherein the page layout information is generated, at least in part, by processing the CSS content.

255. (Previously Presented) The method of claim 247, wherein the device comprises a hand-held wireless device and the Web page is designed to be viewed by a desktop Web browser, further comprising, after zooming the Web page view on the object, enabling the user to browse an entirety of the HTML-based content at the updated zoom level by panning views of the Web page in response to corresponding user input, wherein each panned view of the Web page comprises a magnified view of a corresponding portion of the Web page as would be rendered by a desktop Web browser employing the Web browser rendering engine at the first scale.

256. (Previously Presented) The method of claim 247, further comprising, after zooming the Web page view on the object, enabling the user to browse an entirety of the HTML-based content at the updated zoom level by panning views of the Web page, wherein the layout of objects in each panned view is retained relative to the layout of the objects as interpreted by the Web browser rendering engine at the first scale.

257. (Previously Presented) The method of claim 247, wherein the device comprises a hand-held device.

258. (Previously Presented) The method of claim 256, wherein the hand-held device is configured to be held in the palm of a user.

259. (Previously Presented) The method of claim 247, wherein the device comprises a mobile phone.

260. (Previously Presented) A mobile device, comprising:

a processor;

a touchscreen display, operatively coupled to the processor;

a wireless communication interface, operatively coupled to the processor, to facilitate wireless communication with a network that supports access to the Internet; and

memory, operatively coupled to the processor, in which a plurality of instructions are stored including instructions comprising an operating system and a mobile browser having a Web browser rendering engine, wherein execution of the plurality of instructions by the mobile device enable the mobile device to perform operations including,

enabling a user to perform full page browsing of a Web page on the mobile device in a manner that replicates browsing the Web page on a desktop Web browser, wherein the Web page comprises HTML-based content and cascading style sheet (CSS) content defining a page layout and design of display content on the Web page, and enabling full page browsing of the Web page is implemented by,

in response to a user request to access the Web page,

retrieving HTML-based content and CSS content corresponding to the Web page and processing the HTML-based content and CSS content with the Web browser rendering engine to interpret the page layout and design of the display content on the Web page at a first scale;

enabling the user to perform full page browsing of the Web page at multiple zoom levels by generating corresponding scaled views of the Web page under which the page layout and design of the display content is retained relative to the interpretation of the page layout and design of the display content at the first scale,

wherein each of the Web browser rendering engine and a Web browser rendering engine employed by a desktop browser for which browsing is replicated are the same.

261. (Previously Presented) The mobile device of claim 260, wherein the plurality of instructions further comprise instructions for implementing a vector-based rendering engine, and wherein scaled views of the Web page are generated by executing instructions corresponding to the vector-based rendering engine to effect scaling of the display content as interpreted at the first scale.

262. (Previously Presented) The mobile device of claim 260, wherein execution of the plurality of instructions enables the user to browse arbitrary user-selected pages from among billions of Web pages accessible via the World Wide Web on the mobile device in a manner that replicates browsing of those Web pages on a desktop Web browser.

263. (Previously Presented) The mobile device of claim 260, wherein the mobile browser is configured to display Web page views within a content display area on the touchscreen display, and wherein execution of the instructions further enables the user to perform zooming operations using tap-based user input detected by the touchscreen display and within the content display area.

264. (Previously Presented) The mobile device of claim 260, wherein the mobile device comprises a mobile phone.

265. (Previously Presented) The mobile device of claim 260, wherein the mobile device is configured to be held in the palm of a user.

266. (Previously Presented) A mobile device, comprising:

a processor;

a touchscreen display, operatively coupled to the processor;

a wireless communication interface, operatively coupled to the processor, to facilitate wireless communication with a network that supports access to the Internet; and

memory, operatively coupled to the processor, in which a plurality of instructions are stored including instructions comprising an operating system and a browser having a Web browser rendering engine, wherein execution of the plurality of instructions by the mobile device enable a user to perform full page browsing of a Web pages on the mobile device in a manner that replicates browsing the Web pages on a desktop Web browser by performing operations comprising,

in response to a user request to access each of a plurality of Web pages arbitrarily selected from among billions of Web pages accessible via the World Wide Web,

retrieving HTML-based content associated with the Web page and processing the HTML-based content with the Web browser rendering engine to interpret a page layout and design of display content on the Web page at a first scale and generate corresponding page layout information, wherein the page layout information defines a layout location for each of a plurality of objects included in the Web page as interpreted at the first scale and generation of the page layout information includes,

for each of the plurality of objects,

generating page layout information including a bounding box for the object; and

generating information that links the object with its corresponding page layout information;

wherein the page layout information further includes information from which a page layout location of each of the bounding boxes can be determined;

enabling the user to perform zooming of the Web page at multiple zoom levels and pan views of the Web page at each of the multiple zoom levels by generating

corresponding scaled views of the Web page, wherein enabling the user to perform zooming operations includes performing zooming operations in response to tap-based user input, and wherein generation of a scaled view of the Web page is effected by,

for each text object to be included in scaled display content employed to generate the scaled view,

scaling page layout information associated with the text object using a scale factor associated with the scaled display content to determine a scaled datum that defines a scaled page layout location of the text object;

determining display attributes for the text object, including a font typeface, font size and color attribute; and

employing a scalable font associated with the font typeface to render text associated with the text object in a color associated with the color attribute, wherein the text is rendered relative to a location associated with the scaled datum for the text object, and wherein the scale applied to the scalable font is a function of the scale factor and the font size; and

for each image object to be included in scaled display content employed to generate the scaled view,

scaling page layout information associated with the image object using the scale factor to determine a scaled datum that defines a scaled page layout location of the image object; and

scaling scalable image content corresponding to the image object to produce a scaled image having a size that is a function of the scale factor and the bounding box corresponding to the image object; and

generating a scaled view of the Web page on the touchscreen display under which a width of the Web page is rendered to fit across a width of a content display area employed by the browser for displaying Web views.

267. (Previously Presented) The mobile device of claim 266, wherein each of the Web browser rendering engine and a Web browser rendering engine employed by a desktop browser for which browsing is replicated are the same.

268. (Previously Presented) The mobile device of claim 266, wherein a portion of the billions of Web pages comprise Web pages including Cascading Style Sheet (CSS) content defining aspects of the design of those Web pages, and wherein execution of the instructions performs further operations comprising:

in response to a user request to access a Web page including CSS content, employing the Web browser rendering engine to interpret the page layout and design of the display content on the Web page in accordance with the CSS content.

269. (Previously Presented) The mobile device of claim 266, wherein each scaled view of the Web page comprises a magnified view of a corresponding portion of the Web page as interpreted at the first scale, and wherein there is no degradation in quality of the presentation of text content when the zoom level is increased.

REMARKS

This amendment and remarks are in response to the Office Action mailed June 20, 2012, which was a non-final office action.[1] Claims 233-269 are pending. Claims 233, 247, 260, and 266 are independent claims. Claim 252 has been currently amended. The claim amendments reflect an effort to advance the prosecution of this application in light of the comments set forth in the Office Action. The amendments do not signify agreement with any position set forth in the Office Action or any concession as to an issue implicated thereby. No new matter has been added.

Related Matters

The Applicants note that the following patent applications relating to this application are concurrently pending: U.S. App. Nos. 11/735,477; 11/868,124; 12/941,106; 12/955,487. Moreover, United States patents related to this application include U.S. Patent Nos. 7,210,099; 7,461,353; 7,584,423; 7,823,083; 7,831,926; 7,844,889; and 8,145,995.

Also, the following patent reexamination proceedings are currently pending: Reexamination Control Nos. 95/000,634; 95/000,635; 90/009,994; 90/009,995; 95/002,132; 95/002,126. Further, on October 2, 2012, Kyocera Corporation submitted petitions for inter partes review of related U.S. Patent Nos. 7,831,926 and 7,461,353 under 35 U.S.C. § 311 et seq. and 37 C.F.R. § 42.1 et seq. On October 4, 2012, Kyocera Corporation submitted amended petitions for inter partes review of related U.S. Patent Nos. 7,831,926 and 7,461,353. (Case IPR2013-00004; Case IPR2013-00007.)

The Applicants further note that the following lawsuits involve patents related to this application:

[1] The Office Action Summary of June 20, 2012 notes that the action is non-final, and the Examiner has stated that "this is a Non-Final office action" on page 34 of the Office Action of June 20, 2012. While the Office Action also noted "This is a Final Office Action in response to Applicant's Amendments/Remarks and RCE filed 08/31/2011," it is understood that this was printed in error. It is understood that the Office Action of June 20, 2012 is a non-final office action.

- SoftView LLC v. Apple Inc. and AT&T Mobility LLC, Civil Action No. 10-CV-389-LPS (D. Del.)
- Softview LLC v. Sony Ericsson Mobile Comm. (USA), Inc. et al., 1:12-cv-00991-LPS (D. Del.)
- Softview LLC v. Motorola Mobility, Inc. et al., 1:12-cv-00990-LPS (D. Del.)
- Softview LLC v. Kyocera Corp et al., 1:12-cv-00989-LPS (D. Del.)
- Softview LLC v. Dell In. et al., 1:12-cv-00988-LPS (D. Del.)
- Softview LLC v. Samsung Elec. Co., Ltd. et al., 1:12-cv-00987-LPS (D. Del.)
- Softview LLC v. LG Elec., Inc. et al., 1:12-cv-00986-LPS (D. Del.)
- Softview LLC v. HTC Corp. et al., 1:12-cv-00984-LPS (D. Del.)
- Softview LLC v. Huawei Tech., Co., Ltd. et al., 1:12-cv-00985-LPS (D. Del.)

Claim Objections

Claim 252 was objected to because of an informality relating to a missing comma. Claim 252 has been currently amended to insert a comma in order to correct the informality. Applicants respectfully request withdrawal of the objection.

Allowable Subject Matter

Applicants respectfully thank the Examiner for deeming claims 266-269 to be allowable.

Claim Rejections - 35 U.S.C. 103(a)

In the Office Action:

- Claims 233, 235-238, 244-247, 250-260, and 262-265 were rejected under 35 U.S.C. 103(a) as being unpatentable over Van Ee, US20020030699A1 – Continuation in Part of US Ser. No. 09/062,364 filed 04/17/1998 (hereinafter *Van Ee*), in view of Lerner *et al*., US2004/0210833A1, Continuation of US Ser. No. 09/521,022 filed 03/07/2000 (hereinafter *Lerner*); (Office Action, at 4.)
- Claims 240-243 and 248-249 were rejected under 35 U.S.C. 103(a) as being unpatentable over *Van Ee* in view of *Lerner*, further in view of Canelones, US Pat. No. 6,700,589 (hereinafter *Canelones*); (Office Action, at 16.) and

- Claims 234, 239, and 261 were rejected under 35 U.S.C. 103(a) as being unpatentable over *Van Ee* in view of *Lerner*, further in view of *Chui*, US2002/0018072, Non-Provisional of Provisional 60/203,494 filed 5/11/2000 (hereinafter *Chui*). (Office Action, at 32.)

To establish a *prima facie* case of obviousness, there must first be some suggestion or motivation to modify a reference or to combine references, and second be a reasonable expectation of success. The teaching or suggestion to make the claimed combination and the reasonable expectation of success must both be found in the prior art and not based on applicant's disclosure. "To support the conclusion that the claimed invention is directed to obvious subject matter, either the references must expressly or impliedly suggest the claimed invention or the examiner must present a convincing line of reasoning as to why the artisan would have found the claimed invention to have been obvious in light of the teachings of the references." *Ex parte Clapp*, 227 USPQ 972, 973 (Bd. Pat. App. & Inter. 1985); MPEP § 706.02(j).

Rejection of claims 233, 247, and 260, and their dependents over *Van Ee* in view of *Lerner*

Applicants respectfully submit that the rejection of claim 233 and its dependents is improper because, among other things, neither *Van Ee* nor *Lerner* teaches "**processing** the HTML-based content" and "enabling the user to perform full page browsing of the Web page at multiple zoom levels by generating corresponding views of the Web page on the hand-held device under which the **page layout and design of the display content is retained** relative to the interpretation of the page layout and design of the display content at the first scale," where the "page layout and design" are **defined** by "**HTML-based content**" as recited in claim 233. The rejections as to claims 247 and 260, and their dependents is improper because claims 247 and 260 each contain similar limitations. *See* claim 247 ("**HTML-based content** … **defining** layout information and attributes of content … **processing** the HTML-based content … [and] under the updated zoom level and Web page view **the layout location of objects are retained** relative to the layout location of the objects as interpreted at the first scale"); claim 260 ("**HTML-based content** … **defining** a page layout and design of display content on the Web page

... **processing** the HTML-based content ... [and] enabling the user to perform full page browsing of the Web page at multiple zoom levels by generating corresponding scaled views of the Web page under which the **page layout and design of the display content is retained** relative to the interpretation of the page layout and design of the display content at the first scale.").

Van Ee auto-zoom feature

Van Ee does not teach zooming while retaining page layout and design defined by HTML data because, for example, *Van Ee* is not based on processing HTML data. Rather, *Van Ee* discusses the use of an "auto-zoom" feature that can be used to zoom on **bitmap content**, and in particular refers to the use of the "auto-zoom" feature in US Application No. 09/062,364, which issued as US 6,211,856 (Choi *et al.*(*Choi*)). See, e.g., *Van Ee* at ¶ 0007-0011 ("Summary of the Invention"); ¶ 0009 ("Such handheld devices provided with the auto-zoom feature let the user retrieve graphical information, e.g., a web page or streamed video that is stored, e.g., as a bitmap, in the display's framebuffer or another cache."); ¶ 0010 ("The system processes the data upon receipt and renders on the display an **image** corresponding to the data received. . . . The system is operative to enable the user to select via the touch screen a portion of the **image** when displayed at a first scale. Upon the portion being selected the system renders the selected portion on the display at a second scale larger than the first scale (zoom-in)."). The auto-zoom feature disclosed by *Choi* relates magnifying icons used in a Graphical User Interface (GUI) of a hand-held device such as a PDA (see Figs. 1A-1C of the '856 patent) or a home entertainment system remote control (see Figs. 2A and 2B). There is no disclosure whatsoever relating to how the zooming is enabled.

The only disclosure relating to zooming in *Van Ee* pertains to zooming image (bitmap) content. *Van Ee* at ¶ 0017-0019; ¶ 0017 ("Memory 106 stores bitmaps that are mapped onto display 102 via frame buffer 106 under control of a software bit-blitter run on microprocessor 108. . . . Handheld 100 comprises a wireless modem 114 for connecting to Internet 116. Program memory 110 stores, among other things, a browser application for enabling the user to navigate the Web, and the software for processing the graphical data as explained herein."); ¶ 0019 ("User-interaction with touch screen 104 causes display 102 to undergo a change in

appearance. The change is preferably effected through animation. Animation is the simulation of movement created by displaying a series of pictures, or frames, e.g., bitmaps. For example, an image of the original page gradually develops in the zoomed in version of the area selected. . . . The animation is effected through proper processing of the bitmaps in memory 106 and frame buffer 112.").

Applicants would like to note that in an office action issued in a different but related application, the Examiner admitted that *Van Ee* does not teach employing a scalable content to enable a user to browse a Web page at multiple zoom levels "while preserving the original page layout, [and] functionality" defined by the rendered HTML-based Web content. Prosecution History of U.S. App. No. 12/955,487 ("the '487 Application"), Office Action dated Jan. 5, 2012, at 12 ("Van does not expressly teach … employing the scaled Web page content to enable a user to browse the Web page at multiple zoom levels on the mobile device while preserving the original page layout, functionality.") (underline in original).

In support of the rejection of independent claim 247, the Examiner asserts the combination of *Van Ee* and *Lerner* disclose all of the claim limitations. Applicants respectfully submits that this position is clearly in error, as, among other limitations, *Van Ee* clearly does not support zooming on objects, generate page layout information including bounding boxes for each of a plurality of objects, or use such page layout information to support zooming on objects.

An HTML-based Web page comprises Hyper Text Markup Language content that defines objects comprising text and image content and the layout of such objects. (Application at [0006]) As explained in the Application:

> HTML is a standardized language that describes the layout of content on a web page, and attributes of that content. This layout and attribute information is ***defined by sets of tags contained in HTML code*** corresponding to the page. ***The tags define various HTML layout and display information, including tables, paragraph boundaries, graphic image positions and bounding box sizes, typeface styles, sizes, and colors, borders, and other presentation attributes***.

(Application at 0052, emphasis added)

The claims recite processing the HTML-based Web content to enable zooming of views of the Web page content where "the page layout and design of the display content is retained." *See* claim 233. For example, if a particular Web page specifies that there are 20 image objects located in places as specified in the HTML code (as interpreted by the Web browser rendering engine), the Applicants' claimed invention takes that into account and **retains** how the images look and where on the Web page the images are located when the Web page content is viewed at multiple zoom levels. The Application Figure 7A, reproduced below, shows a Web page on a mobile device that retains the page layout of an HTML-based content as defined by the HTML code for Yahoo's home page.

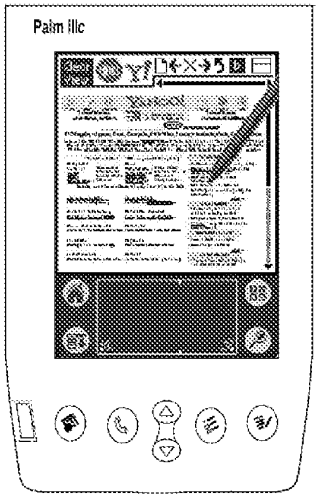


FIG. 7A

Figure 7A; s*ee also* Figs. 8A, 9A. In general, the HTML content processed by the Applicants' technology for this page is the same HTML content that was designed to be processed by a desktop browser such as Microsoft Internet Explorer and Netscape Navigator to generate a rendered page having a layout and configuration corresponding to the well-known Yahoo home page.

Lerner fails to teach what *Van Ee* lacks. *Lerner* is a "system and method for **annotating** Web-based document." *Lerner* at Title. *Lerner* does not disclose zooming. Rather, *Lerner* specifically teaches away from zooming for any purpose. Each embodiment in *Lerner* requires the underlying WBD (Web-based document) to be frozen, since the annotation content has a fixed position relative to the WBD, and if the WBD was resized, the annotation content would no longer match up. *See, e.g., Lerner* at 0058. Accordingly, any processing of WBD that is performed in *Lerner* is unrelated to enabling zooming, and combining *Lerner* with *Van Ee* would not result in the claimed invention.

Therefore, rejection of 233, 247, and 260, and their dependents should be withdrawn because neither *Van Ee* nor *Lerner* teaches "**processing** the HTML-based content" and "enabling the user to perform full page browsing of the Web page at multiple zoom levels by generating corresponding views of the Web page on the hand-held device under which the **page layout and design of the display content is retained** relative to the interpretation of the page layout and design of the display content at the first scale," where the "page layout and design" are **defined** by "**HTML-based content**" as recited in claim 233, and similar limitations as recited in claims 247 and 260.

"each of the Web browser rendering engine and a Web browser rendering engine employed by a desktop browser for which browsing is replicated are the same"

In addition to the above, rejections of claims 233 and 260, and their dependents should also be withdrawn because neither *Van Ee* nor *Lerner* discloses the limitation "each of the Web browser rendering engine and a Web browser rendering engine employed by a desktop browser for which browsing is replicated are the same." *See* claims 233 & 260.

Paragraph [0082] of the present application (emphasis added) states:

> **[0082]** As will be recognized by those skilled in the art, the functions performed in blocks 150, 152, and 154 are commonly performed by ***conventional browsers*** during a pre-rendering process. In some ***browsers***, these functions are performed by the ***Mozilla rendering engine***, which comprises open source software that is readily available for use by developers. At present, the software for the Mozilla rendering engine may be accessed via the Internet at www.mozilla.org. Accordingly, in one embodiment, the ***present invention uses***

core functionality provided by the Mozilla rendering engine source code to perform the functions of block 150, 152, and 154.

By employing the same rendering engine, Web pages will have the same appearance (*i.e.*, the layout and formatting of content will be substantially identical) on both browsers (when properly scaled on the mobile devices). Similarly, in the case of HTML and CSS standard compliant rendering engines[2], different rendering engines will render the same Web pages substantially identically. Conversely, when rendering engines employing fundamentally different levels of HTML and CSS support are used, the Web pages will generally be rendered differently (depending on the complexity of the pages).

Neither *Van Ee* nor *Lerner* teaches or suggests employing the same Web page rendering engine in a wireless device and a desktop browser. For example, *Van Ee* does not even disclose how the rendering is implemented. *Lerner* similarly does not teach or suggest employing the same rendering engine in the two devices. Rather, *Lerner* is concerned with rendering associated with modifying the Web page appearance. *Lerner* at 0064. This is unsurprising because *Lerner* is about "integrat[ing] annotation, including ink, highlighter, text-based notes and audio, directly into a Web-based document." *Lerner* at Abstract.

Further, as Examiner admits, *Van Ee* does not teach "wireless device … that replicates browsing the Web page on a desktop Web browser…" Office Action at 5. Examiner incorrectly asserts that Lerner discloses such replication. To the contrary, *Lerner* is a system involving "annotated WBDs [Web based documents]," and does not relate to replicating browsing experience between wireless device and a desktop browser. Accordingly, rejections of claims 233 and 260, and their dependents should be withdrawn for these additional reasons.

For the foregoing reasons, Applicant respectfully submits that claims 233-265 are allowable over the cited prior art.

[2] It is noted that no rendering engine meets *all* of the standard definitions for HTML or CSS; however, most modern rendering engines support core portions of these standards.

Request for Reconsideration

Applicants respectfully request favorable consideration of the pending claims in view of the foregoing amendments and arguments. Each of the pending claims is believed to be in form for allowance.

It is believed that all of the pending claims have been addressed. However, the absence of a reply to a specific rejection, issue or comment does not signify agreement with or concession of that rejection, issue or comment. Applicants hereby specifically reserve the right to prosecute claims of different or broader scope in a continuation or divisional application. Applicants note that any claim amendments made herein are made solely for the purposes of more clearly and particularly describing and claiming the invention, and not for purposes of overcoming art or for patentability or narrowing the claims. The Examiner should infer no (i) adoption of a position with respect to patentability, (ii) change in the Applicants' position with respect to any claim or subject matter of the invention, or (iii) acquiescence in any way to any position taken by the Examiner, based on such amendments. It is believed that all of the pending claims have been addressed. However, the absence of a reply to a specific rejection, issue or comment does not signify agreement with or concession of that rejection, issue or comment. In addition, because the arguments made above may not be exhaustive, there may be reasons for patentability of any or all pending claims (or other claims) that have not been expressed. Finally, nothing in this paper should be construed as an intent to concede any issue with regard to any claim, except as specifically stated in this paper, and the amendment of any claim does not signify concession of unpatentability of the claim prior to its amendment.

Please apply any charges or credits to deposit account 09-0946.

Respectfully submitted,

Date: December 20, 2012

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	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

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	2	HTC CORP. AND HTC AMERICA, INC'S RESPONSES TO SOFTVIEW LLC'S FIRST SET OF COMMON INTERROGATORIES (NOS. 1-10), Softview LLC v. Apple Inc. et al., 10-389 (LPS) (D. Del.), 2012-07-26, p. 1-19	☐
	3	Defendants' Opening Claim Construction Brief (including Exhibits AJ) filed September 21, 2012 in the case of SoftView LLC v. Apple Inc., and AT&T Mobility LLC, Case No. 10-389-LPS in the United States District court for the District of Delaware, pages PX 1026_1 - 1026_751	☐
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	5	Plaintiff SoftView LLC's Technology Tutorial filed September 21, 2012 in the case of SoftView LLC v. Apple Inc., and AT&T Mobility LLC, Case No. 10-389-LPS in the United States District court for the District of Delaware, p. 1-49	☐
	6	Declaration Of Glenn Reinman In Support Of Plaintiff SoftView LLC's Opening Claim Construction Brief (including Exhibits A-D) filed September 21, 2012 in the case of SoftView LLC v. Apple Inc., and AT&T Mobility LLC, Case No. 10-389-LPS in the United States District court for the District of Delaware, p. 1-7	☐
	7	Declaration Of Craig Johnson In Support Of Plaintiff SoftView LLC's Opening Claim Construction Brief (including Exhibits 1-14) filed September 21, 2012 in the case of SoftView LLC v. Apple Inc., and AT&T Mobility LLC, Case No. 10-389-LPS in the United States District court for the District of Delaware, pages PX 1023_1 - PX 1023_198	☐
	8	SoftSource Press Releases, available at http://web.archive.org/web/19961019052917/http://softsource.com/net-news.html, 1995-6, p. 1-5	☐
	9	Meyer, Jonathan, "A Brief Tour Through Pad++," April 1997 ("Pad++ Tour"), p. 1-142	☐
	10	Pad++ Programmer's Guide version 0.2.7, June 10, 1996 ("Pad++ Programmer's Guide"), p. 1-17	☐
	11	Pad++ Reference Manual Version 0.2.7, July 9, 1996 ("Pad++ Reference Manual"), p. 1-84	☐
	12	Watanabe, Mituyoshi, How to Make the Most of the Power Zaurus, Computing Communication Multimedia Mobile - Computing Communication Multimedia, April 14, 1998, pages PX 1004_1 - 1004_137	☐
	13	Power Zaurus Specifications: User Manual - Mobile Business Tool – Model M,I-106 / MI-106M / MI-110M, November 1997, pages PX 1004_138 - 1004_650	☐
	14	Power Zaurus MI-110 / M106 / M106 Brochure, December 1997, pages PX 1004_651 - 1004_655	☐
	15	Power Zaurus MI-610/DC Brochure, June 1998, pages PX 1004_656 - 1004_660	☐

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	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

	16	Power Zaurus MI-504/ MI-506/ MI-506DC Brochure, July 1997, pages PX 1004_661 - 1004_667	☐
	17	Power Zaurus Article, PCWatch, November 18, 1997, pages PX 1004_668 - 1004_670	☐
	18	Ferraiolo, Jon, Scalable Vector Graphics Requirements: W3C Working Draft, October 29, 1998, p. 1-16	☐
	19	Lauff, Markus, and Gellersen, Hans-Werner, "Multimedia client implementation on Personal Digital Assistants", Interactive Distributed Multimedia Systems and Telecommunication Services, 1997, p. 1-13	☐
	20	"NetHopper 2.0 First true Web browser for Newton". PenComputing Magazine, 1996, retrieved from: http://www.pencomputing.com/archive/PCM_11/nethopper.html, p. 1-3	☐
	21	Joint Claim Construction Chart (Volume 1 of 2) filed August 31, 2012 in the case of SoftView LLC v. Apple Inc., and AT&T Mobility LLC, Case No. 10-389-LPS in the United States District court for the District of Delaware, pages PX 1019a_1 - 1019a_565	☐
	22	Joint Claim Construction Chart (Volume 2 of 2) filed August 31, 2012 in the case of SoftView LLC v. Apple Inc., and AT&T Mobility LLC, Case No. 10-389-LPS in the United States District court for the District of Delaware, pages PX 1019b_1 - 1019b_817	☐
	23	SoftView LLC's Opening Claim Construction Brief filed September 21, 2012 in the case of SoftView LLC v. Apple Inc., and AT&T Mobility LLC, Case No. 10-389-LPS in the United States District court for the District of Delaware, p. 1-29	☐
	24	January 20, 2012 Declaration of Jack D, Grimes, Ph.D., submitted by Third Party Requester Apple in Inter Partes Reexamination Nos. 95/000,634 and 95/000,635, p. 1-20	☐
	25	April 2, 2012 Declaration of Jack D, Grimes, Ph.D., submitted by Third Party Requester Apple in Inter Partes Reexamination No. 95/000,634 and 95/000,635, p. 1-5	☐
If you wish to add additional non-patent literature document citation information please click the Add button			Add

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

EXAMINER SIGNATURE			
Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☒ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Babak Redjaian/	Date (YYYY-MM-DD)	2012-12-18
Name/Print	Babak Redjaian	Registration Number	42096

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

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5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

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9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal	
Application Number:	11735477
Filing Date:	15-Apr-2007
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Filer:	Babak Redjaian
Attorney Docket Number:	161539-P001XC
Filed as Large Entity	

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
		Total in USD ($)		**180**

Electronic Acknowledgement Receipt	
EFS ID:	14498961
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	29000
Filer:	Babak Redjaian/Susan Langworthy
Filer Authorized By:	Babak Redjaian
Attorney Docket Number:	161539-P001XC
Receipt Date:	20-DEC-2012
Filing Date:	15-APR-2007
Time Stamp:	19:26:47
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$180
RAM confirmation Number	8965
Deposit Account	090946
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	IDS_Transmittal.pdf	1380050 58aaacb6192e66cb1ee0c612432d2a6b06575d78	no	2
Warnings:					
Information:					
2	Information Disclosure Statement (IDS) Form (SB08)	SB08.pdf	614544 2a18521dbdd35e6841ab1c4f0e995409e9722bbd	no	7
Warnings:					
Information:					
3	Foreign Reference	JP-H10-21224.PDF	24320437 bc71ef4d7734ebfecc55f66525ce9c0b5b759788	no	43
Warnings:					
Information:					
4	Non Patent Literature	Ref_01_SoftView_Responses_Kyocera_Rogs.PDF	2599307 0b5a671b790fe05f606727a4b545de4ba6d4ec31	no	89
Warnings:					
Information:					
5	Non Patent Literature	Ref_02_HTC_Resps_to_SV_Rogs.PDF	151075 7223a5ab6b7363aae19f0551a17fb858df61b957	no	19
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8	Non Patent Literature	Ref_04_Sony_Objs_and_Resps_to_SV_Rogs.PDF	430613 2a16f53183234e72ea2ed059eb2b576e0d6f8629	no	38

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Information:					
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Information:					
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Information:					
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Information:					
19	Fee Worksheet (SB06)	fee-info.pdf	30631 d31e050810aa8d5265e44cb9e69e3cc3c8a1ac1e	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	137101250		

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New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant :	Gary B. Rohrabaugh	Art Unit :	2177
		Examiner :	Quoc A. Tran
Serial No :	11/735,477	Conf. No. :	2104
Filed :	April 15, 2007		
Title :	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants submit for consideration the references listed on the attached form SB08. Copies of the non-patent literature are attached. Copies of U.S. patents will be furnished upon request.

Additionally, the Applicants note that the following patent applications relating to this application are concurrently pending: U.S. App. Nos. 11/735,477; 11/868,124; 12/941,106; 12/955,487. Moreover, United States patents related to this application include U.S. Patent Nos. 7,210,099; 7,461,353; 7,584,423; 7,823,083; 7,831,926; 7,844,889; and 8,145,995.

Also, the following patent reexamination proceedings are currently pending: Reexamination Control Nos. 95/000,634; 95/000,635; 90/009,994; 90/009,995; 95/002,132; 95/002,126. Further, on October 2, 2012, Kyocera Corporation submitted petitions for inter partes review of related U.S. Patent Nos. 7,831,926 and 7,461,353 under 35 U.S.C. § 311 et seq. and 37 C.F.R. § 42.1 et seq. On October 4, 2012, Kyocera Corporation submitted amended petitions for inter partes review of related U.S. Patent Nos. 7,831,926 and 7,461,353. . (Case IPR2013-00004; Case IPR2013-00007.)

The Applicants further note that the following lawsuits involve patents related to this application:

CERTIFICATE OF TRANSMISSION
I hereby certify that this paper (along with any referred to as being attached or enclosed) is being transmitted via electronic filing (EFS-WEB). /Susan M. Langworthy/

- SoftView LLC v. Apple Inc. and AT&T Mobility LLC, Civil Action No. 10-CV-389-LPS (D. Del.)
- Softview LLC v. Sony Ericsson Mobile Comm. (USA), Inc. et al., 1:12-cv-00991-LPS (D. Del.)
- Softview LLC v. Motorola Mobility, Inc. et al., 1:12-cv-00990-LPS (D. Del.)
- Softview LLC v. Kyocera Corp et al., 1:12-cv-00989-LPS (D. Del.)
- Softview LLC v. Dell In. et al., 1:12-cv-00988-LPS (D. Del.)
- Softview LLC v. Samsung Elec. Co., Ltd. et al., 1:12-cv-00987-LPS (D. Del.)
- Softview LLC v. LG Elec., Inc. et al., 1:12-cv-00986-LPS (D. Del.)
- Softview LLC v. HTC Corp. et al., 1:12-cv-00984-LPS (D. Del.)
- Softview LLC v. Huawei Tech., Co., Ltd. et al., 1:12-cv-00985-LPS (D. Del.)

The Commissioner is authorized to charge Deposit Account 09-0946 for the required fee. Please apply any additional charges or credits to Deposit Account No. 09-0946.

Respectfully submitted,

Date: December 18, 2012

/Babak Redjaian/
Babak Redjaian
Reg. No. 42,096

Irell & Manella LLP
1800 Avenue of the Stars
Los Angeles, CA 90067
Telephone: (949) 760-0991
Facsimile: (310) 556-5384

Electronic Acknowledgement Receipt	
EFS ID:	14499102
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	29000
Filer:	Babak Redjaian/Susan Langworthy
Filer Authorized By:	Babak Redjaian
Attorney Docket Number:	161539-P001XC
Receipt Date:	20-DEC-2012
Filing Date:	15-APR-2007
Time Stamp:	19:31:41
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Non Patent Literature	Ref_14_Zaurus_Brochure_97_pp651-655.PDF	799044 cdcabcde1be8d1696cb06eee0d2091b7a15ae574	no	5
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Information:					

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Information:					
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Information:					
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5	Non Patent Literature	Ref_18_Ferraiolo.PDF	309119 6411ae4d8c405358dcf1d6d4f3c809844807f7de	no	17
Warnings:					
Information:					
6	Non Patent Literature	Ref_19_Lauff.PDF	436057 409c87f95cb061eb87c831715f8f7bce04abe8a7	no	13
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Information:					
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Warnings:					
Information:					
8	Non Patent Literature	Ref_21_Joint_CC_Chart_Vol_1-part1.PDF	18936601 881b8439e71e9fd9d0a43da08d98635b95e8bccf	no	288
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Information:					
9	Non Patent Literature	Ref_21_Joint_CC_Chart_Vol_1-part2.PDF	8866398 d553c91bc80f3063ac1ceb62940334547c5ba8c8	no	278
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10	Non Patent Literature	Ref_22_Joint_CC_Chart_Vol_2.PDF	24623777 937449e9acb0382693113b2820f71275394bda95	no	817
Warnings:					
Information:					

11	Non Patent Literature	Ref_23_CC_Brief.PDF	591869 e825b94a4674c4a270d4eacd1da7663fa4c89d5a	no	34
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Information:					
12	Non Patent Literature	Ref_24_Grimes.PDF	905787 7db7660cd2a5d5aceab6fa5c8c419b72de7eedcf	no	41
Warnings:					
Information:					
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Warnings:					
Information:					
		Total Files Size (in bytes):	58455315		

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New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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NOTICE OF ALLOWANCE AND FEE(S) DUE

29000 7590 03/01/2013

IRELL & MANELLA LLP
1800 AVENUE OF THE STARS
SUITE 900
LOS ANGELES, CA 90067

EXAMINER
TRAN, QUOC A

ART UNIT	PAPER NUMBER
2177	

DATE MAILED: 03/01/2013

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/735,477	04/15/2007	Gary B. Rohrabaugh	161539-P001XC	2104

TITLE OF INVENTION: RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	$885	$300	$0	$1185	06/03/2013

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

29000 7590 03/01/2013
IRELL & MANELLA LLP
1800 AVENUE OF THE STARS
SUITE 900
LOS ANGELES, CA 90067

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/735,477	04/15/2007	Gary B. Rohrabaugh	161539-P001XC	2104

TITLE OF INVENTION: RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	$885	$300	$0	$1185	06/03/2013

EXAMINER	ART UNIT	CLASS-SUBCLASS
TRAN, QUOC A	2177	715-252000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
❑ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
❑ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
1 _____
2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ❑ Individual ❑ Corporation or other private group entity ❑ Government

4a. The following fee(s) are submitted:
❑ Issue Fee
❑ Publication Fee (No small entity discount permitted)
❑ Advance Order - # of Copies _____

4b. Payment of Fee(s): **(Please first reapply any previously paid issue fee shown above)**
❑ A check is enclosed.
❑ Payment by credit card. Form PTO-2038 is attached.
❑ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)
❑ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
❑ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/735,477	04/15/2007	Gary B. Rohrabaugh	161539-P001XC	2104

29000 7590 03/01/2013

IRELL & MANELLA LLP
1800 AVENUE OF THE STARS
SUITE 900
LOS ANGELES, CA 90067

EXAMINER	
TRAN, QUOC A	

ART UNIT	PAPER NUMBER
2177	

DATE MAILED: 03/01/2013

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 698 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 698 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No.	Applicant(s)	
	11/735,477	ROHRABAUGH ET AL.	
	Examiner	Art Unit	
	QUOC A. TRAN	2177	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *Paper filed 12/20/2012 in view of telephone interview on 02/21/2013* .

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☒ The allowed claim(s) is/are *233-269 (renumbering as 1-37 respectively)*. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov .

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☐ All b) ☐ Some* c) ☐ None of the:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☒ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 12/20/2012
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
4. ☒ Interview Summary (PTO-413), Paper No./Mail Date *02/21/2013* .
5. ☒ Examiner's Amendment/Comment
6. ☐ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/CESAR B PAULA/
Supervisory Patent Examiner, Art Unit 2177

Examiner-Initiated Interview Summary	Application No.	Applicant(s)	
	11/735,477	ROHRABAUGH ET AL.	
	Examiner	Art Unit	
	QUOC A. TRAN	2177	

All participants (applicant, applicant's representative, PTO personnel):

(1) *QUOC A. TRAN [USPTO]*. (3)_____.

(2) *Babak Redjaian (Attorney)*. (4)_____.

Date of Interview: *21 February 2013*.

Type: ☒ Telephonic ☐ Video Conference
☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☒ No.
If Yes, brief description: _____.

Issues Discussed ☐101 ☐112 ☐102 ☒103 ☒Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: *233-269*.

Identification of prior art discussed: *Van et US20020030699A1,in vew of Lerner US20040210833A1, Canelones US6700589, Chui US20020018072 and Burke- US Patent 6604681 and WordQuePerson95,* .

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

The Examiner is invited to contract the undersigned for any reason related to the advancement of this case. Applicant's Attorney agrees to the following: Claims 233, 236, 240-242, 244, 247, and 260 have been amended. Claims 1-232 were preciously cancelled. Claims 2234-235, 237-239, 243, 245-246, 248-259 and 261-269 were previously presented. The claim has been amended in accordance with the substance of the telephone interview. Favorable consideration of the pending claims and passing them allowance is agreed upon .

Applicant recordation instructions: It is not necessary for applicant to provide a separate record of the substance of interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☐ Attachment

/QUOC A TRAN/ Examiner, Art Unit 2177	

DETAILED ACTION

In response to Amendments/Remarks filed 12/20/2012 and telephone interviewed on 02/21/2013, the examiner's amendment was authorized by attorney of record Babak Redjaian, Attorney for Applicants. Claims 233, 236, 240-242, 244, 247, and 260 have been amended. Claims 1-232 were previously cancelled. Claims 234-235, 237-239, 243, 245-246, 248-259 and 261-269 were previously presented.

It is noted the current application is a continuation of continuation of 09878097, filed 06/08/2001 , now U.S. Patent #7210099; 09878097 is a continuation in part of 09828511, filed 04/07/2001 , now abandoned 09878097 Claims Priority from Provisional Application 60211019, filed ***06/12/2000*** 09878097 Claims Priority from Provisional Application 60217345, filed 07/11/2000 is a division of 09878097, filed 06/08/2001 ,now U.S. Patent #7210099 and a division of 11045757, filed 01/28/2005 , now U.S. Patent #7461353 is a division of 11045649, filed 01/28/2005 , now U.S. Patent #7584423.

Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Information Disclosure Statement

The signed and dated copies of applicant's IDSs, which were filed on 12/20/2012, is attached to this Office Action.

EXAMINER'S AMENDMENT

The application has been amended as follows:

In the Claims:

Please replace the claims with the following claim set:

233. (currently amended) A method for enabling a user to perform full page browsing of a Web page on a hand-held wireless device in a manner that replicates browsing the Web page on a desktop Web browser, wherein the Web page comprises HTML-based content and cascading style sheet (CSS) content defining a page layout and design of display content on the Web page, the method comprising:

in response to a user request to access the Web page, retrieving HTML-based content and the CSS content corresponding to the Web page and processing the HTML-based content and CSS content with the Web browser rendering engine to interpret the page layout and design of the display content on the Web page at a first scale; and

employing scaled page layout information and/or content derived therefrom to generate scaled Web page content at multiple scale factors; and

enabling a user of the mobile device to zoom in on an image via a user input to a touchscreen display and wherein said scaled Web page content including one or more images is generated by scaling bounding boxes corresponding to the one or more

images to produce scaled bounding boxes and, for each of the one or more images, scaling content associated with the image to produce a scaled image that fits within its corresponding scaled bounding box;

and enabling the user to perform full page browsing of the Web page at multiple zoom levels by generating corresponding views of the Web page on the hand-held device under which the page layout and design of the display content is retained relative to the interpretation of the page layout and design of the display content at the first scale,

wherein each of the Web browser rendering engine and a Web browser rendering engine employed by a desktop browser for which browsing is replicated are the same.

234. (Previously Presented) The method of claim 233, wherein the views of the Web page are generated by employing a vector-based rendering engine to effect scaling of the display content as interpreted at the first scale.

235. (Previously Presented) The method of claim 233, wherein the method enables the user to browse arbitrary user-selected pages from among billions of Web pages accessible via the World Wide Web on the hand-held wireless device in a manner that replicates browsing of those Web pages on a desktop Web browser in accordance with the method.

236. (Currently Amended) The method of claim 233, wherein ~~the display comprises a touchscreen display and~~ a browser is implemented on the hand-held wireless device having a content display area in which Web page views are displayed, further comprising enabling the user to perform zooming operations using tap-based user input detected by the touchscreen display and within the content display area.

237. (Previously Presented) The method of claim 233, wherein Web page views are displayed within a content display area, the method further comprising:

generating a scaled view of the Web page on the hand-held wireless device under which a width of the Web page is rendered to fit across a width of the content display area,

wherein the scaled view of the Web page comprises a magnified view of the Web page as interpreted at the first scale.

238. (Previously Presented) The method of claim 233, wherein each scaled view of the Web page comprises a magnified view of a corresponding portion of the Web page as interpreted at the first.

239. (Previously Presented) The method of claim 233, wherein there is no degradation in quality of the presentation of text content when the zoom level is increased.

240. (Currently Amended) The method of claim 233, wherein ~~the display comprises a touchscreen display and~~ a browser is implemented on the hand-held wireless device having a content display area in which Web page views are displayed, further

comprising enabling a user to zoom on a column of content displayed in a current view of the Web page by tapping, via the touchscreen display, within a portion of the column, wherein in response thereto, a zoom level, offset, and view of the Web page is updated such that a width of the column is displayed to fit across a width of the content display area in the updated view.

241. (Currently Amended) The method of claim 233, wherein the Web page includes at least one image, and wherein ~~the display comprises a touchscreen display and~~ a browser is implemented on the hand-held wireless device having a content display area in which Web page views are displayed, further comprising enabling a user to zoom on an image displayed in a current view of the Web page by tapping, via the touchscreen display, within the image, wherein in response thereto, a zoom level, offset, and view of the Web page is updated such that the image is displayed to fit across a width of the content display area in the updated view.

242. (Previously Presented) The method of claim 233, wherein ~~the display comprises a touchscreen display and~~ a browser is implemented on the hand-held wireless device having a content display area in which Web page views are displayed, further comprising enabling a user to zoom on a paragraph displayed in a current view of the Web page by tapping, via the touchscreen display, on text content within the paragraph, wherein in response thereto, a zoom level, offset, and view of the Web page is updated such that paragraph is displayed to fit across a width of the content display area in the updated view.

243. (Previously Presented) The method of claim 233, further comprising:

defining a content display area comprising a rectangular portion of a browser user interface on which Web page content is to be displayed;

generating scaled display content in accordance with a current zoom level and pan offset; and

employing a display limit bounding box associated with the content display area to define a rectangular portion of the scaled display content that is to be displayed within the content display area to render a view of the Web page in accordance with the current zoom level and pan offset,

wherein a resolution of the display limit bounding box is the same as a resolution of the content display area.

244. (Currently Amended) The method of claim 233, where the touch screen display of the hand-held wireless device ~~comprises a touch screen display~~ is disposed on a top portion of the device.

245. (Previously Presented) The method of claim 233, where the hand-held wireless device comprises a mobile phone.

246. (Previously Presented) The method of claim 233, wherein the hand-held wireless device is configured to be held in the palm of a user.

247. (Currently Amended) A method to facilitate browsing of a Web page on a device employing a browser having a browser display area, comprising:

retrieving HTML-based content and cascading style sheet (CSS) content corresponding to the Web page defining layout information and attributes of content on the Web page comprising a plurality of objects including text objects, image objects, and layout objects;

processing the HTML-based content with a Web browser rendering engine to generate page layout information defining a layout location for each of the plurality of objects included in the Web page as interpreted at a first scale, wherein generation of the page layout information includes,

for each of the plurality of objects,

generating page layout information for the object including a bounding box;

generating information that links the object with its corresponding page layout information;

wherein the page layout information further includes information from which a page layout location of each of the bounding boxes can be determined ~~, and~~ ;

employing scaled page layout information and/or content derived therefrom to generate scaled Web page content at multiple scale factors;

enabling a user of the mobile device to zoom in on an object via a user input to the touchscreen display and wherein said scaled Web page content including one or more objects is generated by scaling bounding boxes corresponding to the one or more objects to produce scaled bounding boxes and, for each of the one or more

objects, scaling content associated with the object to produce a scaled object that fits within its corresponding scaled bounding box; and

enabling ~~employing the page layout information to support~~ zooming on objects on the Web page, wherein, in response to a user tapping on an object within a first Web page view, a zoom level, offset, and view of the Web page is updated based on page layout information corresponding to the object,

wherein the objects comprise a plurality of different types of objects, and wherein under the updated zoom level and Web page view the layout locations of objects are retained relative to the layout location of the objects as interpreted at the first scale.

248. (Previously Presented) The method of claim 247, wherein one of the plurality of different types of objects comprises a column, the method further comprising:

in response to a user tapping within an area on a view of the Web page occupied by at least a portion of a column, zooming the Web page view on the column to produce a zoomed view of the Web page, wherein in the zoomed view of the Web page the column is enlarged and centered horizontally within the browser display area.

249. (Previously Presented) The method of claim 248, wherein the column is enlarged so as to fit a width of the column across a width of the browser display area.

250. (Previously Presented) The method of claim 247, wherein one of the plurality of different types of objects comprises an image, the method further comprising:

in response to a user tapping on an image, zooming the Web page view on the image to produce a zoomed view of the Web page, wherein in the zoomed view of the Web page the image is enlarged and centered horizontally within the browser display area.

251. (Previously Presented) The method of claim 250, wherein the image is enlarged so as to fit a width of the image across a width of the browser display area.

252. (Previously Presented) The method of claim 247, wherein one of the plurality of different types of objects comprises a paragraph, the method further comprising:

in response to a user tapping on a paragraph, zooming the Web page view on the paragraph to produce a zoomed view of the Web page, wherein in the zoomed view of the Web page, the paragraph is enlarged and centered horizontally within the browser display area.

253. (Previously Presented) The method of claim 252, wherein the paragraph is enlarged so as to fit a width of the paragraph across a width of the browser display area.

254. (Previously Presented) The method of claim 247, wherein the Web page comprises Cascading Style Sheet (CSS) content defining page layout aspects of the

Web page, and wherein the page layout information is generated, at least in part, by processing the CSS content.

255. (Previously Presented) The method of claim 247, wherein the device comprises a hand-held wireless device and the Web page is designed to be viewed by a desktop Web browser, further comprising, after zooming the Web page view on the object, enabling the user to browse an entirety of the HTML-based content at the updated zoom level by panning views of the Web page in response to corresponding user input, wherein each panned view of the Web page comprises a magnified view of a corresponding portion of the Web page as would be rendered by a desktop Web browser employing the Web browser rendering engine at the first scale.

256. (Previously Presented) The method of claim 247, further comprising, after zooming the Web page view on the object, enabling the user to browse an entirety of the HTML-based content at the updated zoom level by panning views of the Web page, wherein the layout of objects in each panned view is retained relative to the layout of the objects as interpreted by the Web browser rendering engine at the first scale.

257. (Previously Presented) The method of claim 247, wherein the device comprises a hand-held device.

258. (Previously Presented) The method of claim 256, wherein the hand-held device is configured to be held in the palm of a user.

259. (Previously Presented) The method of claim 247, wherein the device comprises a mobile phone.

260. (Currently Amended) A mobile device, comprising:

a processor;

a touchscreen display, operatively coupled to the processor;

a wireless communication interface, operatively coupled to the processor, to facilitate wireless communication with a network that supports access to the Internet; and

memory, operatively coupled to the processor, in which a plurality of instructions are stored including instructions comprising an operating system and a mobile browser having a Web browser rendering engine, wherein execution of the plurality of instructions by the mobile device enable the mobile device to perform operations including,

enabling a user to perform full page browsing of a Web page on the mobile device in a manner that replicates browsing the Web page on a desktop Web browser, wherein the Web page comprises HTML-based content and cascading style sheet (CSS) content defining a page layout and design of display content on the Web page, and enabling full page browsing of the Web page is implemented by,

in response to a user request to access the Web page, retrieving HTML-based content and CSS content corresponding to the Web page and processing the HTML-based content and CSS content with the Web browser rendering

engine to interpret the page layout and design of the display content on the Web page at a first scale;

~~enabling the user to perform full page browsing of the Web page at multiple zoom levels by generating corresponding scaled views of the Web page under which the page layout and design of the display content is retained relative to the interpretation of the page layout and design of the display content at the first scale,~~

enabling scaled page layout information and/or content derived therefrom to generate scaled Web page content at multiple scale factors; and

enabling a user of the mobile device to zoom in on an image via a user input to the touchscreen display and wherein scaled Web page content including one or more images is generated by scaling bounding boxes corresponding to the one or more images to produce scaled bounding boxes and, for each of the one or more images, scaling content associated with the image to produce a scaled image that fits within its corresponding scaled bounding box;

wherein each of the Web browser rendering engine and a Web browser rendering engine employed by a desktop browser for which browsing is replicated are the same.

261. (Previously Presented) The mobile device of claim 260, wherein the plurality of instructions further comprise instructions for implementing a vector-based rendering engine, and wherein scaled views of the Web page are generated by executing

instructions corresponding to the vector-based rendering engine to effect scaling of the display content as interpreted at the first scale.

262. (Previously Presented) The mobile device of claim 260, wherein execution of the plurality of instructions enables the user to browse arbitrary user-selected pages from among billions of Web pages accessible via the World Wide Web on the mobile device in a manner that replicates browsing of those Web pages on a desktop Web browser.

263. (Previously Presented) The mobile device of claim 260, wherein the mobile browser is configured to display Web page views within a content display area on the touchscreen display, and wherein execution of the instructions further enables the user to perform zooming operations using tap-based user input detected by the touchscreen display and within the content display area.

264. (Previously Presented) The mobile device of claim 260, wherein the mobile device comprises a mobile phone.

265. (Previously Presented) The mobile device of claim 260, wherein the mobile device is configured to be held in the palm of a user.

266. (Previously Presented) A mobile device, comprising:

a processor;

a touchscreen display, operatively coupled to the processor;

a wireless communication interface, operatively coupled to the processor, to facilitate wireless communication with a network that supports access to the Internet; and

memory, operatively coupled to the processor, in which a plurality of instructions are stored including instructions comprising an operating system and a browser having a Web browser rendering engine, wherein execution of the plurality of instructions by the mobile device enable a user to perform full page browsing of a Web pages on the mobile device in a manner that replicates browsing the Web pages on a desktop Web browser by performing operations comprising,

in response to a user request to access each of a plurality of Web pages arbitrarily selected from among billions of Web pages accessible via the World Wide Web,

retrieving HTML-based content associated with the Web page and processing the HTML-based content with the Web browser rendering engine to interpret a page layout and design of display content on the Web page at a first scale and generate corresponding page layout information, wherein the page layout information defines a layout location for each of a plurality of objects included in the Web page as interpreted at the first scale and generation of the page layout information includes,

for each of the plurality of objects,

generating page layout information including a bounding box for the object; and

generating information that links the object with its corresponding page layout information;

wherein the page layout information further includes information from which a page layout location of each of the bounding boxes can be determined;

enabling the user to perform zooming of the Web page at multiple zoom levels and pan views of the Web page at each of the multiple zoom levels by generating corresponding scaled views of the Web page, wherein enabling the user to perform zooming operations includes performing zooming operations in response to tap-based user input, and wherein generation of a scaled view of the Web page is effected by,

for each text object to be included in scaled display content employed to generate the scaled view,

scaling page layout information associated with the text object using a scale factor associated with the scaled display content to determine a scaled datum that defines a scaled page layout location of the text object;

determining display attributes for the text object, including a font typeface, font size and color attribute; and

employing a scalable font associated with the font typeface to render text associated with the text object in a color associated with the color attribute, wherein the text is rendered relative to a location

associated with the scaled datum for the text object, and wherein the scale applied to the scalable font is a function of the scale factor and the font size; and

for each image object to be included in scaled display content employed to generate the scaled view,

scaling page layout information associated with the image object using the scale factor to determine a scaled datum that defines a scaled page layout location of the image object; and

scaling scalable image content corresponding to the image object to produce a scaled image having a size that is a function of the scale factor and the bounding box corresponding to the image object; and

generating a scaled view of the Web page on the touchscreen display under which a width of the Web page is rendered to fit across a width of a content display area employed by the browser for displaying Web views.

267. (Previously Presented) The mobile device of claim 266, wherein each of the Web browser rendering engine and a Web browser rendering engine employed by a desktop browser for which browsing is replicated are the same.

268. (Previously Presented) The mobile device of claim 266, wherein a portion of the billions of Web pages comprise Web pages including Cascading Style Sheet (CSS) content defining aspects of the design of those Web pages, and wherein execution of the instructions performs further operations comprising:

in response to a user request to access a Web page including CSS content,

employing the Web browser rendering engine to interpret the page layout and design of the display content on the Web page in accordance with the CSS content.

269. (Previously Presented) The mobile device of claim 266, wherein each scaled view of the Web page comprises a magnified view of a corresponding portion of the Web page as interpreted at the first scale, and wherein there is no degradation in quality of the presentation of text content when the zoom level is increased.

Allowable Subject Matter

Claims 233-269 are allowed.

Conclusion

The prior art made of record and not replied upon is considered pertinent to applicant's disclosure.

US Patent Application Publications

Burke et al US006604681B1

NPL

Ron Person "Web Publishing with word for windows" by Que Corp 1995 [total 16 pages]

Any inquiry concerning this communication or earlier communications from the examiner should be directed to QUOC A. TRAN whose telephone number is (571)272-8664. The examiner can normally be reached on Mon through Fri 8AM - 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cesar Paula can be reached on (571)272-4128. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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/QUOC A TRAN/
Examiner, Art Unit 2177

/CESAR B PAULA/

Supervisory Patent Examiner, Art Unit 2177

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	Examiner QUOC A. TRAN	Art Unit 2177	Page 1 of 1

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	C	US-			
	D	US-			
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NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Ron Person, "Web Publishing with Word for Windows" Published 1995 by QUE Corp [total 16 pages]
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	X	

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... We occasionally refer herein to definition of such traversals as "point of view" **authoring**, because the author/ **user's** ... exporting utilities are provided, as known in other contexts to those skilled in the art, to facilitate or ... At 520, a **user** accessing the **web page** interactively selects a ...
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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L291	572	(pda mobile handheld smartphone) same (scal$3 zoom$3 pan$4) same multiple same level	US-PGPUB; USPAT; UPAD	OR	ON	2013/02/22 09:50
L292	395	L291 & ((parameter (bounding same box) croft$3 area portion housing square ractangular) same (scal$3 pan$4 zoom$3))	US-PGPUB; USPAT; UPAD	OR	ON	2013/02/22 09:50
L293	3	L292 & ((scal$3 same (factor level)) same (html same (fumction$5 hyperlink url)))	US-PGPUB; USPAT; UPAD	OR	ON	2013/02/22 09:50
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L313	8	311 & ((scalable scaling) same vector same graphic)	US-PGPUB; USPAT; UPAD	OR	ON	2013/02/22 10:04

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	11735477	ROHRABAUGH ET AL.
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Symbol	**Type**	**Version**

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US ORIGINAL CLASSIFICATION		INTERNATIONAL CLASSIFICATION									
CLASS	**SUBCLASS**	**CLAIMED**					**NON-CLAIMED**				
715	815	G	0	6	F	17 / 00 (2006.0)	G	0	6	F	17 / 00 (2006.0)
CROSS REFERENCE(S)											
CLASS	**SUBCLASS (ONE SUBCLASS PER BLOCK)**										
853	760	200	238								

/QUOC A TRAN/ Examiner.Art Unit 2177	02/22/2013	**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	37	
/CESAR PAULA/ Supervisory Patent Examiner.Art Unit 2177	02/25/2013	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	233	6

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
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(Assistant Examiner)	(Date)	37	
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	6		42		78		114		150		186		222	26	258
	7		43		79		115		151		187		223	27	259
	8		44		80		116		152		188		224	28	260
	9		45		81		117		153		189		225	29	261
	10		46		82		118		154		190		226	30	262
	11		47		83		119		155		191		227	31	263
	12		48		84		120		156		192		228	32	264
	13		49		85		121		157		193		229	33	265
	14		50		86		122		158		194		230	34	266
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Publisher: Kluwer Academic Publishers

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L8	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L9	11	L8 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
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L20	3798	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
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L22	18	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L23	18	L22 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L24	2	"20070198916".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L25	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$	US-PGPUB; USPAT;	OR	ON	2013/02/22 09:50

		or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
L26	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L27	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L28	19	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L29	16	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L30	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L31	0	L30 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L32	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L33	11	L32 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2013/02/22 09:50

			DERWENT; IBM_TDB			
L34	8	L33 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L35	36593	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L36	43	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L37	0	L36 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L38	1322	L35 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L39	36593	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L40	1322	L38 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L41	21	L38 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L42	56	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR;	OR	ON	2013/02/22 09:50

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L43	0	L42 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L44	3798	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L45	65	L44 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L46	786	(zoom$3 with browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L47	13	L46 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L48	0	L47 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L49	10240	(zoom$3 & browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L50	192	L49 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L51	4	L50 & css	US-PGPUB;	OR	ON	2013/02/22

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			09:50
L52	1	L50 & (cascad$3 same stylesheet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L53	189	L50 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L54	14	L53 & (zoom$3 same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L55	14	L54 & vector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L56	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L57	7	L56 & vector & width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L58	4	L56 & CSS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L59	9	L56 & larger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2013/02/22 09:50

			DERWENT; IBM_TDB			
L60	5	L56 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L61	10	L56 & (column raw vertical$2 x y horizontal$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L62	4	L56 & ((column raw vertical$2 x y horizontal$2) same offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L63	5	L56 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L64	15	L56 & (tap$4 touch$3 input$3 click$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L65	12	L56 & (zoom$3 offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L66	15	L56 & (text paragraph)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L67	14	L56 & (zoom$3 resiz$3 enlarg$3 same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L68	14	L56 & (zoom$3 resiz$3 enlarg$3 with (text paragraph))	US-PGPUB; USPAT; USOCR;	OR	ON	2013/02/22 09:50

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L69	9	L56 & ((zoom$3 resiz$3 enlarg$3) same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L70	9	L56 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L71	8	L56 & (center)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L72	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L73	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L74	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L75	19	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L76	16	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50

L77	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L78	0	L77 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L79	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L80	11	L79 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L81	8	L80 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L82	36593	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L83	43	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L84	0	L83 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L85	1322	L82 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2013/02/22 09:50

			JPO; DERWENT; IBM_TDB			
L86	36593	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L87	1322	L85 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L88	21	L85 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L89	56	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L90	0	L89 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L91	3798	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L92	65	L91 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L93	18	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L94	18	L93 & css	US-PGPUB; USPAT;	OR	ON	2013/02/22 09:50

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
L95	2	"20070198916".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L96	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L97	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L98	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L99	19	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L100	16	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L101	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L102	0	L101 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/02/22 09:50

			IBM_TDB			
L103	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L104	11	L103 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L105	8	L104 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L106	36593	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L107	43	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L108	0	L107 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L109	1322	L106 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L110	36593	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L111	1322	L109 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR;	OR	ON	2013/02/22 09:50

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L112	21	L109 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L113	56	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L114	0	L113 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L115	3798	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L116	65	L115 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L117	786	(zoom$3 with browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L118	13	L117 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L119	0	L118 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L120	10240	(zoom$3 & browser) & (pda mobile	US-PGPUB;	OR	ON	2013/02/22

		handheld smartphone)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			09:50
L121	192	L120 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L122	4	L121 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L123	1	L121 & (cascad$3 same stylesheet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L124	189	L121 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L125	14	L124 & (zoom$3 same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L126	14	L125 & vector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L127	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L128	7	L127 & vector & width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2013/02/22 09:50

			DERWENT; IBM_TDB			
L129	4	L127 & CSS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L130	9	L127 & larger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L131	5	L127 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L132	10	L127 & (column raw vertical$2 x y horizontal$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L133	4	L127 & ((column raw vertical$2 x y horizontal$2) same offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L134	5	L127 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L135	15	L127 & (tap$4 touch$3 input$3 click$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L136	12	L127 & (zoom$3 offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L137	15	L127 & (text paragraph)	US-PGPUB; USPAT; USOCR;	OR	ON	2013/02/22 09:50

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L138	14	L127 & (zoom$3 resiz$3 enlarg$3 same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L139	14	L127 & (zoom$3 resiz$3 enlarg$3 with (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L140	9	L127 & ((zoom$3 resiz$3 enlarg$3) same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L141	9	L127 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L142	8	L127 & (center)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L143	2	"20100214232".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L144	35	("20070276525" | "20080062147" | "7932896" | "20060097991" | "6310610" | "20070257890" | "6580442" | "20080284739" | "20090135153" | "7911456" | "5615384" | "20100060608" | "4587630" | "5745116" | "20060066588" | "20060242607" | "20070109274").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L145	1	L144 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/02/22 09:50

			IBM_TDB			
L146	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L147	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L148	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L149	19	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L150	16	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L151	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L152	0	L151 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L153	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L154	11	L153 & (web html internet markup) & zoom$3	US-PGPUB; USPAT;	OR	ON	2013/02/22 09:50

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
L155	8	L154 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L156	36593	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L157	43	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L158	0	L157 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L159	1322	L156 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L160	36593	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L161	1322	L159 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L162	21	L159 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50

L163	56	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L164	0	L163 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L165	3798	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L166	65	L165 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L167	18	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L168	18	L167 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L169	2	"20070198916".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L170	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L171	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2013/02/22 09:50

			JPO; DERWENT; IBM_TDB			
L172	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L173	19	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L174	16	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L175	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L176	0	L175 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L177	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L178	11	L177 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L179	8	L178 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L180	36593	zoom$3 & (pda mobile handheld	US-PGPUB;	OR	ON	2013/02/22

		smartphone)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			09:50
L181	43	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L182	0	L181 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L183	1322	L180 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L184	36593	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L185	1322	L183 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L186	21	L183 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L187	56	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L188	0	L187 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/02/22 09:50

			IBM_TDB			
L189	3798	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L190	65	L189 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L191	786	(zoom$3 with browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L192	13	L191 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L193	0	L192 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L194	10240	(zoom$3 & browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L195	192	L194 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L196	4	L195 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L197	1	L195 & (cascad$3 same stylesheet)	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2013/02/22 09:50

			JPO; DERWENT; IBM_TDB			
L198	189	L195 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L199	14	L198 & (zoom$3 same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L200	14	L199 & vector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L201	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L202	7	L201 & vector & width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L203	4	L201 & CSS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L204	9	L201 & larger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L205	5	L201 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L206	10	L201 & (column raw vertical$2 x y	US-PGPUB;	OR	ON	2013/02/22

		horizontal$2)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			09:50
L207	4	L201 & ((column raw vertical$2 x y horizontal$2) same offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L208	5	L201 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L209	15	L201 & (tap$4 touch$3 input$3 click$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L210	12	L201 & (zoom$3 offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L211	15	L201 & (text paragraph)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L212	14	L201 & (zoom$3 resiz$3 enlarg$3 same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L213	14	L201 & (zoom$3 resiz$3 enlarg$3 with (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L214	9	L201 & ((zoom$3 resiz$3 enlarg$3) same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/02/22 09:50

			IBM_TDB			
L215	9	L201 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L216	8	L201 & (center)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L217	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L218	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L219	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L220	19	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L221	16	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L222	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L223	0	L222 & (html web markup xml)	US-PGPUB; USPAT; USOCR;	OR	ON	2013/02/22 09:50

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L224	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L225	11	L224 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L226	8	L225 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L227	36593	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L228	43	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L229	0	L228 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L230	1322	L227 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L231	36593	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50

L232	1322	L230 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L233	21	L230 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L234	56	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L235	0	L234 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L236	3798	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L237	65	L236 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L238	18	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L239	18	L238 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L240	2	"20070198916".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2013/02/22 09:50

			DERWENT; IBM_TDB			
L241	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L242	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L243	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L244	19	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L245	16	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L246	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L247	0	L246 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L248	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L249	11	L248 & (web html internet markup) &	US-PGPUB;	OR	ON	2013/02/22

		zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			09:50
L250	8	L249 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L251	36593	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L252	43	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L253	0	L252 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L254	1322	L251 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L255	36593	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L256	1322	L254 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L257	21	L254 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/02/22 09:50

			IBM_TDB			
L258	56	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L259	0	L258 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L260	3798	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L261	65	L260 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L262	786	(zoom$3 with browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L263	13	L262 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L264	0	L263 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L265	10240	(zoom$3 & browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L266	192	L265 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2013/02/22 09:50

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L267	4	L266 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L268	1	L266 & (cascad$3 same stylesheet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L269	189	L266 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L270	14	L269 & (zoom$3 same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L271	14	L270 & vector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L272	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L273	7	L272 & vector & width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L274	4	L272 & CSS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L275	9	L272 & larger	US-PGPUB;	OR	ON	2013/02/22

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			09:50
L276	5	L272 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L277	10	L272 & (column raw vertical$2 x y horizontal$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L278	4	L272 & ((column raw vertical$2 x y horizontal$2) same offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L279	5	L272 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L280	15	L272 & (tap$4 touch$3 input$3 click$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L281	12	L272 & (zoom$3 offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L282	15	L272 & (text paragraph)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L283	14	L272 & (zoom$3 resiz$3 enlarg$3 same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/02/22 09:50

			IBM_TDB			
L284	14	L272 & (zoom$3 resiz$3 enlarg$3 with (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L285	9	L272 & ((zoom$3 resiz$3 enlarg$3) same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L286	9	L272 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L287	8	L272 & (center)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L288	2	"20100214232".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L289	35	("20070276525" | "20080062147" | "7932896" | "20060097991" | "6310610" | "20070257890" | "6580442" | "20080284739" | "20090135153" | "7911456" | "5615384" | "20100060608" | "4587630" | "5745116" | "20060066588" | "20060242607" | "20070109274").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L290	1	L289 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:50
L294	231	715/815.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:52
L295	626	715/800.ccls.	US-PGPUB; USPAT;	OR	ON	2013/02/22 09:53

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L296	146	715/238.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:53
L297	606	715/249.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:55
L298	7005	715/200-205.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:55
L299	596	715/705.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:55
L300	1772	715/760.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:55
L301	626	715/800.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:55
L302	10269	297 298 299 300 301	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:59
L303	586	302 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 09:59

L304	84	303 & vector & width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 10:00
L305	5	304 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 10:00
L306	5	305 & (zoom$3 resiz$3 enlarg$3 same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 10:00
L307	5	306 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 10:00
L308	5	307 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 10:01
L309	0	308 & (zoom$3 with ((pda mobile handheld smartphone) same browser))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 10:01
L310	0	308 & (zoom$3 same ((pda mobile handheld smartphone) same browser))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/22 10:01

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... they had a plug-in that supported **SVG** otherwise, the thinc **Graphics** classes would fall back **...** of abstraction and make it much easier for the developer to use native **vector graphics** in their **...** **Graphics** code without changing the existing signature of any of the thinc **Graphics** API calls **...**
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... That collection of **web** pages was representative of a state-of-the-art, professionally-designed site. **...** THE COMPUTER JOURNAL, Vol. 42, No. 6, 1999 **Page** 8. **WEB PAGE** FILTERING AND RE-**AUTHORING** FOR MOBILE **USERS** 541 **...**
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M Götze, S Schlechtweg, T Strothotte - ... symposium on Smart **graphics**, 2002 - dl.acm.org
... In a collaborative **authoring** scenario, the responsible author may thus review the correction marks of other authors and decide whether or not the **... Scalable Vector Graphics** (**SVG**) 1.0 Specification. Technical Report REC-**SVG**-20010904, World Wide **Web** Consortium, 2001. **...**
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... They thank the National Science Foundation for a SBIR grant supporting development of **authoring**/editing software. References **... Web** reference publication by the W3C, http://www.w3.org/TR/**SVG**/ 22. **SVG** (2004) **Scalable Vector Graphics**. **...**
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B Huang, B Jiang, H Li - International Journal of Geographical ..., 2001 - Taylor & Francis
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J Ferraiolo, F Jun, D Jackson - World Wide **Web** Consortium (W3C). URL ..., 2003 - tka4.org
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Image having a hierarchical structure
JA Munro, H Wang - US Patent App. 09/757,741, 2001 - Google Patents
... **Graphic** objects include basic 2-D **vector graphics** functions such as text, lines, and circles. ... In an embodiment, the author of the **web page** determines the value for the predetermined setting. In general, "**zoom** in" will reduce the level of the root folder by 1 and "**zoom out**" will ...
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715	249	2/24/2011	QT
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2 COHSE: dynamic linking of web resources

Yeliz Yesilada, Sean Bechhofer, Bernard Horan

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Gottfried Vossen, Stephan Hagemann

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The emergence of Web 2.0 is provoking challenging questions for developers: What products and services can our company provide to customers and employees using Rich Internet Applications, mash-ups, Web feeds or Ajax? Which business models are appropriate ...

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Philip Kortum

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7 Live documents with contextual, data-driven information components
Anke Weber, Holger M. Kienle, Hausi A. Müller
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We introduce the notion of a live document and we describe our concept of live documents with contextual, data driven information components. The dynamic and interactive features of live documents provide a consistent data source for multimedia presentations ...

Keywords: Microsoft Office, live documents, repurposing, reverse engineering, scalable vector graphics, single sourcing, software engineering, systems documentation

8 GPU-accelerated path rendering
Mark J. Kilgard, Jeff Bolz
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Keywords: OpenGL, path rendering, stencil buffer, vector graphics

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16 Visualization in Medicine: Theory, Algorithms, and Applications

Bernhard Preim, Dirk Bartz

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Keywords: Computer Graphics

17 Composable ad hoc location-based services for heterogeneous mobile clients

Todd D. Hodes, Randy H. Katz

October 1999 **Wireless Networks** , Volume 5 Issue 5

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19 A Multiuser Multiperspective Stereographic QTVR Browser Complemented by Java3D Visualizer and Emulator

Michael Cohen, Noor Alamshah Bolhassan, Owen Noel Newton Fernando

August 2007 **Presence: Teleoperators and Virtual Environments** , Volume 16 Issue 4

Publisher: MIT Press

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	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
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... software, we did not investigate other commercial or open-source software for **authoring** our CAI ... Buttons and annotations were created using **scalable vector graphics** (**SVG**) and positioned over the structures to be ... Rollover of an **SVG** button highlighted the underlying structure. ...
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Multiple-image viewer
JA Munro - US Patent App. 09/757,561, 2001 - Google Patents
... **Graphic** objects include basic 2-D **vector graphics** functions such as text, lines, and circles. ... The multiple-image viewer also allows arranging multiple images and **graphics** at different resolution levels ... One embodiment of **scalable** coding is described in US patent application Ser. ...
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Adding dynamic visual manipulations to declarative multimedia documents
F Kuijk, RL Guimarães, P Cesar... - Proceedings of the 9th ..., 2009 - dl.acm.org
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... **Page** 20. What Do I Need to Learn? ... As mentioned earlier, the term "**web** design" has become a catch-all for a process that actually encompasses a number of different disciplines, from **graphic** design to serious programming. We'll take a look at each of them. ...
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... **vector** data on the **Web**, namely, those related with the **Scalable Vector Graphics** (**SVG**) format for ... The client-server framework for remotely displaying **vector** maps described in this work was designed to achieve several goals: be simple, **scalable**, make predictable use of ...
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Publisher: Que
Publication Date: 11-DEC-2012
Insert Date: 14-DEC-2012
Slots: 1.0
Table of Contents - Start Reading

Chapter Title: Index

Zoom in and out commands, 31 **Zoom** slider, 40 **Zoom** Timeline to Fit button, 40 ... save from Adobe Fireworks, 270 using, 83 **vector**, 82 working with, 81 img, **graphic** tag, 95 ... , getting online, 22 supported **graphics** files, 81 SVG (**Scalable Vector Graphics**), 84, 85- 87 in

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	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2177

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

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CLAIM		DATE								
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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
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36	268		✓	=	=					
37	269		✓	=	=					

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Southeastcon, 2005. Proceedings. IEEE
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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
11/735,477	04/15/2007	2177	3000	161539-P001XC	116	3

CONFIRMATION NO. 2104

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LOS ANGELES, CA 90067

OC000000060011891

Date Mailed: 03/21/2013

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Inventor(s)

Gary B. Rohrabaugh, Bellingham, WA;
Scott A. Sherman, Seattle, WA;

Applicant(s)

Gary B. Rohrabaugh, Bellingham, WA;
Scott A. Sherman, Seattle, WA;

Power of Attorney: The patent practitioners associated with Customer Number 29000

Domestic Priority data as claimed by applicant

This application is a CON of 09/878,097 06/08/2001 PAT 7210099
which is a CIP of 09/828,511 04/07/2001 ABN
and claims benefit of 60/211,019 06/12/2000
and claims benefit of 60/217,345 07/11/2000
This application 11/735,477
is a DIV of 09/878,097 06/08/2001 PAT 7210099
and is a DIV of 11/045,757 01/28/2005 PAT 7461353
and is a DIV of 11/045,649 01/28/2005 PAT 7584423

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

If Required, Foreign Filing License Granted: 05/03/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 11/735,477**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No
**** SMALL ENTITY ****
Title

METHOD, APPARATUS, AND BROWSER TO SUPPORT FULL-PAGE WEB BROWSING ON HAND-HELD WIRELESS DEVICES

Preliminary Class

715

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/735,477	04/15/2007	Gary B. Rohrabaugh	161539-P001XC	2104

29000 7590 04/05/2013

IRELL & MANELLA LLP
1800 AVENUE OF THE STARS
SUITE 900
LOS ANGELES, CA 90067

EXAMINER	
TRAN, QUOC A	
ART UNIT	**PAPER NUMBER**
2177	
MAIL DATE	**DELIVERY MODE**
04/05/2013	PAPER

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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
11/735,477	15 April, 2007	ROHRABAUGH ET AL.	161539-P001XC

IRELL & MANELLA LLP
1800 AVENUE OF THE STARS
SUITE 900
LOS ANGELES, CA 90067

EXAMINER	
QUOC A. TRAN	
ART UNIT	PAPER
2177	20130324

DATE MAILED:

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Commissioner for Patents

A signed and dated copy of applicant's IDS, which were filed on 05/23/2010, is attached to this communication.
In addition, at least one of the information disclosure statements filed on 06/22/2010; does not fully comply with the requirements of 37 CFR 1.98(b) because the at least one of the listed publications identified as "non-patent literature documents" fails to identify at least one of the following, as required in 37 CFR 1.98(b)(5):
1.relevant pages of the publication;
The information disclosure statements have been placed in the application file, but those portions that do not comply with 37 CFR have not been considered.
Applicant is advised that the date of any re-submission of any item of information contained in this Information Disclosure Statement or the submission of any missing elements will be the date of submission for purposes of determining compliance with the requirements based on the time of filing the statement, including all certification requirements for statements under 37 CFR 1.97(e). See MPEP § 609.05(a).

/CESAR B PAULA/
Supervisory Patent Examiner, Art Unit 2177

PTO-90C (Rev.04-03)

PTO/SB/08b (07-09)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Complete if Known	
Application Number	11735477
Filing Date	2007-04-15
First Named Inventor	Rohrabaugh
Art Unit	2178
Examiner Name	Robinson, Marshon L.
Attorney Docket Number	005207.P001XC

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	1	Complaint, SoftView LLC v. Apple Inc. et al. Case No. 1:10-cv-00389-JJF-LPS, the United States District Court for the District of Delaware	
	2	Report on the Filing or Determination of an Action Regarding a Patent or Trademark Case 1:10-cv-00389-JJF-LPS	
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Doc description: Information Disclosure Statement (IDS) Filed

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(Not for submission under 37 CFR 1.99)

Application Number	11735477
Filing Date	2007-04-15
First Named Inventor	Rohrabaugh
Art Unit	2176
Examiner Name	Robinson, Marshon L.
Attorney Docket Number	005207.P001XC

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477 11735477 - GAU: 2177
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Robinson, Marshon L.
	Attorney Docket Number	005207.P001XC

	1	Combined Printout of HTML Help Files for Opera 3.60 (HTML pages printed to PDF docs and combined), Available on May 12, 1999.	☐
	2	Screenshots compilations of Web pages using Opera 3.60, including: www.Altavista.com – May 1, 1999 www.cnet.com – May 8, 1999 www.excite.com – May 8, 1999 www.nytimes.com – April 22, 1999	☐
	3	Non-Final Office Action for US Application Serial No. 09/828,511, Mailed on March 22, 2004. Not publicly available via PAIR – check USPTO paper file wrapper.	☐
	4	~~Notice of Allowance for US Application Serial No. 11/738,486~~	☐
	5	~~Notice of Allowance for US Application Serial No. 11/738,992~~	☐
	6	~~Non-Final Office Action for US Application Serial No. 11/735,482, Mailed April 27, 2010~~	☐

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99)**		
	Application Number	11735477
	Filing Date	2009-04-18
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2009-04-18
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	1	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 40: Defendants' claim chart for the '926 patent for the New Pad++ References in View of Locatio, (69 pages)	☐
	2	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 41: Defendants' claim chart for the '926 patent for the New Pad++ References and the SVF References, (142 pages)	☐
	3	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 42: Defendants' claim chart for the '926 patent for the New Pad++ References, (73 pages)	☐
	4	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 43: Defendants' claim chart for the '926 patent for the New Pad++ References and the SVF References in View of Newton, (91 pages)	☐
	5	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 44: Defendants' claim chart for the '926 patent for the New Pad++ References and the SVF References in View of Locatio, (86 pages)	☐
	6	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 45: Defendants' claim chart for the '926 patent for Japanese Application Publication H10-326169 and SVF References, (71 pages)	☐
	7	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 46: Defendants' claim chart for the '926 patent for Japanese Application Publication H10-326169 and SVF References in View of Locatio, (147 pages)	☐
	8	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 47: Defendants' claim chart for the '926 patent for Japanese Application Publication H10-326169 and SVF References in View of the New Pad++, (11 pages)	☐
	9	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 48: Defendants' claim chart for the '926 patent for Japanese Application Publication H10-326169 and SVF References in View of Fox, (4 pages)	☐
	10	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 49: Defendants' claim chart for the '926 patent for Pad++ References and VML, (126 pages)	☐
	11	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 50: Defendants' claim chart for the '926 patent for the New Pad++ References and VML in View of Nokia and Palm, (71 pages)	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2009-04-18
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	12	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 51: Defendants' claim chart for the '926 patent for for the New Pad++ References and VML in View of Newton, (82 pages)	☐
	13	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 52: Defendants' claim chart for the '926 patent for for the New Pad++ References and VML in View of Locatio, (82 pages)	☐
	14	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 53: Defendants' claim chart for the '926 patent for Japanese Application Publication H10-326169 and VML, (12 pages)	☐
	15	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 54: Defendants' claim chart for the '926 patent for Japanese Application Publication H10-326169 and VML in View of Locatio, (91 pages)	☐
	16	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 55: Defendants' claim chart for the '926 patent for Japanese Application Publication H10-326169 and VML in View of New Pad++ References, (10 pages)	☐
	17	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 56: Defendants' claim chart for the '926 patent for the Pad++ References, (29 pages)	☐
	18	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 57: Defendants' claim chart for the '926 patent for the Pad++ References in View of Nokia and in Further View of Palm, (32 pages)	☐
	19	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 58: Defendants' claim chart for the '926 patent for the Pad++ References in View of Newton, (33 pages)	☐
	20	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 59: Defendants' claim chart for the '926 patent for the Pad++ References in View of Locatio, (33 pages)	☐
	21	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 60: Defendants' claim chart for the '926 patent for Japanese Application Publication H10-326169, (117 pages)	☐
	22	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 61: Defendants' claim chart for the '926 patent for Japanese Application Publication H10-326169 in View of Locatio, (199 pages)	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2009-04-18
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	23	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 62: Defendants' claim chart for the '926 patent for Japanese Application Publication H10-326169 in View of the Pad++ References, (4 pages)	☐
	24	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Defendants' Supplemental Exhibit A to Invalidity Interrogatory AnswersExhibit 63: Defendants' claim chart for the '926 patent for Japanese Application Publication H10-326169 in View of Fox, (3 pages)	☐
	25	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 64: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for claims 52, 55, and 75 of U.S. pub. No. 2002/0091738 (the "Published '097 Application") (3 pgs)	☐
	26	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 65: Defendant's Invalidity Claim Chart for the '353 Patent for Zaurus in View of Pad++, (52 pages)	☐
	27	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 66: Defendant's Invalidity Claim Chart for the '926 Patent for Zaurus in View of Pad++, (79 pages)	☐
	28	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 67: Request for Inter Partes Reexamination of U.S. Patent 7,461,353, filed May 20, 2011 (112 pages)	☐
	29	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 68: Request for Inter Partes Reexamination of U.S. Patent 7,831,926, filed May 20, 2011 (130 pages)	☐
	30	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 69: Petition under 37 CFR 1.927 and 1.181 for Supervisory Review of Refusal to Order Reexamination for Claims 5, 23-27, 33, 43, 58-61, 84, 122, 137-141, 147, 156, 174-177, 183, 220, 238-242, 248, 259, 274-277, and 283 of U.S. Patent No. 7,461,353, filed September 8, 2011 (15 pages)	☐
	31	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 70: Petition under 37 CFR 1.927 and 1.181 for Supervisory Review of Refusal to Order Reexamination for Claims 1-51, 59, 69 and 72 of Patent No. 7,831,926, filed September 8, 2011 (14 pages)	☐
	32	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 71: Third Party Requester's Comments to Office Action mailed September 30, 2011 and Patent Owner's Response Mailed December 21, 2011 pursuant to 37 CFR 1.947, (from 353 Reexam: Control No. 95/000,634) filed January 20, 2012 (321 pages)	☐
	33	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 72: Third Party Requester's Comments to Office Action mailed October 1, 2011 and Patent Owner's Response Mailed December 21, 2011 pursuant to 37 CFR 1.947, (from 926 Reexam: Control No. 95/000,635) filed January 20, 2012 (321 pages)	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2009-04-18
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	34	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 73: Request for Ex Parte Reexamination of U.S. Patent 7,461,353, filed April 13, 2012 (now Control No. 90/009,994)(359 pgs)	☐
	35	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 74: Request for Ex Parte Reexamination of U.S. Patent 7,831,926, filed May 29, 2012 (now Control No. 90/009,995) (687 pgs)	☐
	36	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 75: Declaration of Jack D. Grimes, Ph.D., executed April 2, 2012 and filed in Reexam Control No. 95/000,635 (5 pgs)	☐
	37	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 76: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for WO2000/28518 to Mac Innis ("Mac Innis") in View of Zaurus and Further in View of the Pad++ references and SVG, (41 pages)	☐
	38	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 77: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for WO9937095-Graphic Image Generation and Coding " '095", (14 pages)	☐
	39	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 78: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Experience with a World Wide Web Client By Joel Bartlett ("Bartlett"), (14 pages)	☐
	40	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 79: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for E.A. Bier, et al., Toolglass and Magic Lenses: The See-Through Interface ("Bier"), (52 pages)	☐
	41	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 80: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Krakatoa references, (96 pages)	☐
	42	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 81: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Japanese Laid-open Patent Publication No. 2001-022496 in View of the New Pad++ References and Further in View of VML (57 pages)	☐
	43	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 82: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Breaking the Screen Barrier, Lars Erik Holmquist, Doctoral Dissertation, Goteborg University, Sweden (2000) in View of the New Padd++ References and Further in View of VML, (35 pages)	☐
	44	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 83: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Japanese Patent Application Publication No. Hei 5 [1993]-346923 to Wada ("Wada") in View of Zaurus and Further in View of the Pad++ references and SVG, (21 pages)	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2009-04-18
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	45	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 84: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Japanese WO2000/28518 to Mac Innis ("Mac Innis") in View of Zaurus and Further In View of the Pad++ references and SVG, (19 pages)	☐
	46	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 85: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for WO9937095-Graphic Image Generation and Coding (" '095' "), (8 pages)	☐
	47	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 86: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Experience with a World Wide Web Client By Joel Bartlett ("Bartlett"), (9 pages)	☐
	48	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 87: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for E.A. Bier, et al., Toolglass and Magic Lenses: The See-Through Interface ("Bier") (21 pages)	☐
	49	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 88: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Krakatoa references, (49 pages)	☐
	50	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 89: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Japanese Laid-open Patent Publication No. 2001-022496 in View of the New Pad++ References and Further In View of VML, (33 pages)	☐

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	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Babak Redjaian/	Date (YYYY-MM-DD)	2013-05-31
Name/Print	Babak Redjaian	Registration Number	42096

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt	
EFS ID:	15925232
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	METHOD, APPARATUS, AND BROWSER TO SUPPORT FULL-PAGE WEB BROWSING ON HAND-HELD WIRELESS DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	29000
Filer:	Babak Redjaian/Susan Langworthy
Filer Authorized By:	Babak Redjaian
Attorney Docket Number:	161539-P001XC
Receipt Date:	31-MAY-2013
Filing Date:	15-APR-2007
Time Stamp:	23:05:53
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	477_IDS_2.pdf	614207 81c99316659c91c9a8482343f11fb31cd0d0fded	no	8
Warnings:					
Information:					

A U.S. Patent Number Citation or a U.S. Publication Number Citation is required in the Information Disclosure Statement (IDS) form for autoloading of data into USPTO systems. You may remove the form to add the required data in order to correct the Informational Message if you are citing U.S. References. If you chose not to include U.S. References, the image of the form will be processed and be made available within the Image File Wrapper (IFW) system. However, no data will be extracted from this form. Any additional data such as Foreign Patent Documents or Non Patent Literature will be manually reviewed and keyed into USPTO systems.

2	Non Patent Literature	2-1-Exhibit_40.pdf	874446 30ef09c79177999f64d378184889deeb8512593a	no	69
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3	Non Patent Literature	2-2-Exhibit_41.pdf	1031189 f52d92ca30002f2459a936adc2c2ae8d2ad61d18	no	142
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9	Non Patent Literature	2-8-Exhibit_47.pdf	186464 f83941687e7fb1e89b081d322c7bf4f7f13c8934	no	11
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10	Non Patent Literature	2-9-Exhibit_48.pdf	7830830 6f51fbf7bb5d3c837382887d44c3889a71ed6843	no	4
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39	Non Patent Literature	2-38-Exhibit_77.pdf	134894 565d28b76377b75e9cdf432f2659f346d5f7a84b	no	14
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Warnings:					
The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing					
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50	Non Patent Literature	2-49-Exhibit_88.pdf	464335 0bc8fb9b7a8c7d4039d8a2d8e769dcdcaf28f17c	no	49

Warnings:					
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51	Non Patent Literature	2-50-Exhibit_89.pdf	330288 2b6e6bbc339f82d80f1c0bd3e9ba2f0b3d87f427	no	33
Warnings:					
The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing					
Information:					
			Total Files Size (in bytes):	125484826	

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New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/SB/30EFS (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)

Application Number	11735477	Filing Date	2009-04-18	Docket Number (if applicable)	161539-0002(P001XC)	Art Unit	2177
First Named Inventor	Gary B. Rohrabaugh			Examiner Name	Quoc A. Tran		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

- ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
- ☐ Other _____

☒ Enclosed

- ☐ Amendment/Reply
- ☒ Information Disclosure Statement (IDS)
- ☐ Affidavit(s)/ Declaration(s)
- ☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____ (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

☒ The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 090946

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☒ Patent Practitioner Signature

☐ Applicant Signature

PTO/SB/30EFS (07-09)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Signature of Registered U.S. Patent Practitioner			
Signature	/Babak Redjaian/	Date (YYYY-MM-DD)	2013-05-31
Name	Babak Redjaian	Registration Number	42096

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

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The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Gary B. Rohrabaugh	Art Unit	:	2177
Serial No	:	11/735,477	Examiner	:	Quoc A. Tran
Filed	:	April 15, 2007	Conf. No.	:	2104
Title	:	METHOD, APPARATUS, AND BROWSER TO SUPPORT FULL-PAGE WEB BROWSING ON HAND-HELD WIRELESS DEVICES			

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants submit for consideration the references listed on the attached form SB08. Copies of the non-patent literature are attached. Copies of U.S. patents will be furnished upon request.

The following related and co-pending patent applications have received Office Actions since Applicant's last Information Disclosure Statement: U.S. App. Nos. 11/868,124 and 12/941,106. In both applications, non-final office actions were mailed on March 13, 2013.

In addition, on April 29, 2013 Motorola Mobility LLC submitted petitions for *inter partes* review of related U.S. Patent Nos. 7,461,353 (case no. IPR2013-00256) and 7,831,926 (IPR2013-00257) under 35 U.S.C. § 311 et seq. and 37 C.F.R. § 42.1 et seq.

Applicants hereby request Examiner to review the foregoing references and in particular the papers specifically referenced. In the interest of administrative efficiency, separate copies of the patent application file history documents are not submitted herewith, as all of the materials are accessible electronically on the PALM system or the PAIR system. Copies will be furnished upon request.

Applicants presume that the Examiner has reviewed all information submitted in connection with applications to which priority has been claimed under 35 U.S.C. § 120, pursuant to MPEP 609.02. Copies of papers included in the file histories of those applications will likewise be furnished on request.

CERTIFICATE OF FILING VIA EFS-WEB
I hereby certify that this paper (along with any referred to as being attached or enclosed) is being transmitted via electronic filing (EFS-WEB) on May 31, 2013.

The Commissioner is hereby authorized and requested to charge any additional fees which may be required or credit any overpayment to Deposit Account No. 09-0946.

Respectfully submitted,

Date: May 31, 2013

/Babak Redjaian/
Babak Redjaian
Reg. No. 42,096

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	11735477
Filing Date	2009-04-18
First Named Inventor	Gary B. Rohrabaugh
Art Unit	2177
Examiner Name	Quoc A. Tran
Attorney Docket Number	161539-0002(P001XC)

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Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	6185625		2001-02-06	Tso et al.	
	2	6642925		2003-11-04	Roy et al.	
	3	6133916		2000-10-17	Bukszar et al.	
	4	6553393		2003-04-22	Eilbott et al.	
	5	6724403		2004-04-20	Santoro et al.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
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	Attorney Docket Number	161539-0002(P001XC)

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] ¡	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1	05-346923	JP		1993-12-27	Wada		☐
	2	2001-022496	JP		2001-01-26	Abe		☐
	3	99/37095	WO		1999-07-22	Simons		☐
	4	00/285518	WO		2000-05-18	MacInnis et al.		☐
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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1	BIER, Eric A. et al., "Toolglass and Magic Lenses: The See-Through Interface," Proceedings of Siggraph '93 (Anaheim, August), COMPUTER GRAPHICS ANNUAL CONFERENCE SERIES 73-80 ACM, 1993, pp. 73-80 ("Bier")	☐
	2	SoftSource Press Release, "New CAD System Works with AutoCAD Drawings Without Translation," released June 17, 1996, retrieved from: http://web.archive.org/web/1996101052917 http://softsource.com/net-news.html, 2 pages (SVF Press 1)	☐
	3	SoftSource Press Release, "Bring New CAD Viewing Power to the Internet," released March 4, 1996, retrieved from http://web.archive.org/web/1996101052917 http://softsource.com/net-news.html, 1 page (SVF Press 2)	☐

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	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	4	KAMADA, Tomihisa, "Compact HTML for Small Information Appliances," W3C, February 9, 1998 (16 pages) http://www.w3.org/TR/1998/NOTE-compactHTML-19980209/ (PX 1014) Submitted by Petitioner's in IPRs 2013-00004, -00007, -00256, -00257	☐
	5	Second Amended Complaint filed September 30, 2011 in the case of SoftView LLC v. Apple Inc., and AT&T Mobility LLC, Case No. 10-389-LPS in the United States District Vourt for the District of Delaware (PX1018) (110 pages) Submitted by Petitioner in IPRs 2013-00004, -00007, -00256, -00257	☐
	6	Softview LLC's Responses to Motorola Mobility, Inc.'s First Set of Interrogatories (No. 1), Case 10-389-LPS (90 pages) (PX 1027) Submitted by Petitioner in IPRs 2013-00004, -00007, -00256, -00257	☐
	7	Declaration of Hidekazu Takahashi, September 25, 2012 (464 pages) (PX 1028) Submitted by Petitioner in IPRs 2013-00004, -00007, -00256, -00257	☐
	8	Declaration of Manabu Toda, September 18, 2012 (462 pages) (PX 1029) Submitted by Petitioner in IPRs 2013-00004, -00007, -00256, -00257	☐
	9	Huawei Technologies Co., Ltd and Futurewei Technologies, Inc.'s Fourth Supplemental Responses to Softview LLC's First Set of Common Interrogatories (Nos. 1-4) (10 pages)	☐
	10	Apple Inc.'s Objections and Responses to Softview LLC's First Set of Interrogatories (Nos. 1-10), Jan. 3, 2010, in the case of SoftView LLC v Apple, Inc., et al., Case No. 10-389-LPS(D.Delaware), (22 pages)	☐
	11	Huawei Technologies Co., Ltd. and Futurewei Technologies, Inc.'s Sixth Supplemental Responses to Softview LLC's First Set of Common Interrogatories (Nos. 1&2) including Supplemental Exhibits 110-113, Mar. 14, 2013, in the case of SoftView LLC v Apple, Inc., et al., Case No. 10-389-LPS(D.Delaware), (119 pages)	☐
	12	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 1: Defendants' claim chart for the '353 patent for the New Pad++ References, (228 pages)	☐
	13	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 2: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and VML, (231 pages)	☐
	14	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 3: Defendants' claim chart for the '353 patent for the New Pad++ References, (112 pages)	☐

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	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	15	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 4: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and VML, (205 pages)	☐
	16	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 5: Defendants' claim chart for the '353 patent for the New Pad++ References, (179 pages)	☐
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	18	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 7: Defendants' claim chart for the '353 patent for the New Pad++ References, (182 pages)	☐
	19	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 8: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and VML, (261 pages)	☐
	20	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 9: Defendants' claim chart for the '353 patent for the New Pad++ References, (168 pages)	☐
	21	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 10: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and VML, (237 pages)	☐
	22	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 11: Defendants' claim chart for the '353 patent for the New Pad++ References and the SVF References, (344 pages)	☐
	23	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 12: Defendants' claim chart for the '353 patent for the New Pad++ References and the SVF References, (103 pages)	☐
	24	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 13: Defendants' claim chart for the '353 patent for the New Pad++ References and the SVF References, (246 pages)	☐
	25	Exhibit 14: Defendants' claim chart for the '353 patent for the New Pad++ References and the SVF References, (196 pages)	☐

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	Filing Date	2009-04-18
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	26	Exhibit 15: Defendants' claim chart for the '353 patent for the New Pad++ References and the SVF References, (174 pages)	☐
	27	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 16: Defendants' claim chart for the '353 patent for the New Pad++ References and the SVF References, (235 pages)	☐
	28	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 17: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and the SVF References, (364 pages)	☐
	29	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 18: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and the SVF References, (75 pages)	☐
	30	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 19: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and the SVF References, (229 pages)	☐
	31	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 20: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and the SVF References, (208 pages)	☐
	32	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 21: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and the SVF References, (207 pages)	☐
	33	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 22: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and the SVF References, (259 pages)	☐
	34	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 23: Defendants' claim chart for the '353 patent for the New Pad++ References and VML, (260 pages)	☐
	35	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 24: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and the SVF References, (79 pages)	☐
	36	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 25: Defendants' claim chart for the '353 patent for the New Pad++ References and VML, (226 pages)	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2009-04-18
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	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	37	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 26: Defendants' claim chart for the '353 patent for the New Pad++ References and VML, (197 pages)	☐
	38	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 27: Defendants' claim chart for the '353 patent for the New Pad++ References and VML, (197 pages)	☐
	39	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 28: Defendants' claim chart for the '353 patent for the New Pad++ References and VML, (275 pages)	☐
	40	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 29: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and VML, (333 pages)	☐
	41	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 30: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and VML, (76 pages)	☐
	42	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 31: Defendants' claim chart for the '353 patent for New Pad++ References, (187 pages)	☐
	43	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 32: Defendants' claim chart for the '353 patent for the Pad++ References in View of Bray, (4 pages)	☐
	44	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 33: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 (338 pages)	☐
	45	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 34: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 in view of Bray (4 pages)	☐
	46	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 35: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 in View of the Pad++ References, (53 pages)	☐
	47	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 36: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 in view of the Fox References, (51 pages)	☐

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	Application Number	11735477
	Filing Date	2009-04-18
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	48	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 37: Defendants' claim chart for the '353 patent for the New Pad++ References, (115 pages)	☐
	49	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 38: Defendants' claim chart for the '353 patent for the New Pad++ References in View of Nokia and in Further View of Palm, (68 pages)	☐
	50	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 39: Defendants' claim chart for the '353 patent for the New Pad++ References in View of Newton, (69 pages)	☐

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Examiner Signature		Date Considered	

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	Application Number	11735477
	Filing Date	2009-04-18
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Babak Redjaian/	Date (YYYY-MM-DD)	2013-05-31
Name/Print	Babak Redjaian	Registration Number	42096

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Application Number:	11735477
Filing Date:	15-Apr-2007
Title of Invention:	METHOD, APPARATUS, AND BROWSER TO SUPPORT FULL-PAGE WEB BROWSING ON HAND-HELD WIRELESS DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Filer:	Babak Redjaian
Attorney Docket Number:	161539-P001XC
Filed as Small Entity	

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
RCE - 2nd and Subsequent Request	2820	1	850	850
		Total in USD ($)		**850**

Electronic Acknowledgement Receipt	
EFS ID:	15924637
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	METHOD, APPARATUS, AND BROWSER TO SUPPORT FULL-PAGE WEB BROWSING ON HAND-HELD WIRELESS DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	29000
Filer:	Babak Redjaian/Susan Langworthy
Filer Authorized By:	Babak Redjaian
Attorney Docket Number:	161539-P001XC
Receipt Date:	31-MAY-2013
Filing Date:	15-APR-2007
Time Stamp:	22:59:19
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$850
RAM confirmation Number	7721
Deposit Account	090946
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Warnings:					
Information:					
2	Transmittal Letter	477_IDS_Transmittal_Letter.pdf	22862 fcc25f9d838c1db67a67b353cd587f1ccfb4d904	no	2
Warnings:					
Information:					
3	Information Disclosure Statement (IDS) Form (SB08)	477_IDS_1.pdf	614500 abd5b148f282f6936e3a77d7c1124c4c7ea4e6aa	no	9
Warnings:					
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Warnings:					
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5	Foreign Reference	1-F2-Abe_2001-022496.pdf	46662 82f6fbee77475f1e4ee58d4f0e0f746b6b18a037	no	2
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9	Non Patent Literature	1-2-SVF_Press_1.pdf	33404 34e045c6b3d48d1f641a680e90f85fe73cd2198a	no	2
Warnings:					
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10	Non Patent Literature	1-3-SVF_Press_2.pdf	26418 6438188b825695a514b65ff8b253d7f7ab9b8f64	no	1
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16	Non Patent Literature	1-8-Toda-pp_1-231.pdf	14089747 6dedac51abc629ebe0d13f57a403b1718b809362	no	231
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17	Non Patent Literature	1-8-Toda-pp_232-462.pdf	12465838 9f9806e0eab6d8a5988e8983ff41b308d97a733b	no	231
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18	Non Patent Literature	1-9-Huawei_Fourth_Supp_Response.pdf	200371 9b6561acc92eda3ece2a60cfffc43a6994170330	no	10
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19	Non Patent Literature	1-10-Apple_Obj_and_Responses.pdf	160360 e87deda4dee2a2c01dd6d1c1397a237701963a4e	no	22
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20	Non Patent Literature	1-11-Sixth_Supp_Resp_to_First_Set_Common_Rogs2.pdf	825689 d97f2918c9b74f3e445d4d7810bf8ce6f9010c01	no	119
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21	Non Patent Literature	1-12-Exhibit_1.pdf	1257520 72ca5e4e8b694961633f61b9040df0e371b303c9	no	228
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22	Non Patent Literature	1-13-Exhibit_2.pdf	3112534 7f75c030aae671364b1341edc52a6b3b7e35858d	no	231
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23	Non Patent Literature	1-14-Exhibit_3.pdf	958296 09aa49dc67c9a24602fb75f2960db667ffc292c8	no	112
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24	Non Patent Literature	1-15-Exhibit_4.pdf	2823299 7af8c8c4c8213fb4ed3cd7e4351c5f94f32530d7	no	205
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25	Non Patent Literature	1-16-Exhibit_5.pdf	1264809 56711ed8473576e6b952a704cc7a3bba285c5da4	no	179
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26	Non Patent Literature	1-17-Exhibit_6.pdf	2901943 97e184050a30711ee181561906367 68a0a12f978	no	259
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27	Non Patent Literature	1-18-Exhibit_7.pdf	1148435 6aaf0cbe8c27b96fa78dfdf816b22002e5f94250	no	182
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28	Non Patent Literature	1-19-Exhibit_8.pdf	2937968 71d043a70262eaa918fa3636ab825fa87da75a8f	no	261
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29	Non Patent Literature	1-20-Exhibit_9.pdf	1123537 936215ca81d159288a65c494bcf7d923274985d7	no	168
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30	Non Patent Literature	1-21-Exhibit_10.pdf	1281626 dfcfb15db87df90f97447cffd5fdb3f26c90b4b5	no	237
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31	Non Patent Literature	1-22-Exhibit_11.pdf	1510384 99f71b3475ed73519bca578ffd0b2ada290f1c69	no	344
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32	Non Patent Literature	1-23-Exhibit_12.pdf	3065896 f281422dc053c0817f03c6c71f529e5ec6ab0acb	no	103
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33	Non Patent Literature	1-24-Exhibit_13.pdf	1428491 d51de51bb0ab99bbd5c5b8e5d3645f64042f471b	no	246
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34	Non Patent Literature	1-25-Exhibit_14.pdf	3321559 9670bc1d195660c0ae3ffe953f28a8cf713896e7	no	196
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35	Non Patent Literature	1-26-Exhibit_15.pdf	1151095 0f302116b9a842ca48be203e6f51dfe4deef4775	no	174
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36	Non Patent Literature	1-27-Exhibit_16.pdf	3423826 e3f3fca8fdb55746efcd15fec786025cedb2a5ce	no	235
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42	Non Patent Literature	1-33-Exhibit_22.pdf	4469633 3cc9dcf6ce7ca42350516ea1d595f9192aa9afd7	no	259
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43	Non Patent Literature	1-34-Exhibit_23.pdf	1336391 c8fcedfa3eea5c3bfd849258918a16b1bdde5fea	no	260
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44	Non Patent Literature	1-35-Exhibit_24.pdf	885042 71ffb9939b514077d4e06ffb09e2e2cf04e2c7c8	no	79
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45	Non Patent Literature	1-36-Exhibit_25.pdf	1380047 477dc087bbfafe4fb1df4a591b989c8c57434472	no	226
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46	Non Patent Literature	1-37-Exhibit_26.pdf	1199354 134ff24ecf03857d1e41aff94b46c2ab96171491	no	197
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47	Non Patent Literature	1-39-Exhibit_28.pdf	1376971 f7a6292973f1fbf19cbc4f04abe798279042e0ec	no	275
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48	Non Patent Literature	1-40-Exhibit_29.pdf	3555864 45cfcc39de176131531f431d68189ede6438dfb6	no	333
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49	Non Patent Literature	1-41-Exhibit_30.pdf	2560522 807ebda3522791cf1eb49d48a09b1f5d90168ec8	no	76
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50	Non Patent Literature	1-42-Exhibit_31.pdf	2302631 773fba5deea221d60144ad9d8ab8e69a07d4bae9	no	187
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51	Non Patent Literature	1-43-Exhibit_32.pdf	128811 17d0042b76aaf799c201e6387e24be2b106de4c4	no	4
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52	Non Patent Literature	1-44-Exhibit_33.pdf	5651213 c00576bd5666323229d11390da9d07cea6ce418b	no	338
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53	Non Patent Literature	1-45-Exhibit_34.pdf	122696 74eaa2bf95a08d65f866cd682f998f9cee4ea382	no	4
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54	Non Patent Literature	1-46-Exhibit_35.pdf	2155434 555849f39e837b35d861f27767fca45d65e95f19	no	53
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55	Non Patent Literature	1-47-Exhibit_36.pdf	325255 c2fadd80ea807aabbec581a4ced9d66d9952e083	no	51
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56	Non Patent Literature	1-48-Exhibit_37.pdf	971963 cb515c686d2c4ac410e4d067f8e76c3b5131072b	no	115
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57	Non Patent Literature	1-49-Exhibit_38.pdf	877192 4699a2ce1cfea3f6733ca2b62396b3111d8f77d0	no	68
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58	Non Patent Literature	1-50-Exhibit_39.pdf	875239 ce0908b2fc0433c05392caaf6e3bbf85f7046de8	no	69
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59	Non Patent Literature	1-38-Exhibit_27.pdf	1199359 322b8068c9feedaa17efdd66480f8f9c21791446	no	197
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60	Fee Worksheet (SB06)	fee-info.pdf	30865 cf978686b88912d3e2c125abf0c7c6916f21a0ad	no	2
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	Application Number	11735477
	Filing Date	2009-04-18
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

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	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	1	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 90: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Breaking the Screen Barrier, Lars Erik Holmquist, Doctoral Dissertation, Goteborg University, Sweden (2000) in View of the New Pad++ References and Further in View of VML, (19 pages)	☐
	2	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 91: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Japanese Patent Application Publication No. Hei 5 [1993] to Wada ("Wada") in view of Zaurus and Further in View of the Pad++ references and SVG, (12 pages)	☐
	3	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 92: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for U.S. Patent No. 6,553,393 to Eilbott et al. in view of the VML References, (46 pages)	☐
	4	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 93: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for U.S. Patent No. 6,553,393 to Eilbott et al. in view of the SVG Requirements, (44 pages)	☐
	5	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 94: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for U.S. Patent No. 6,553,393 to Eilbott et al., (49 pages)	☐
	6	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 95: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for U.S. Patent No. 6,456,305 to Qureshi, (34 pages)	☐
	7	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 96: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for U.S. Patent No. 5,897,644 to Nielsen, (58 pages)	☐
	8	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 97: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for the Top Gun References, (30 pages)	☐
	9	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 98: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for U.S. Patent No. 6,553,393 for Eilbott et al. in view of the VML Specifications, (36 pages)	☐
	10	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 99: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for U.S. Patent No. 6,553,393 to Eilbott et al. in view of the SVG Requirements, (33 pages)	☐
	11	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 100: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for U.S. Patent No. 6,553,393 to Eilbott et al., (41 pages)	☐

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	Attorney Docket Number	161539-0002(P001XC)

	12	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 101: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for U.S. Patent No. 5,897,644 to Nielsen, (48 pages)	☐
	13	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 102: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for U.S. Patent No. 6,456,305 to Qureshi, (29 pages)	☐
	14	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 103: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for for the Top Gun References, (29 pages)	☐
	15	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 104: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for U.S. Patent No. 6,553,393 to Eilbott et al. in view of SVF, (33 pages)	☐
	16	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 105: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for U.S. Patent No. 6,553,393 to Eilbott et al. and SVF, (26 pages)	☐
	17	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 106: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for U.S. Patent No. 6,449,639 to Blumberg, (33 pages)	☐
	18	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 107: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for U.S. Patent No. 6,449,639 to Blumberg, (11 pages)	☐
	19	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 108: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Pad++ version 0.9b2 source code (DEFSC000003) and related references and Dr. Benjamin Bederson deposition testimony, (92 pages)	☐
	20	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 109: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Pad++ version 0.9b2 source code (DEFSC000003) and related references and Dr. Benjamin Bederson deposition testimony, (44 pages)	☐
	21	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 110: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for WEST: A Web Browser for Small Terminals, Bjork et al. (Bjork reference), (25 pages)	☐
	22	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 111: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for WEST: A Web Browser for Small Terminals, Bjork et al. (Bjork reference), (25 pages)831,926 for WEST: A Web Browser for Small Terminals, Bjork et al. (Bjork reference), (12 pages)	☐

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	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	23	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 112: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for U.S. Patent No. 6,466,203 ('203 patent), (35 pages)	☐
	24	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 113: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for U.S. Patent No. 6,466,203 ('203 patent), (12 pages)	☐
	25	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 114: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for NextStep/OpenStep, (46 pages)	☐
	26	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 114 (supplemental): Invalidity Claim Chart for U.S. Patent No. 7,461,353 for NextStep/OpenStep, (69 pages)	☐
	27	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 115: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for NextStep/OpenStep, (32 pages)	☐
	28	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 115 (supplemental): Invalidity Claim Chart for U.S. Patent No. 7,831,926 for NextStep/OpenStep, (55 pages)	☐
	29	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 116: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Mozilla, (14 pages)	☐
	30	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 116: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Mozilla/Gecko, (28 pages)	☐
	31	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 117: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Mozilla, (7 pages)	☐
	32	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 117: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Mozilla/Gecko, (16 pages)	☐
	33	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 118: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for U.S. Patent 6,724,403 ('403 patent), (98 pages)	☐

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	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	34	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 119: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for U.S. Patent No. 6,724,403 ('403 patent), (44 pages)	☐
	35	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 120: Exhibit 117: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for U.S. Patent No. 6,133,916 ('916 patent), (71 pages)	☐
	36	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 121: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for No. 6,133,916 ('916 patent), (42 pages)	☐
	37	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 122: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Portable Document Format Reference Manual, version 1.2 ("Adobe PDF"), (526 pages)	☐
	38	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 123: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Portable Document Format Reference Manual, version 1.2 ("Adobe PDF"), (342 pages)	☐
	39	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 124: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Anwar, U.S. Patent No. 7,055,095, (118 pages)	☐
	40	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 125: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Anwar, U.S. Patent No. 7,055,095, (64 pages)	☐
	41	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 126: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Openpix, (13 pages)	☐
	42	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 127: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Openpix, (7 pages)	☐
	43	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 128: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Obviousness References, (107 pages)	☐
	44	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 129: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Obviousness References, (107 pages)	☐

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	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	45	Defendants Samsung Electronic So., Ltd.'s, Samsung Electronics America, Inc.'s and Samsung Telecommunications America, LLC's First Supplemental Objections and Responses to Plaintiff Softview LLC's First Set of Individual Interrogatories (as to Nos. 1-2), 18 pages	☐
	46	KAMBA, T., BHARAT, K., ALBERS, M., "The Krakatoa Chronicle-An Interactive, Personalized Newspaper on the Web, Proc. 4th Int'l WWW Conference, Dec. 11-14, 1995 (http://www.w3.org/Conferences/WWW4/Papers/93/) ("Krakatoa-1"); printed version appears in World Wide Web Journal: Fourth Int'l World Wide Web Conference, Con. Proc., Dec. 11-14, 1995 (O'Reilly & Assocs., Inc.), pp. 159-170	☐
	47	KAMBA, T., BHARAT K., "An interactive personalized newspaper on the WWW", SPIE Proceedings Vol. 2667, Georgia Institute of Technology, Atlanta, GA, Multimedia Computing and Networking 1996, Springer, pp. 290-301 ("Krakatoa-2")	☐
	48	BHARAT, K., KAMBA, T., ALBERS, M., "Personalized, Interactive News on the Web, Georgia Institute of Technology, Atlanta, GA,, 6 Multimedia Systems, Springer Publishing, pp. 349-358, September 1998 (Krakatoa-3)	☐
	49	OSSANNA, J., KERNIGHAN, B., "Troff User's Manual", Computing Science Technical Report No. 54, AT&T Bell Laboratories, 1992 ("Troff"), 37 pages	☐
	50	HOLMQUIST, Lars Erik, "Breaking the Screen Barrier," Doctoral Dissertation, Gothenburg Studies in Informatics, Sweden, Report 16, May 2000, ISSN 1400-741X, 152 pages	☐

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	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

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Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

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Signature	/Babak Redjaian/	Date (YYYY-MM-DD)	2013-06-03
Name/Print	Babak Redjaian	Registration Number	42096

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EFS ID:	15933462
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	METHOD, APPARATUS, AND BROWSER TO SUPPORT FULL-PAGE WEB BROWSING ON HAND-HELD WIRELESS DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	29000
Filer:	Babak Redjaian/Susan Langworthy
Filer Authorized By:	Babak Redjaian
Attorney Docket Number:	161539-P001XC
Receipt Date:	03-JUN-2013
Filing Date:	15-APR-2007
Time Stamp:	18:50:40
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	477_updated_IDS_3.pdf	614406 8d0fd5ab8c55771e2a2df63dfc144709afec6c71	no	8
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11	Non Patent Literature	3-10-Exhibit_99.pdf	189000 5a15c90f83fe7bd3358e5e5337b3a5e7d979f670	no	33
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	Application Number	11735477
	Filing Date	2009-04-18
	First Named Inventor	Gary Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2009-04-18
	First Named Inventor	Gary Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	1	Postscript Language Reference Manual, 2nd ed., Adobe Systems Incorporated, Addison-Wesley Publishing, 1990 (Postcript 2d), 774 pgs.	☐
	2	Postscript Language Reference Manual, 3rd ed., Adobe Systems Incorporated, Addison-Wesley Publishing,1990 (Postcript 3d), 912 pgs.	☐
	3	CHAWATHE, Y. et al., "A Proxy Architecture for Reliable Multicast in Heterogeneous Environments," in Proceedings of ACM Multimedia '98 (1998) ("Chawathe 1")	☐
	4	CHAWATHE and BREWER, "System Support for Scalable and Fault Tolerant Internet Services," Distributed Systems Engineering 6.1, The British Computer Society, Inst. of Electrical Engineers and Inst. of Physics Publishing (1999): 23 ("Chawathe 2")	☐
	5	FOX, A. et al., "Adapting to Network and Client Variation Using Infrastructural Proxies: Lessons and Proxies," IEEE Personal Communications Special Issue: Adapting to Network and Client Variability 5(4) (August 1998) ("Fox 2")	☐
	6	BIENZ, Tim et al., "Portable Document Format Reference Manual," version 1.2, Adobe Systems Incorporated (November 12, 1996), 394 pgs.	☐
	7	Business Wire, "HP Unveils Seven OpenPix Products, Dramatic Enhancements to ImageIgniter Software; HP Now Offers the Most Complete Range of Internet Imaging Products and Services," Gale Group, Business Wire, Dec. 15, 1998	☐
	8	BEDERSON, Benajim B. et al., "A Zooming Web Browser" SPIE pp. 1-12, University of New Mexico, Albuquerque, NM (1996), available at http://www.cs.umd.edu/hcil/jazz/learn/papers/spie-96-webbrowser.pdf, 12 pgs.	☐
	9	BOYE, Janus, "SVG Brings Fast Vector Graphics to Web," irt.org, Home Articles FAQs XREF Game Software Instant Books BBS About FOLDOC RFCs Feedback Sitemap (July 29, 1999), available at http://www.irt.org/articles/js176/, 8 pgs. (printed on 5/29/2013).	☐
	10	MULDER, Steve, "Sneak Peak at SVG," webmonkey-The Web Developer's Resource, Wired Digital Inc., a Lycos Network site (Mar. 4, 1999), 9 pgs. (printed on 5/29/2013)	☐
	11	WORLD WIDE WEB CONSORTIUM, Scalable Vector Graphics (SVG) 1.0 Specification, W3C Candidate Recommendation (Nov. 2, 2000), 513 pgs.	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2009-04-18
	First Named Inventor	Gary Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	12	Introduction to SVG, part of WD-SVG-19990211, 1999, 3 pgs. (printed on 5/29/2013), available at http://www.w3.org/TR/1999/WD-SVG-19990211/intro.html#Document, .	☐
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	19	"NeXTSTEP," Wikipedia, the free encyclopedia, 7 pgs. (printed on 4/4/2013), available at http://en.wikipedia.org/wiki/NeXTSTEP.	☐
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2009-04-18
	First Named Inventor	Gary Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

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	31	Lie, Hakon Wium et al., "Chapter 20: The CSS saga," Cascading Style Sheets, designing for the Web, 1999, 4 pgs. (printed on 4/5/2013).	☐
	32	"Netsurfer(tm) for OPENSTEP," Netsurfer(tm) Product Information, January 26, 1997, 1 pg. (pritned on 4/4/2013).	☐
	33	"Netkit(tm) Web Development Platform," Netkit(tm) Product Information, January 26, 1997, 2 pgs. (printed on 4/4/2013).	☐

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Signature	/Babak Redjaian/	Date (YYYY-MM-DD)	2013-06-04
Name/Print	Babak Redjaian	Registration Number	42096

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EFS ID:	15944826
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	METHOD, APPARATUS, AND BROWSER TO SUPPORT FULL-PAGE WEB BROWSING ON HAND-HELD WIRELESS DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	29000
Filer:	Babak Redjaian/Susan Langworthy
Filer Authorized By:	Babak Redjaian
Attorney Docket Number:	161539-P001XC
Receipt Date:	04-JUN-2013
Filing Date:	15-APR-2007
Time Stamp:	20:09:55
Application Type:	Utility under 35 USC 111(a)

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	5	MicroTouch, "TouchWare for Windows NT, User's Guide," Document No. 19-217, Version 2.2, MicroTouch Systems, Inc., 1996, 1998, 144 pages	☐

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Signature	/Babak Redjaian/	Date (YYYY-MM-DD)	2013-06-05
Name/Print	Babak Redjaian	Registration Number	42096

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Electronic Acknowledgement Receipt	
EFS ID:	15970920
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	METHOD, APPARATUS, AND BROWSER TO SUPPORT FULL-PAGE WEB BROWSING ON HAND-HELD WIRELESS DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	29000
Filer:	Babak Redjaian/Susan Langworthy
Filer Authorized By:	Babak Redjaian
Attorney Docket Number:	161539-P001XC
Receipt Date:	06-JUN-2013
Filing Date:	15-APR-2007
Time Stamp:	19:52:14
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

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1	Information Disclosure Statement (IDS) Form (SB08)	updated_IDS-5.pdf	612560 30ff719056151fdb266b7223bc10bffb3c50be83	no	4
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(Not for submission under 37 CFR 1.99)

Application Number	11735477
Filing Date	2007-04-15
First Named Inventor	Gary B. Rohrabaugh
Art Unit	2177
Examiner Name	Quoc A. Tran
Attorney Docket Number	161539-P001XC

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	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

	1	Michael J. ALBERS et al., "User Web Browsing Characteristics Using Palm Handhelds for Information Retrieval," 2000, p. 125-135.	☐
	2	Matt JONES et al., "Improving Web Interaction on Small Displays," 1999, p. 1-11.	☐
	3	Geoffrey M. VOELKER et al.: "An Information System for a Mobile Wireless Computing Environment," 1994, p. 1-6.	☐
	4	Terri WATSON, "Application Design for Wireless Computing," December 1994, p. 91-94.	☐
	5	Timothy BICKMORE et al., "Web Page Filtering and Re-Authoring for Mobile Users," 1999, The Computer Journal, vol. 42, no. 6, p. 534-546.	☐
	6	Softview's Motion to Dismiss & Strike Apple's and AT&T Mobility LLC's Inequitable Conduct Defenses dated January 24, 2011, p. 1-9.	☐
	7	Apple's Opposition to Softview's Motion to Dismiss dated February 7, 2011, p. 1-14.	☐
	8	Stefan GESSLER et al., "PDAs as Mobile WWW Browsers," Dec. 1995, University of Karlsruhe, p. 1-11.	☐
	9	"Nokia Unveils World's First All-in-One Communicator for the Americas," ("Nokia"), September 19, 1996, Nokia, p. 1.	☐
	10	"3Com Announces the Palm VII Connected Organizer, the First Handheld Solution for Out-of-the-Box Wireless Internet Access," ("Palm"), December 2, 1998, Palm Computing, Inc., p. 1-5.	☐
	11	"Apple Outlines Plethora of Newton Wireless Communications Solutions at MessagePad 120 Launch," ("Newton"), January 30, 1995, Apple Computer, Inc., p. 1-4.	☐

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	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

	12	Benjamin B. BEDERSON & James D. HOLLAN, "Pad++: A Zoomable Graphical Interface System," ("Bederson-1"), May 1995, ACM, CHI '95 Mosaic of Creativity, p. 23-24.	☐
	13	George W. FURNAS & Benjamin B. BEDERSON, "Space-Scale Diagrams: Understanding Multiscale Interfaces," ("Bederson-2"), May 1995, ACM Press, Proceedings of CHI '05 Human Factors in Computing Systems, p. 1-12.	☐
	14	Ben BEDERSON & Jon MEYER, "Implementing a Zooming User Interface: Experience Building Pad+ +" ("Bederson-4"), August 1998, John Wiley & Sons, Ltd, Software-Practice and Experience, vol. 28(10), p. 1101-1135.	☐
	15	Tim BRAY, "XML in XML," ("Bray"), March 18, 1999, XML.com, p. 1-6.	☐
	16	Kaoru MISAKI, "Locatio Beginner's Guide," (and English translation thereof) ("Locatio"), July 30, 1999, Cutt Systems, p. 1-179.	☐
	17	Kevin MCCLUSKEY, "Mozilla, Widget Library," July 10, 2005, p. 1-5.	☐
	18	Rick POTTS, "Mozilla, NGLayout Embedding APIs," Last modified Mar. 9, 1999, p. 1-12.	☐
	19	Michael PLITKINS, "Mozilla, View System," Last modified Jan. 14, 1999, p. 1-4.	☐
	20	(Author Unknown), "Mozilla, Threading Model," Last modified Oct. 29, 1998, p. 1-3.	☐
	21	Rick GESSNER, "Mozilla, HTML Tag Handling Chart," Last modified Oct. 23, 1998, p. 1-9.	☐
	22	Chris WATERSON, "Gecko Overview," June 10, 2002, p. 1-36.	☐

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	23	Mike SHAVER, Michael ANG, "Inside the Lizard: A Look at the Mozilla Technology and Architecture," May 29, 2000, p. 1-6.	☐
	24	Kipp HICKMAN, "Mozilla, Base Library Roadmap," Last modified July 15, 1998, p. 1-2.	☐
	25	Kipp HICKMAN, "Mozilla, The Content Model," Last modified July 15, 1998, p. 1-3.	☐
	26	Vidur APPARAO, Tom PIXLEY, "Mozilla, The NGLayout Document Object Model (DOM) Roadmap," Last modified May 26, 2001, p. 1-12.	☐
	27	Chris KARNAZE, "Mozilla, Forms," Last modified Jan. 14, 1999, p. 1-4.	☐
	28	Troy CHEVALIER et al., "Mozilla, New Layout: HTML Layout," Last modified July 20, 1998, p. 1-7.	☐
	29	(Author Unknown), "Mozilla, Layout Engine Technical Documentation," Last modified Apr. 4, 2008, p. 1-3.	☐
	30	James EVERINGHAM, "Mozilla, BAM Roadmap," Last modified July 15, 1998, p. 1-6.	☐
	31	Rick GESSNER, "Mozilla, Parsing Engine," Last modified July 15, 1998, p. 1-5.	☐
	32	Michael PLITKINS, "Mozilla, Java and Plugins," Last modified Jan. 14, 1999, p. 1-3.	☐
	33	Michael PLITKINS, "Mozilla, Printing," Last modified Jan. 14, 1999, p. 1-2.	☐

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	34	Michael PLITKINS, "Mozilla, Redering," Last modified Jan. 14, 1999, p. 1-6.	☐
	35	Peter LINSS, "Mozilla, Style System," Last modified July 15, 1998, p. 1-5.	☐
	36	Provisional U.S. Application No. 60/288,287	☐
	37	Provisional U.S. Application No. 60/159,069 to Chithambaram et al. (1999-10-12), p. 1-30.	☐
	38	Provisional U.S. Application No. 60/193,862 to Chithambaram et al. (2000-03-30), (entire range, 32 pgs.)	☐
	39	Non-Final Office Action for US Application No. 09/828,511, mailed March 22, 2004 (not publicly available)	☐
	40	Notice of Allowance for US Application No. 11/738,486, issued June 9, 2010 (Notice of Allowability pgs. 2-30)	☐
	41	US App. No. 11/738,486: Applicants' Comments on Reasons for Allowance, filed September 9, 2010 (entire range, 63 pgs.)	☐
	42	Notice of Allowance for US Application 11/738,932, issued June 10, 2010 (Notice of Allowability pgs. 2-3)	☐
	43	Non-Final Office Action for US Application No. 11/735,482, mailed April 27, 2010 (8 pgs.)	☐
	44	Notice of Allowance for US Application 11/735,482 issued October 4, 2010 (Notice of Allowability, pgs. 2-34)	☐

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	Filing Date	2007-04-15
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

	45	US App No. 11/735,482 Applicants' Comments on Reason for Allowance, filed October 8, 2010 (entire range, 8 pgs.)	☐
	46	SoftView Motion for Leave to Amend Complaint, SoftView LLC v Apple Inc et al., filed November 10, 2010 SoftView LLC v Apple Inc et al., Case No. 1:10-dv-00389-JJF-LPS, Paper 131, 2 pgs.	☐
	47	Defendant Apple Corporation Answer to Complaint (Revised), filed August 18, 2010 SoftView LLC v Apple Inc et al., Case No. 1:10-dv-00389-JJF-LPS, Doc. 16-1, 10 pgs.	☐
	48	Defendant AT&T Corporation Answer to Complaint (Revised), filed July 12, 2010 SoftView LLC v Apple Inc et al., Case No. 1:10-dv-00389-JJF-LPS, Doc. 13, 10 pgs.	☐
	49	SoftView LLC Reply to Apple's Answer (Revised), filed August 18, 2010 SoftView LLC v Apple Inc et al., Case No. 1:10-dv-00389-JJF-LPS, Doc. 16-2, 5 pgs.	☐
	50	U.S. Provisional Application 60/203,494 to Charles Chui (2000-05-11) (entire range, 20 pgs.)	☐

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	Filing Date	2007-04-15
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

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☒ A certification statement is not submitted herewith.

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Signature	/Babak Redjaian/	Date (YYYY-MM-DD)	2013-06-07
Name/Print	Babak Redjaian	Registration Number	42096

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EFS ID:	15983509
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	METHOD, APPARATUS, AND BROWSER TO SUPPORT FULL-PAGE WEB BROWSING ON HAND-HELD WIRELESS DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	29000
Filer:	Babak Redjaian
Filer Authorized By:	
Attorney Docket Number:	161539-P001XC
Receipt Date:	07-JUN-2013
Filing Date:	15-APR-2007
Time Stamp:	17:11:26
Application Type:	Utility under 35 USC 111(a)

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Submitted with Payment	no

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant :	Gary B. Rohrabaugh	Art Unit :	2177
		Examiner :	Quoc A. Tran
Serial No :	11/735,477		
Filed :	April 15, 2007	Conf. No. :	2104
Title :	METHOD, APPARATUS, AND BROWSER TO SUPPORT FULL-PAGE WEB BROWSING ON HAND-HELD WIRELESS DEVICES		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUBMISSION PURSUANT TO 37 C.F.R. § 1.97(F) TO COMPLY WITH INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.98

The Office Actions of April 5, 2013; December 2, 2011; and March 1, 2011 noted certain technical issues with the Applicant's Information Disclosure Statements previously submitted to the Examiner. In particular, the Examiner objected to a failure to identify relevant pages of the submitted publications.

The Applicant hereby re-submits an Information Disclosure Statement form (form PTO/SB/08), addressing the technical issues, pursuant to 37 CFR § 1.97(f). In particular, the Applicant hereby re-submits an Information Disclosure Statement form that lists the references crossed out by the Examiner, adding the relevant pages of the publications.

This submission is proper because the Applicant made a bona fide attempt to comply with the content requirements of 37 CFR § 1.98, but the part of the required content was inadvertently omitted. This submission includes the inadvertently omitted content. *See* 37 CFR 1.97(f) ("If a bona fide attempt is made to comply with § 1.98, but part of the required content is inadvertently omitted, additional time may be given to enable full compliance."). Applicant respectfully requests that the Examiner consider the references cited in the attached IDS form.

Since the Examiner indicated that the "information disclosure statements have been placed in the application file," the Applicant will not re-submit the references again. However,

CERTIFICATE OF TRANSMISSION
I hereby certify that this paper (along with any referred to as being attached or enclosed) is being transmitted via electronic filing (EFS-WEB) on June 7, 2013. /Susan M. Langworthy/

the Applicant will be happy to provide such references upon request. The Examiner is invited to contact the undersigned if additional copies of the references are needed.

The Commissioner is hereby authorized and requested to charge any deficiency or credit any overpayment to Deposit Account 09-0946.

Respectfully submitted,

Date: June 7, 2013

/Babak Redjaian/
Babak Redjaian
Reg. No. 42,096

Irell & Manella LLP
1800 Avenue of the Stars
Los Angeles, CA 90067
Telephone: (949) 760-0991
Facsimile: (310) 556-5384

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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NOTICE OF ALLOWANCE AND FEE(S) DUE

29000 7590 07/31/2013
IRELL & MANELLA LLP
1800 AVENUE OF THE STARS
SUITE 900
LOS ANGELES, CA 90067

EXAMINER
TRAN, QUOC A

ART UNIT	PAPER NUMBER
2177	

DATE MAILED: 07/31/2013

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/735,477	04/15/2007	Gary B. Rohrabaugh	161539-P001XC	2104

TITLE OF INVENTION: METHOD, APPARATUS, AND BROWSER TO SUPPORT FULL-PAGE WEB BROWSING ON HAND-HELD WIRELESS DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$890	$300	$0	$1190	10/31/2013

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

29000 7590 07/31/2013
IRELL & MANELLA LLP
1800 AVENUE OF THE STARS
SUITE 900
LOS ANGELES, CA 90067

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/735,477	04/15/2007	Gary B. Rohrabaugh	161539-P001XC	2104

TITLE OF INVENTION: METHOD, APPARATUS, AND BROWSER TO SUPPORT FULL-PAGE WEB BROWSING ON HAND-HELD WIRELESS DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$890	$300	$0	$1190	10/31/2013

EXAMINER	ART UNIT	CLASS-SUBCLASS
TRAN, QUOC A	2177	715-815000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
- ❑ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ❑ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
1 _____
2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ❑ Individual ❑ Corporation or other private group entity ❑ Government

4a. The following fee(s) are submitted:
- ❑ Issue Fee
- ❑ Publication Fee (No small entity discount permitted)
- ❑ Advance Order - # of Copies _____

4b. Payment of Fee(s): **(Please first reapply any previously paid issue fee shown above)**
- ❑ A check is enclosed.
- ❑ Payment by credit card. Form PTO-2038 is attached.
- ❑ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

❑ Applicant certifying micro entity status. See 37 CFR 1.29

NOTE: Absent a valid certification of Micro Entity Status (see form PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

❑ Applicant asserting small entity status. See 37 CFR 1.27

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

❑ Applicant changing to regular undiscounted fee status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/735,477	04/15/2007	Gary B. Rohrabaugh	161539-P001XC	2104

29000 7590 07/31/2013

IRELL & MANELLA LLP
1800 AVENUE OF THE STARS
SUITE 900
LOS ANGELES, CA 90067

EXAMINER	
TRAN, QUOC A	
ART UNIT	PAPER NUMBER
2177	

DATE MAILED: 07/31/2013

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 698 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 698 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 11/735,477	Applicant(s) ROHRABAUGH ET AL.	
	Examiner QUOC A. TRAN	Art Unit 2177	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *Applicant's RCE and IDSs filed 05/31/2013*.
   ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on_____.
2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. ☒ The allowed claim(s) is/are *233-269 (renumbering as 1-37 respectively)*. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov .
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   Certified copies:

   a) ☐ All b) ☐ Some *c) ☐ None of the:
   1. ☐ Certified copies of the priority documents have been received.
   2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
   3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☒ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 06/07/13, 06/06/13,06/04/13,06/03/13,05/31/13 and 05/31/13
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
4. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
5. ☐ Examiner's Amendment/Comment
6. ☐ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/CESAR B PAULA/
Supervisory Patent Examiner, Art Unit 2177

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2177

CPC		
Symbol	**Type**	**Version**
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CPC Combination Sets				
Symbol	**Type**	**Set**	**Ranking**	**Version**
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/				

/QUOC A TRAN/ Examiner.Art Unit 2177 (Assistant Examiner)	06/29/2013 (Date)	**Total Claims Allowed:** 37	
/CESAR PAULA/ Supervisory Patent Examiner.Art Unit 2177 (Primary Examiner)	07/29/2013 (Date)	O.G. Print Claim(s) 233	O.G. Print Figure 6

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2177

US ORIGINAL CLASSIFICATION		INTERNATIONAL CLASSIFICATION									
CLASS	SUBCLASS	CLAIMED					NON-CLAIMED				
715	815	G	0	6	F	17 / 00 (2006.01.01)	G	0	6	F	17 / 00 (2006.01.01)

CROSS REFERENCE(S)					
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
853	760	200	238		

/QUOC A TRAN/ Examiner.Art Unit 2177	06/29/2013	**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	37	
/CESAR PAULA/ Supervisory Patent Examiner.Art Unit 2177	07/29/2013	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	233	6

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2177

☐ Claims renumbered in the same order as presented by applicant ☒ CPA ☐ T.D. ☐ R.1.47

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
	1		37		73		109		145		181		217	21	253
	2		38		74		110		146		182		218	22	254
	3		39		75		111		147		183		219	23	255
	4		40		76		112		148		184		220	24	256
	5		41		77		113		149		185		221	25	257
	6		42		78		114		150		186		222	26	258
	7		43		79		115		151		187		223	27	259
	8		44		80		116		152		188		224	28	260
	9		45		81		117		153		189		225	29	261
	10		46		82		118		154		190		226	30	262
	11		47		83		119		155		191		227	31	263
	12		48		84		120		156		192		228	32	264
	13		49		85		121		157		193		229	33	265
	14		50		86		122		158		194		230	34	266
	15		51		87		123		159		195		231	35	267
	16		52		88		124		160		196		232	36	268
	17		53		89		125		161		197	1	233	37	269
	18		54		90		126		162		198	2	234		
	19		55		91		127		163		199	3	235		
	20		56		92		128		164		200	4	236		
	21		57		93		129		165		201	5	237		
	22		58		94		130		166		202	6	238		
	23		59		95		131		167		203	7	239		
	24		60		96		132		168		204	8	240		
	25		61		97		133		169		205	9	241		
	26		62		98		134		170		206	10	242		
	27		63		99		135		171		207	11	243		
	28		64		100		136		172		208	12	244		
	29		65		101		137		173		209	13	245		
	30		66		102		138		174		210	14	246		
	31		67		103		139		175		211	15	247		
	32		68		104		140		176		212	16	248		
	33		69		105		141		177		213	17	249		
	34		70		106		142		178		214	18	250		
	35		71		107		143		179		215	19	251		
	36		72		108		144		180		216	20	252		

/QUOC A TRAN/ Examiner.Art Unit 2177 (Assistant Examiner)	06/29/2013 (Date)	**Total Claims Allowed:** 37	
/CESAR PAULA/ Supervisory Patent Examiner.Art Unit 2177 (Primary Examiner)	07/29/2013 (Date)	O.G. Print Claim(s) 233	O.G. Print Figure 6

PTO/SB/08a (01-10)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	11735477
Filing Date	2007-04-15
First Named Inventor	Gary B. Rohrabaugh
Art Unit	2177
Examiner Name	Quoc A. Tran
Attorney Docket Number	161539-P001XC

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
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Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							☐

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NON-PATENT LITERATURE DOCUMENTS Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /Q.T./

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC

	1	"3.10 WWW Browser," The NEXTSTEP/OpenStep FAQ, 1 pg. (printed on 4/5/2013), available at http://famkoplien.de/henry/NeXT/NeXTFAQ/NeXTFAQ.038.html.	☐
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SG Eick, MA Eick, J Fugitt, B Horst... - ..., 2007. VAST 2007. ..., 2007 - ieeexplore.ieee.org
... they had a plug-in that supported **SVG** otherwise, the thinc **Graphics** classes would fall ... of abstraction and make it much easier for the developer to use native **vector graphics** in their ... By off-loading this processing to the server, the **mobile device** resources were conserved and the ...
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[PDF] A novel navigation and transmission technique for **mobile** handheld devices [PDF] from ucdavis.edu
HM Chen, R Maheswaran - ... Memory", in D. Coleman (Ed.) Proceeding ..., 2003 - cs.ucdavis.edu
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... 58 Testing with Devices 61 Validation 64 BEYOND SIMPLE XHTML PAGES 67 Messaging 67 Java ME 70 **SVG** 75 Flash ... Further, what separates design from art is that design "is meant to be ... functional."6 In a practical ... Consider how you access content on your **mobile device**. ...
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A Neumann - ISPRS Workshop Tools and Techniques for E-Learning ..., 2005 - carto.net
... Many OS **vector graphics** or layout software projects support **SVG** for import and export. ... **SVG** is now also natively supported by the Opera and Mozilla **mobile** versions. Finally, most of the **mobile** phone vendors, such as Nokia, Motorola, etc. actively support **SVG**. ...
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Web mapping and **web** cartography
A Neumann - Springer Handbook of Geographic Information, 2012 - Springer

... Another popular plug-in is Adobe Flash (former Macromedia), providing **vector graphics**, animation, and multimedia support. ... Like **SVG** and **HTML** it is based on XML ... but rather as a development platform for Windows personal computers (PCs) and Windows-based **mobile** phones ...
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Context-aware **web** content adaptation for **mobile** user agents
T Laakko - Evolution of the Web in Artificial Intelligence ..., 2008 - Springer
... **Scalable** encoding formats need only to be encoded once to suit a variety of characteristics. ... Content **authoring** is considered in more detail in Section 4.7. ... the adaptation process may select one particular variant as the most appropriate for a particular **mobile device** according to ...
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... and in two developed WMS viewer prototypes, one for ordinary browsers, another for **mobile** devices based ... be ported to any smartphone (or even legacy phone) as long as the phone is Java ... During development and testing process, it has been proven that **SVG** is well suited for ...
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Filing Date	2007-04-15
First Named Inventor	Gary B. Rohrabaugh
Art Unit	2177
Examiner Name	Quoc A. Tran
Attorney Docket Number	161539-P001XC

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	Attorney Docket Number	161539-P001XC

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R Gonzalez - US Patent App. 10/438,558, 2002 - Google Patents
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K Zhang, J Kong, M Qiu, GL Song - Multimedia systems, 2005 - Springer
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G Fox - 2001 - Citeseer
... In particular A has no need to use the same display **device** as B; B could be a ... to define standards for productivity tools; WML is potentially important for content aimed at wireless devices. ... **HTML** is not **scalable** as different browsers can lay out the same **page** in different ways that ...
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... **Vector graphics** are becoming increasingly important at the turnof this decade, now thatthe World Wide ... to conform to the **SVG** specification, as the attractiveness of **scalable**, high definition ... This is whya nonproprietary **authoring** tool such as Inkscape isimportantitisa professional ...
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... PHONE CALLBACK IE VOIP C HAT 1m \—/V CUSTOMER OR CHANNE1L52PARTNER ... PRODUCT ACCESSORIES - OPTIONS PER PART B < S **GRAPHIC** DOCUMENTS CONFIGURATION ... LINK svo MAX DISPLAY ORDER TYPICAL DISPLAYABLE **SVG** PICTURE ...
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R Billen, E Joao, D Forrest - 2010 - books.google.com
... Other areas of research are GIS, **Web** mapping and environmental management ... In 2003 he co-**authored** the book Internet GIS with Dr. Zhong-Ren Peng from ... Link Trilateration A-GPS assisted GPS ALI Automatic Location Information AMPS Advanced **Mobile** Phone System AOA ...
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L Sundin - 2012 - miun.diva-portal.org
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L2	625	(pda mobile handheld smartphone) same (scal$3 zoom$3 pan$4) same multiple same level	US-PGPUB; USPAT; UPAD	OR	ON	2013/06/30 00:09
L3	418	2 & ((parameter (bounding same box) croft$3 area portion housing square ractangular) same (scal$3 pan$4 zoom$3))	US-PGPUB; USPAT; UPAD	OR	ON	2013/06/30 00:10
L4	4	3 & ((scal$3 same (factor level)) same (html same (fumction$5 hyperlink url)))	US-PGPUB; USPAT; UPAD	OR	ON	2013/06/30 00:10
L5	150	2 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; UPAD	OR	ON	2013/06/30 00:11
L6	12	5 & (zoom$3 same ((pda mobile handheld smartphone) same browser))	US-PGPUB; USPAT; UPAD	OR	ON	2013/06/30 00:11
L7	9	5 & ((scalable scaling) same vector same graphic)	US-PGPUB; USPAT; UPAD	OR	ON	2013/06/30 00:11

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	Title	Author	Pub Date	Call Number
1.	Mobile device game development	Crooks, Clayton E.	c2005.	e-book
2.	Mobile displays : technology and applications /	Bhowmik, Achintya K.	c2008.	TK7872.L56 M63 2008
3.	Mobile disruption the technologies and applications driving the mobile Internet /	Funk, Jeffrey L.	c2004.	e-book
4.	Mobile DNA /	Berg, Douglas E.	c1989.	QH452.3 M63 1989
5.	Mobile DNA finding treasure in junk /	Kazazian, Haig H.	c2011.	e-book
6.	Mobile electronic retailer		1998.	e-journal
7.	Mobile enterprise transition and management	Unhelkar, Bhuvan.	c2009.	e-book
8.	Mobile Entity Localization and Tracking in GPS-less Environments Second International Workshop, MELT 2009, Orlando, FL, USA, September 30, 2009. Proceedings /	Fuller, Richard.	2009.	e-book
9.	Mobile fading channels	Pätzold, Matthias, professor of mobile communications.	c2002.	e-book
10.	Mobile first	Wroblewski, Luke.	c2011.	e-book

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	11735477
Filing Date	2009-04-18
First Named Inventor	Gary B. Rohrabaugh
Art Unit	2177
Examiner Name	Quoc A. Tran
Attorney Docket Number	161539-0002(P001XC)

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	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	1	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 40: Defendants' claim chart for the '926 patent for the New Pad++ References in View of Locatio, (69 pages)	☐
	2	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 41: Defendants' claim chart for the '926 patent for the New Pad++ References and the SVF References, (142 pages)	☐
	3	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 42: Defendants' claim chart for the '926 patent for the New Pad++ References, (73 pages)	☐
	4	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 43: Defendants' claim chart for the '926 patent for the New Pad++ References and the SVF References in View of Newton, (91 pages)	☐
	5	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 44: Defendants' claim chart for the '926 patent for the New Pad++ References and the SVF References in View of Locatio, (86 pages)	☐
	6	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 45: Defendants' claim chart for the '926 patent for Japanese Application Publication H10-326169 and SVF References, (71 pages)	☐
	7	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 46: Defendants' claim chart for the '926 patent for Japanese Application Publication H10-326169 and SVF References in View of Locatio, (147 pages)	☐
	8	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 47: Defendants' claim chart for the '926 patent for Japanese Application Publication H10-326169 and SVF References in View of the New Pad++, (11 pages)	☐
	9	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 48: Defendants' claim chart for the '926 patent for Japanese Application Publication H10-326169 and SVF References in View of Fox, (4 pages)	☐
	10	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 49: Defendants' claim chart for the '926 patent for Pad++ References and VML, (126 pages)	☐
	11	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 50: Defendants' claim chart for the '926 patent for the New Pad++ References and VML in View of Nokia and Palm, (71 pages)	☐

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	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	12	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 51: Defendants' claim chart for the '926 patent for for the New Pad++ References and VML in View of Newton, (82 pages)	☐
	13	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 52: Defendants' claim chart for the '926 patent for for the New Pad++ References and VML in View of Locatio, (82 pages)	☐
	14	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 53: Defendants' claim chart for the '926 patent for Japanese Application Publication H10-326169 and VML, (12 pages)	☐
	15	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 54: Defendants' claim chart for the '926 patent for Japanese Application Publication H10-326169 and VML in View of Locatio, (91 pages)	☐
	16	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 55: Defendants' claim chart for the '926 patent for Japanese Application Publication H10-326169 and VML in View of New Pad++ References, (10 pages)	☐
	17	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 56: Defendants' claim chart for the '926 patent for the Pad++ References, (29 pages)	☐
	18	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 57: Defendants' claim chart for the '926 patent for the Pad++ References in View of Nokia and in Further View of Palm, (32 pages)	☐
	19	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 58: Defendants' claim chart for the '926 patent for the Pad++ References in View of Newton, (33 pages)	☐
	20	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 59: Defendants' claim chart for the '926 patent for the Pad++ References in View of Locatio, (33 pages)	☐
	21	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 60: Defendants' claim chart for the '926 patent for Japanese Application Publication H10-326169, (117 pages)	☐
	22	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 61: Defendants' claim chart for the '926 patent for Japanese Application Publication H10-326169 in View of Locatio, (199 pages)	☐

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	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	23	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 62: Defendants' claim chart for the '926 patent for Japanese Application Publication H10-326169 in View of the Pad++ References, (4 pages)	☐
	24	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Defendants' Supplemental Exhibit A to Invalidity Interrogatory AnswersExhibit 63: Defendants' claim chart for the '926 patent for Japanese Application Publication H10-326169 in View of Fox, (3 pages)	☐
	25	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 64: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for claims 52, 55, and 75 of U.S. pub. No. 2002/0091738 (the "Published '097 Application") (3 pgs)	☐
	26	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 65: Defendant's Invalidity Claim Chart for the '353 Patent for Zaurus in View of Pad++, (52 pages)	☐
	27	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 66: Defendant's Invalidity Claim Chart for the '926 Patent for Zaurus in View of Pad++, (79 pages)	☐
	28	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 67: Request for Inter Partes Reexamination of U.S. Patent 7,461,353, filed May 20, 2011 (112 pages)	☐
	29	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 68: Request for Inter Partes Reexamination of U.S. Patent 7,831,926, filed May 20, 2011 (130 pages)	☐
	30	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 69: Petition under 37 CFR 1.927 and 1.181 for Supervisory Review of Refusal to Order Reexamination for Claims 5, 23-27, 33, 43, 58-61, 84, 122, 137-141, 147, 156, 174-177, 183, 220, 238-242, 248, 259, 274-277, and 283 of U.S. Patent No. 7,461,353, filed September 8, 2011 (15 pages)	☐
	31	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 70: Petition under 37 CFR 1.927 and 1.181 for Supervisory Review of Refusal to Order Reexamination for Claims 1-51, 59, 69 and 72 of Patent No. 7,831,926, filed September 8, 2011 (14 pages)	☐
	32	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 71: Third Party Requester's Comments to Office Action mailed September 30, 2011 and Patent Owner's Response Mailed December 21, 2011 pursuant to 37 CFR 1.947, (from 353 Reexam: Control No. 95/000,634) filed January 20, 2012 (321 pages)	☐
	33	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 72: Third Party Requester's Comments to Office Action mailed October 1, 2011 and Patent Owner's Response Mailed December 21, 2011 pursuant to 37 CFR 1.947, (from 926 Reexam: Control No. 95/000,635) filed January 20, 2012 (321 pages)	☐

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	Filing Date	2009-04-18
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	34	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 73: Request for Ex Parte Reexamination of U.S. Patent 7,461,353, filed April 13, 2012 (now Control No. 90/009,994)(359 pgs)	☐
	35	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 74: Request for Ex Parte Reexamination of U.S. Patent 7,831,926, filed May 29, 2012 (now Control No. 90/009,995) (687 pgs)	☐
	36	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 75: Declaration of Jack D. Grimes, Ph.D., executed April 2, 2012 and filed in Reexam Control No. 95/000,635 (5 pgs)	☐
	37	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 76: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for WO2000/28518 to Mac Innis ("Mac Innis") in View of Zaurus and Further in View of the Pad++ references and SVG, (41 pages)	☐
	38	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 77: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for WO9937095-Graphic Image Generation and Coding " '095", (14 pages)	☐
	39	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 78: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Experience with a World Wide Web Client By Joel Bartlett ("Bartlett"), (14 pages)	☐
	40	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 79: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for E.A. Bier, et al., Toolglass and Magic Lenses: The See-Through Interface ("Bier"), (52 pages)	☐
	41	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 80: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Krakatoa references, (96 pages)	☐
	42	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 81: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Japanese Laid-open Patent Publication No. 2001-022496 in View of the New Pad++ References and Further in View of VML (57 pages)	☐
	43	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 82: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Breaking the Screen Barrier, Lars Erik Holmquist, Doctoral Dissertation, Goteborg University, Sweden (2000) in View of the New Padd++ References and Further in View of VML, (35 pages)	☐
	44	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 83: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Japanese Patent Application Publication No. Hei 5 [1993]-346923 to Wada ("Wada") in View of Zaurus and Further in View of the Pad++ references and SVG, (21 pages)	☐

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	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	45	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 84: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Japanese WO2000/28518 to Mac Innis ("Mac Innis") in View of Zaurus and Further In View of the Pad++ references and SVG, (19 pages)	☐
	46	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 85: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for WO9937095-Graphic Image Generation and Coding (" '095' "), (8 pages)	☐
	47	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 86: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Experience with a World Wide Web Client By Joel Bartlett ("Bartlett"), (9 pages)	☐
	48	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 87: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for E.A. Bier, et al., Toolglass and Magic Lenses: The See-Through Interface ("Bier") (21 pages)	☐
	49	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 88: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Krakatoa references, (49 pages)	☐
	50	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 89: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Japanese Laid-open Patent Publication No. 2001-022496 in View of the New Pad++ References and Further In View of VML, (33 pages)	☐

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Attorney Docket Number	161539-0002(P001XC)

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	2	6642925		2003-11-04	Roy et al.	
	3	6133916		2000-10-17	Bukszar et al.	
	4	6553393		2003-04-22	Eilbott et al.	
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	2	2001-022496	JP		2001-01-26	Abe		☐
	3	99/37095	WO		1999-07-22	Simons		☐
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	1	BIER, Eric A. et al., "Toolglass and Magic Lenses: The See-Through Interface," Proceedings of Siggraph '93 (Anaheim, August), COMPUTER GRAPHICS ANNUAL CONFERENCE SERIES 73-80 ACM, 1993, pp. 73-80 ("Bier")	☐
	2	SoftSource Press Release, "New CAD System Works with AutoCAD Drawings Without Translation," released June 17, 1996, retrieved from: http://web.archive.org/web/1996101052917 http://softsource.com/net-news.html, 2 pages (SVF Press 1)	☐
	3	SoftSource Press Release, "Bring New CAD Viewing Power to the Internet," released March 4, 1996, retrieved from http://web.archive.org/web/1996101052917 http://softsource.com/net-news.html, 1 page (SVF Press 2)	☐

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	Examiner Name	Quoc A. Tran
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	4	KAMADA, Tomihisa, "Compact HTML for Small Information Appliances," W3C, February 9, 1998 (16 pages) http://www.w3.org/TR/1998/NOTE-compactHTML-19980209/ (PX 1014) Submitted by Petitioner's in IPRs 2013-00004, -00007, -00256, -00257	☐
	5	Second Amended Complaint filed September 30, 2011 in the case of SoftView LLC v. Apple Inc., and AT&T Mobility LLC, Case No. 10-389-LPS in the United States District Vourt for the District of Delaware (PX1018) (110 pages) Submitted by Petitioner in IPRs 2013-00004, -00007, -00256, -00257	☐
	6	Softview LLC's Responses to Motorola Mobility, Inc.'s First Set of Interrogatories (No. 1), Case 10-389-LPS (90 pages) (PX 1027) Submitted by Petitioner in IPRs 2013-00004, -00007, -00256, -00257	☐
	7	Declaration of Hidekazu Takahashi, September 25, 2012 (464 pages) (PX 1028) Submitted by Petitioner in IPRs 2013-00004, -00007, -00256, -00257	☐
	8	Declaration of Manabu Toda, September 18, 2012 (462 pages) (PX 1029) Submitted by Petitioner in IPRs 2013-00004, -00007, -00256, -00257	☐
	9	Huawei Technologies Co., Ltd and Futurewei Technologies, Inc.'s Fourth Supplemental Responses to Softview LLC's First Set of Common Interrogatories (Nos. 1-4) (10 pages)	☐
	10	Apple Inc.'s Objections and Responses to Softview LLC's First Set of Interrogatories (Nos. 1-10), Jan. 3, 2010, in the case of SoftView LLC v Apple, Inc., et al., Case No. 10-389-LPS(D.Delaware), (22 pages)	☐
	11	Huawei Technologies Co., Ltd. and Futurewei Technologies, Inc.'s Sixth Supplemental Responses to Softview LLC's First Set of Common Interrogatories (Nos. 1&2) including Supplemental Exhibits 110-113, Mar. 14, 2013, in the case of SoftView LLC v Apple, Inc., et al., Case No. 10-389-LPS(D.Delaware), (119 pages)	☐
	12	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 1: Defendants' claim chart for the '353 patent for the New Pad++ References, (228 pages)	☐
	13	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 2: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and VML, (231 pages)	☐
	14	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 3: Defendants' claim chart for the '353 patent for the New Pad++ References, (112 pages)	☐

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	15	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 4: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and VML, (205 pages)	☐
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	Attorney Docket Number	161539-0002(P001XC)

	26	Exhibit 15: Defendants' claim chart for the '353 patent for the New Pad++ References and the SVF References, (174 pages)	☐
	27	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 16: Defendants' claim chart for the '353 patent for the New Pad++ References and the SVF References, (235 pages)	☐
	28	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 17: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and the SVF References, (364 pages)	☐
	29	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 18: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and the SVF References, (75 pages)	☐
	30	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 19: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and the SVF References, (229 pages)	☐
	31	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 20: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and the SVF References, (208 pages)	☐
	32	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 21: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and the SVF References, (207 pages)	☐
	33	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 22: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and the SVF References, (259 pages)	☐
	34	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 23: Defendants' claim chart for the '353 patent for the New Pad++ References and VML, (260 pages)	☐
	35	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 24: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and the SVF References, (79 pages)	☐
	36	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 25: Defendants' claim chart for the '353 patent for the New Pad++ References and VML, (226 pages)	☐

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2009-04-18
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	37	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 26: Defendants' claim chart for the '353 patent for the New Pad++ References and VML, (197 pages)	☐
	38	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 27: Defendants' claim chart for the '353 patent for the New Pad++ References and VML, (197 pages)	☐
	39	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 28: Defendants' claim chart for the '353 patent for the New Pad++ References and VML, (275 pages)	☐
	40	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 29: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and VML, (333 pages)	☐
	41	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 30: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and VML, (76 pages)	☐
	42	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 31: Defendants' claim chart for the '353 patent for New Pad++ References, (187 pages)	☐
	43	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 32: Defendants' claim chart for the '353 patent for the Pad++ References in View of Bray, (4 pages)	☐
	44	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 33: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 (338 pages)	☐
	45	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 34: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 in view of Bray (4 pages)	☐
	46	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 35: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 in View of the Pad++ References, (53 pages)	☐
	47	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 36: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 in view of the Fox References, (51 pages)	☐

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	Attorney Docket Number	161539-0002(P001XC)

	48	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 37: Defendants' claim chart for the '353 patent for the New Pad++ References, (115 pages)	☐
	49	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 38: Defendants' claim chart for the '353 patent for the New Pad++ References in View of Nokia and in Further View of Palm, (68 pages)	☐
	50	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 39: Defendants' claim chart for the '353 patent for the New Pad++ References in View of Newton, (69 pages)	☐

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	1	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 90: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Breaking the Screen Barrier, Lars Erik Holmquist, Doctoral Dissertation, Goteborg University, Sweden (2000) in View of the New Pad++ References and Further in View of VML, (19 pages)	☐
	2	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 91: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Japanese Patent Application Publication No. Hei 5 [1993] to Wada ("Wada") in view of Zaurus and Further in View of the Pad++ references and SVG, (12 pages)	☐
	3	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 92: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for U.S. Patent No. 6,553,393 to Eilbott et al. in view of the VML References, (46 pages)	☐
	4	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 93: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for U.S. Patent No. 6,553,393 to Eilbott et al. in view of the SVG Requirements, (44 pages)	☐
	5	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 94: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for U.S. Patent No. 6,553,393 to Eilbott et al., (49 pages)	☐
	6	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 95: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for U.S. Patent No. 6,456,305 to Qureshi, (34 pages)	☐
	7	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 96: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for U.S. Patent No. 5,897,644 to Nielsen, (58 pages)	☐
	8	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 97: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for the Top Gun References, (30 pages)	☐
	9	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 98: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for U.S. Patent No. 6,553,393 for Eilbott et al. in view of the VML Specifications, (36 pages)	☐
	10	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 99: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for U.S. Patent No. 6,553,393 to Eilbott et al. in view of the SVG Requirements, (33 pages)	☐
	11	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 100: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for U.S. Patent No. 6,553,393 to Eilbott et al., (41 pages)	☐

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	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	12	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 101: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for U.S. Patent No. 5,897,644 to Nielsen, (48 pages)	☐
	13	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 102: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for U.S. Patent No. 6,456,305 to Qureshi, (29 pages)	☐
	14	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 103: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for for the Top Gun References, (29 pages)	☐
	15	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 104: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for U.S. Patent No. 6,553,393 to Eilbott et al. in view of SVF, (33 pages)	☐
	16	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 105: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for U.S. Patent No. 6,553,393 to Eilbott et al. and SVF, (26 pages)	☐
	17	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 106: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for U.S. Patent No. 6,449,639 to Blumberg, (33 pages)	☐
	18	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 107: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for U.S. Patent No. 6,449,639 to Blumberg, (11 pages)	☐
	19	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 108: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Pad++ version 0.9b2 source code (DEFSC000003) and related references and Dr. Benjamin Bederson deposition testimony, (92 pages)	☐
	20	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 109: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Pad++ version 0.9b2 source code (DEFSC000003) and related references and Dr. Benjamin Bederson deposition testimony, (44 pages)	☐
	21	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 110: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for WEST: A Web Browser for Small Terminals, Bjork et al. (Bjork reference), (25 pages)	☐
	22	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 111: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for WEST: A Web Browser for Small Terminals, Bjork et al. (Bjork reference), (25 pages)831,926 for WEST: A Web Browser for Small Terminals, Bjork et al. (Bjork reference), (12 pages)	☐

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	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC)

	23	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 112: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for U.S. Patent No. 6,466,203 ('203 patent), (35 pages)	☐
	24	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 113: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for U.S. Patent No. 6,466,203 ('203 patent), (12 pages)	☐
	25	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 114: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for NextStep/OpenStep, (46 pages)	☐
	26	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 114 (supplemental): Invalidity Claim Chart for U.S. Patent No. 7,461,353 for NextStep/OpenStep, (69 pages)	☐
	27	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 115: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for NextStep/OpenStep, (32 pages)	☐
	28	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 115 (supplemental): Invalidity Claim Chart for U.S. Patent No. 7,831,926 for NextStep/OpenStep, (55 pages)	☐
	29	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 116: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Mozilla, (14 pages)	☐
	30	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 116: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Mozilla/Gecko, (28 pages)	☐
	31	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 117: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Mozilla, (7 pages)	☐
	32	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 117: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Mozilla/Gecko, (16 pages)	☐
	33	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 118: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for U.S. Patent 6,724,403 ('403 patent), (98 pages)	☐

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	34	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 119: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for U.S. Patent No. 6,724,403 ('403 patent), (44 pages)	☐
	35	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 120: Exhibit 117: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for U.S. Patent No. 6,133,916 ('916 patent), (71 pages)	☐
	36	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 121: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for No. 6,133,916 ('916 patent), (42 pages)	☐
	37	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 122: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Portable Document Format Reference Manual, version 1.2 ("Adobe PDF"), (526 pages)	☐
	38	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 123: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Portable Document Format Reference Manual, version 1.2 ("Adobe PDF"), (342 pages)	☐
	39	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 124: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Anwar, U.S. Patent No. 7,055,095, (118 pages)	☐
	40	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 125: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Anwar, U.S. Patent No. 7,055,095, (64 pages)	☐
	41	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 126: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Openpix, (13 pages)	☐
	42	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 127: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Openpix, (7 pages)	☐
	43	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 128: Invalidity Claim Chart for U.S. Patent No. 7,461,353 for Obviousness References, (107 pages)	☐
	44	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 129: Invalidity Claim Chart for U.S. Patent No. 7,831,926 for Obviousness References, (107 pages)	☐

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	45	Defendants Samsung Electronic So., Ltd.'s, Samsung Electronics America, Inc.'s and Samsung Telecommunications America, LLC's First Supplemental Objections and Responses to Plaintiff Softview LLC's First Set of Individual Interrogatories (as to Nos. 1-2), 18 pages	☐
	46	KAMBA, T., BHARAT, K., ALBERS, M., "The Krakatoa Chronicle-An Interactive, Personalized Newspaper on the Web, Proc. 4th Int'l WWW Conference, Dec. 11-14, 1995 (http://www.w3.org/Conferences/WWW4/Papers/93/) ("Krakatoa-1"); printed version appears in World Wide Web Journal: Fourth Int'l World Wide Web Conference, Con. Proc., Dec. 11-14, 1995 (O'Reilly & Assocs., Inc.), pp. 159-170	☐
	47	KAMBA, T., BHARAT K., "An interactive personalized newspaper on the WWW", SPIE Proceedings Vol. 2667, Georgia Institute of Technology, Atlanta, GA, Multimedia Computing and Networking 1996, Springer, pp. 290-301 ("Krakatoa-2")	☐
	48	BHARAT, K., KAMBA, T., ALBERS, M., "Personalized, Interactive News on the Web, Georgia Institute of Technology, Atlanta, GA,, 6 Multimedia Systems, Springer Publishing, pp. 349-358, September 1998 (Krakatoa-3)	☐
	49	OSSANNA, J., KERNIGHAN, B., "Troff User's Manual", Computing Science Technical Report No. 54, AT&T Bell Laboratories, 1992 ("Troff"), 37 pages	☐
	50	HOLMQUIST, Lars Erik, "Breaking the Screen Barrier," Doctoral Dissertation, Gothenburg Studies in Informatics, Sweden, Report 16, May 2000, ISSN 1400-741X, 152 pages	☐

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	1	Postscript Language Reference Manual, 2nd ed., Adobe Systems Incorporated, Addison-Wesley Publishing, 1990 (Postcript 2d), 774 pgs.	☐
	2	Postscript Language Reference Manual, 3rd ed., Adobe Systems Incorporated, Addison-Wesley Publishing,1990 (Postcript 3d), 912 pgs.	☐
	3	CHAWATHE, Y. et al., "A Proxy Architecture for Reliable Multicast in Heterogeneous Environments," in Proceedings of ACM Multimedia '98 (1998) ("Chawathe 1")	☐
	4	CHAWATHE and BREWER, "System Support for Scalable and Fault Tolerant Internet Services," Distributed Systems Engineering 6.1, The British Computer Society, Inst. of Electrical Engineers and Inst. of Physics Publishing (1999): 23 ("Chawathe 2")	☐
	5	FOX, A. et al., "Adapting to Network and Client Variation Using Infrastructural Proxies: Lessons and Proxies," IEEE Personal Communications Special Issue: Adapting to Network and Client Variability 5(4) (August 1998) ("Fox 2")	☐
	6	BIENZ, Tim et al., "Portable Document Format Reference Manual," version 1.2, Adobe Systems Incorporated (November 12, 1996), 394 pgs.	☐
	7	Business Wire, "HP Unveils Seven OpenPix Products, Dramatic Enhancements to ImageIgniter Software; HP Now Offers the Most Complete Range of Internet Imaging Products and Services," Gale Group, Business Wire, Dec. 15, 1998	☐
	8	BEDERSON, Benajim B. et al., "A Zooming Web Browser" SPIE pp. 1-12, University of New Mexico, Albuquerque, NM (1996), available at http://www.cs.umd.edu/hcil/jazz/learn/papers/spie-96-webbrowser.pdf, 12 pgs.	☐
	9	BOYE, Janus, "SVG Brings Fast Vector Graphics to Web," irt.org, Home Articles FAQs XREF Game Software Instant Books BBS About FOLDOC RFCs Feedback Sitemap (July 29, 1999), available at http://www.irt.org/articles/js176/, 8 pgs. (printed on 5/29/2013).	☐
	10	MULDER, Steve, "Sneak Peak at SVG," webmonkey-The Web Developer's Resource, Wired Digital Inc., a Lycos Network site (Mar. 4, 1999), 9 pgs. (printed on 5/29/2013)	☐
	11	WORLD WIDE WEB CONSORTIUM, Scalable Vector Graphics (SVG) 1.0 Specification, W3C Candidate Recommendation (Nov. 2, 2000), 513 pgs.	☐

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	Attorney Docket Number	161539-0002(P001XC)

	12	Introduction to SVG, part of WD-SVG-19990211, 1999, 3 pgs. (printed on 5/29/2013), available at http://www.w3.org/TR/1999/WD-SVG-19990211/intro.html#Document, .	☐
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	Attorney Docket Number	161539-0002(P001XC)

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AM Bonnici - Sir Sandford Fleming College, Canada, 2005 - webgisdev.com
... The client can be: (1) a wireless **device** such as a cellular phone or a personal digital assistant (PDA), (2 ... Professional • LocationServer can be used for routing and on the fly publishing of data for **mobile** devices • LocationServer ... **SVG** is a W3C recommended **vector** data format. ...
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[PDF] Standard-centric **authoring** and publication for cartographic content [PDF] from isprs.org
O Ertz, M Laurent, D Rappo - ... International Workshop on Pervasive Web ..., 2010 - isprs.org
... an image in form of a formatted bitmap **graphic** like PNG or a **vector graphic** like **SVG**. ... Crossmedia means for print medium, for screen display, for **mobile**, etc. ... enforces the principle to describe a cartographic document in complete independence with the final publication **device**. ...
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K Lynch - Adobe Systems Inc., San Jose, USA, published on-line ..., 2005 - ssyes.com
... **SVG**-T is available in Flash Lite as an option, supporting XML-based **vector graphic** display. ... cameras, or can be used to deliver a rich user interface for the **device** itself. ... offers a number of technologies to enable building applications more rapidly, supporting **mobile** devices, and ...
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[BOOK] **SVG** programming: the graphical **web** [PDF] from sourcecode.in.th
K Cagle - 2002 - books.google.com
... Phone 510-549-5930, fax: 510-549-5939, email info@apress . ... they are developing solutions for these plat- forms even though the process to develop a recommendation for **SVG Mobile** is not ... In addition to these public examples of **SVG**, I have had the privilege to talk with many ...
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System, apparatus, and method for directional control input browsing in smart phones
K Hamynen - US Patent App. 10/457,805, 2003 - Google Patents
... type that is rich enough to be used for content **authoring** and precise ... Format (PDF), Macromedia Flash, Synchronized Multime- dia Integration Language (SMIL), **Scalable Vector Graphics** (**SVG**), etc. ... of the document to fit within the constraints of the **mobile device** display. ...
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Office management solution
MA Hart - US Patent App. 12/009,327, 2008 - Google Patents
... firstName lastName middleName suffix birthDate street state city zip phone extension emergency? ... More specifically the system relates to a wireless data gathering network, whereby ... **SVG** (**Scalable Vector Graphics**) is the current **web** standard text-based **graphics** language that ...
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Scalable Vector Graphics (SVG)

A Neumann - Encyclopedia of GIS, 2008 - Springer

... **Scalable Vector Graphics** (**SVG**), Figure 4 Yosemite Hiking Map – an example **SVG web** mapping application. ... tem status and controlling **device** functionality. Many **SVG mobile** viewers already run in resource constrained devices and on multiple operating systems suitable for ...

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[BOOK] Learning **Web** Design: A Beginner's Guide to **HTML**, CSS, JavaScript, and **Web Graphics**

JN Robbins - 2012 - books.google.com

... 526 Introduction to **SVG** . . ... As I write, many of these challenges, such as how to deliver the right image to the right **device**, are still being debated. ... Marquis, who is a designer and developer at Filament Group, a member of the jQuery **Mobile** team, and the Technical Editor at A List ...

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[HTML] Mapping and imaging Africa on the Internet [HTML] from gia.ac.uk

M Shand - INTERNATIONAL ARCHIVES OF ..., 2002 - web2.ges.gla.ac.uk

... In Kenya **mobile** phone operators are reported to have sold 600,000 **mobile** phones in 18 months -- more than double the estimated total of 250,000 fixed landline phones ... Plug-ins used for mapping include Macromedia Shockwave and Adobe Acrobat, **SVG** and VRML. ...

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Towards Dynamic Representation of Rich Internet Applications through **Web** service invocation

G Alor-Hernandez, R Vasquez-Ramirez... - Advances in Human- ..., 2009 - ieeexplore.ieee.org

... XML is frequently used or proposed for use in connection with **device**-independent user interface design. ... and leveraging of other **Web** standards, features like scripting can be done on **SVG** elements and ... The disadvantage of this language is the exclusivity for **mobile** devices. ...

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DS Metcalf, JM De Marco - 2006 - books.google.com
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Most recently, Microsoft has released the **Mobile** 5 version of their ... features open
up even greater capability and **device** flexibility similar to ...
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[PDF] Webmapping with **Scalable Vector Graphics (SVG)**: Delivering the promise of high quality and interactive **web** maps [PDF] from laengholz.ch
AM Winter, T Aias - laengholz.ch
... These navigation tools are even more important on **mobile** devices with very small display sizes. ...
after the objects are rasterized, but before the **graphic** is displayed on the output **device**. ...
immediately -- however, with some additional scripting one can also process non-**SVG** data. ...
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Cloud and **mobile Web**-based **graphics** and visualization [PDF] from github.io
H Livkowitz, C Kelleher - **Graphics**, Patterns and Images ..., 2012 - ieeexplore.ieee.org
... a **vector graphics** display, utilizing a light-pen as its input **device** [4]. Further ... of the Data Driven
Documents (D3.js) library demonstrating the capabilities of **SVG** (**Scalable Vector Graphics**). ... ES
2.0 is an OpenGL subset, designed for embedded systems, including **mobile** devices. ...
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Using Canvas, **SVG**, and **Web** Fonts
J Percival - HTML5 Advertising, 2013 - Springer
... library that extends the two-dimensional context of canvas by enabling path and pixel detection
for desktop and **mobile**. ... CHAPTER 4 ■ USING CANVAS, **SVG**, AND **WEB** FONTS ... you can extend
this to a user painting with their mouse or even finger, should the **device** support it. ...
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M Fernández-Marín, R Olanda-Rodríguez ... - XML Today, 2005 - cepis.org
... This can then all be processed according to the type of output **device** (screen, printer) and adjusted ...
As we can see, the applications of **SVG** are many and varied: maps, **mobile** telephones and ... are
beginning to adopt it as their export/import format, which means that **SVG** will act ...
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[BOOK] **SVG (Scalable Vector Graphics)**-Overview about the possibilities and advantages as well as the current implementations of the new XML-based standard for ...
R Huditsch - 2012 - books.google.com
... work has already continued on the modular **SVG** 1.11 and on the "**Mobile SVG** profiles"2 ... **Vector**
images are built up of many individual, **scalable** geometric objects defined by mathematical ... the
number of round-trips to the server, as well as offering **device** independence and a ...
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METHOD TO EMBEDDING **SVG** CONTENT INTO AN ISO BASE MEDIA FILE FORMAT FOR PROGRESSIVE DOWNLOADING AND STREAMING OF RICH MEDIA ...
V Setlur, S Chittum, T Capin, M Ingrassia ... - US Patent App. 12/ ..., 2009 - Google Patents
... steps corresponding to four services and sub-services available in an ITV **mobile** service: (1 ... Media
File Extractor 160 and can then be used by the client **device** 110. ... The animation element specifies
an external embedded **SVG** document or an **SVG** document fragment providing ...
All 2 versions Cite

APPENDIX A File formats and plugins
W Feringa - **Web** Cartography, 2003 - books.google.com
... Wireless Transport Protocol (WTP) belongs to the third transport layer and can be compared
with the TCP for the Internet. ... This protocol is also used by the ITU (International
Telecommunications Union) for the two-way delivery of audio and video phone data, for ... com/**svg**/ ...
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Scalable display of internet content on **mobile** devices
GE Rohrabaugh, SA Sherman - US Patent 8,145,995, 2012 - Google Patents
... irt.org/articles/js176/, p. 1-5. Rich Graham, **Mobile SVG** at BitFlash ... SERVER + **HTML**, XML, CSS
CONTENT IS TRANSLATED , V114 INTO **SCALABLE VECTOR** REPRESENTATION IMAGE ... AND
SCALED USING THIN CLIENT 120 TO RENDER CONTENT ON CLIENT **DEVICE** ...
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A Java based XML browser for consumer devices
R Yuuhimaa, T Rapponen, N von Knorring... - Proceedings of the ..., 2002 - dl.acm.org
... The **device** should be powerful enough to display several multimedia elements simultaneously
and synchronize them ... Figure 3. Finally, we are also implementing specialized user interfaces
for different kinds of **mobile** devices and ... **Scalable vector graphics** (**SVG**) 1.0 specification ...

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B Sandvik - Institute of geography, School of GeoSciences- ..., 2008 - 69.89.31.238
... **Vector** images, like **Scalable Vector Graphics** (**SVG**), are not supported. ... Collada is an open XML format than enables 3-D **authoring** applications to exchange digital assets (Collada ... Figure 5: **Mobile** phone subscribers in South East Asia in 2004, visualised using a 3-D Collada ...
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Multimedia **Authoring** and Presentation
K Zhang - Visual Languages and Applications, 2007 - Springer
... **device** capabilities such as from a desktop screen to a PDA panel, or the viewer's intention. ... graphical design and can be effectively applied to transforming **Web graphics** to suit small screen **mobile** ... ofsize adaptation is for **Web** display layout to be reduced to suit **mobile** devices. ...
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and interactive **web** maps
AM Winter, T Atlas - Maps and the Internet, 2008 - books.google.com
... These navigation tools are even more important on **mobile** devices with very small display sizes. ... pipeline, after the objects are rasterized, but before the **graphic** is displayed on the output **device**. ... Webmapping with **Scalable Vector Graphics** 213 (Adobe Systems Inc., 2000). ...
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Multiple-image viewer
JA Munro - US Patent App. 09/757,561, 2001 - Google Patents
... In an embodiment, a network may be a client server system, a World Wide **Web**, an Internet, a **mobile** phone network, a ... The third image 212 is a digital photograph of a woman talking on the phone. ... One embodiment of **scalable** coding is described in US patent application Ser. ...
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Experiences developing architectures for realizing thin- client diagram editing tools [PDF] from swin.edu.au
J Grundy, J Hosking, S Cao, D Zhao... - Software: Practice ..., 2007 - Wiley Online Library
... One uses a GIF format and is usable by all browsers, but has limited interactivity, and a second uses **SVG**, which requires a separate plug-in, but allows more interaction ... Several systems have been developed to assist in realizing **mobile**, small-screen **device** user interfaces ...
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Image having a hierarchical structure
JA Munro, H Wang - US Patent App. 09/757,741, 2001 - Google Patents
... a network may be a client server system, a World Wide **Web**, an Internet, a **mobile** phone network, a first ... The third image 212 is a digital photograph of a woman talking on the phone. ... **Graphic** objects include basic 2-D **vector graphics** functions such as text, lines, and circles. ...
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Accessible computer system
V Sulatov, JA Gardner, JA Gardner - US Patent App. 11/106,144, 2005 - Google Patents
... TRANSCODING **DEVICE** DRIVERS 138 EMBOSSER DIGITIZING PAD POINTING **DEVICE** TACTILE DIPLAY ... 628 630 XXX 632 LANGUAGE INTERPRETATION XXX 618 **HTML SVG** VIEWER JAVASCRIPT ... computers, including accessing the Internet and the World- wide **Web**. ...
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Introducing **Mobile** Flash
S Chin, D Iverson, O Campesato, P Trani - Pro Android Flash, 2011 - Springer
... Image: The Image class lets you display a **graphic** that can be loaded from a GIF, JPEG, PNG, **SVG**, or SWF ... In fact, if we had run the application on a **mobile device**, it would have continued execution without even letting us know that an ... CHAPTER 1: Introducing **Mobile** Flash 21 ...
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Essential components of **mobile web** accessibility
S Abou-Zahra, J Brewer, SL Henry - ... -Disciplinary Conference on Web ..., 2013 - dl.acm.org
... specifications that are used to encode **web** content; for example **HTML**, CSS, **SVG**, etc. ... provide functionality, such as **mobile device** simulators, to better support cross-**device** and cross ... 6] Standards for **Web** Applications on **Mobile** http://www.w3.org/**Mobile**/**mobile**-**web**-app-state ...
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Mobile HTML5: Implementing a Responsive Cross-Platform Application [PDF] from aalto.fi
K Puputti - 2012 - aaltodoc.aalto.fi
... has raised the need for a feature-rich technology stack for building **scalable** applications that ... I present some of the latest tools, frameworks and libraries for building **mobile web** applications ... HTML5 is a cross-platform and **device** form-factor agnostic markup language for defining ...
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by Ricardo Baeza-Yates, Berthier Ribeiro-Neto , *1999*
"... years with the expansion of the World Wide **Web** and the advent of modern and inexpensive **graphical** user ..."
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by Gregory D. Abowd, Christopher G. Atkeson, Jason Hong, Sue Long, Rob Kooper, Mike Pinkerton , *1996*
"... context-aware **mobile device**. We considered several methods for sensing the user location. Outdoors ..."
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"... database of over 50 million **web pages**. The Inktomi search engine is an aggregation server ..."
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"... Bluetoothenabled **devices** available, such as the Ericsson R520 **mobile** phone. The IEEE 802.15 working group is also ..."
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"... [10]. An example is a wireless application protocol (WAP) gateway translating **HTML web pages** to WML ..."
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by Steven Feiner, Blair Macintyre, Tobias Höllerer , *1997*
"... and interaction **devices** immerse the user in a synthesized world, and **mobile** computing, in which increasingly small ..."
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by Benjamin B. Bederson, James D. Hollan, Jason Stewart, David Rogers, Allison Druin, David Vick - *in 'Human Factors in Web Development , 1999*
"... extensions to **HTML** to allow **web page authors** access to Pad++ multiscale visualization and layout facilities ..."

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L11	39322	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L12	50	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L13	0	L12 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L14	1323	L11 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L15	39322	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L16	1323	L14 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2013/06/29 23:22

			JPO; DERWENT; IBM_TDB			
L17	21	L14 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L18	64	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L19	0	L18 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L20	4186	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L21	65	L20 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L22	19	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L23	19	L22 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L24	2	"20070198916".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L25	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$	US-PGPUB; USPAT;	OR	ON	2013/06/29 23:22

		or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
L26	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L27	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L28	20	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L29	17	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L30	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L31	0	L30 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L32	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L33	11	L32 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2013/06/29 23:22

			DERWENT; IBM_TDB			
L34	8	L33 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L35	39322	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L36	50	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L37	0	L36 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L38	1323	L35 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L39	39322	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L40	1323	L38 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L41	21	L38 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L42	64	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR;	OR	ON	2013/06/29 23:22

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L43	0	L42 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L44	4186	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L45	65	L44 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L46	836	(zoom$3 with browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L47	13	L46 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L48	0	L47 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L49	11208	(zoom$3 & browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L50	192	L49 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L51	4	L50 & css	US-PGPUB;	OR	ON	2013/06/29

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			23:22
L52	1	L50 & (cascad$3 same stylesheet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L53	189	L50 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L54	14	L53 & (zoom$3 same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L55	14	L54 & vector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L56	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L57	7	L56 & vector & width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L58	4	L56 & CSS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L59	9	L56 & larger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2013/06/29 23:22

			DERWENT; IBM_TDB			
L60	5	L56 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L61	10	L56 & (column raw vertical$2 x y horizontal$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L62	4	L56 & ((column raw vertical$2 x y horizontal$2) same offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L63	5	L56 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L64	15	L56 & (tap$4 touch$3 input$3 click$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L65	12	L56 & (zoom$3 offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L66	15	L56 & (text paragraph)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L67	14	L56 & (zoom$3 resiz$3 enlarg$3 same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L68	14	L56 & (zoom$3 resiz$3 enlarg$3 with (text paragraph))	US-PGPUB; USPAT; USOCR;	OR	ON	2013/06/29 23:22

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L69	9	L56 & ((zoom$3 resiz$3 enlarg$3) same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L70	9	L56 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L71	8	L56 & (center)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L72	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L73	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L74	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L75	20	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L76	17	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22

L77	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L78	0	L77 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L79	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L80	11	L79 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L81	8	L80 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L82	39322	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L83	50	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L84	0	L83 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L85	1323	L82 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2013/06/29 23:22

			JPO; DERWENT; IBM_TDB			
L86	39322	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L87	1323	L85 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L88	21	L85 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L89	64	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L90	0	L89 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L91	4186	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L92	65	L91 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L93	19	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L94	19	L93 & css	US-PGPUB; USPAT;	OR	ON	2013/06/29 23:22

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
L95	2	"20070198916".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L96	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L97	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L98	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L99	20	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L100	17	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L101	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L102	0	L101 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/06/29 23:22

			IBM_TDB			
L103	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L104	11	L103 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L105	8	L104 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L106	39322	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L107	50	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L108	0	L107 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L109	1323	L106 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L110	39322	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L111	1323	L109 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR;	OR	ON	2013/06/29 23:22

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L112	21	L109 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L113	64	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L114	0	L113 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L115	4186	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L116	65	L115 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L117	836	(zoom$3 with browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L118	13	L117 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L119	0	L118 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L120	11208	(zoom$3 & browser) & (pda mobile	US-PGPUB;	OR	ON	2013/06/29

		handheld smartphone)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			23:22
L121	192	L120 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L122	4	L121 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L123	1	L121 & (cascad$3 same stylesheet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L124	189	L121 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L125	14	L124 & (zoom$3 same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L126	14	L125 & vector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L127	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L128	7	L127 & vector & width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2013/06/29 23:22

			DERWENT; IBM_TDB			
L129	4	L127 & CSS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L130	9	L127 & larger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L131	5	L127 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L132	10	L127 & (column raw vertical$2 x y horizontal$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L133	4	L127 & ((column raw vertical$2 x y horizontal$2) same offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L134	5	L127 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L135	15	L127 & (tap$4 touch$3 input$3 click$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L136	12	L127 & (zoom$3 offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L137	15	L127 & (text paragraph)	US-PGPUB; USPAT; USOCR;	OR	ON	2013/06/29 23:22

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L138	14	L127 & (zoom$3 resiz$3 enlarg$3 same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L139	14	L127 & (zoom$3 resiz$3 enlarg$3 with (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L140	9	L127 & ((zoom$3 resiz$3 enlarg$3) same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L141	9	L127 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L142	8	L127 & (center)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L143	2	"20100214232".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L144	35	("20070276525" | "20080062147" | "7932896" | "20060097991" | "6310610" | "20070257890" | "6580442" | "20080284739" | "20090135153" | "7911456" | "5615384" | "20100060608" | "4587630" | "5745116" | "20060066588" | "20060242607" | "20070109274").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L145	1	L144 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/06/29 23:22

			IBM_TDB			
L146	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L147	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L148	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L149	20	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L150	17	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L151	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L152	0	L151 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L153	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L154	11	L153 & (web html internet markup) & zoom$3	US-PGPUB; USPAT;	OR	ON	2013/06/29 23:22

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
L155	8	L154 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L156	39322	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L157	50	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L158	0	L157 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L159	1323	L156 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L160	39322	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L161	1323	L159 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L162	21	L159 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22

L163	64	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L164	0	L163 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L165	4186	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L166	65	L165 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L167	19	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L168	19	L167 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L169	2	"20070198916".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L170	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L171	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2013/06/29 23:22

			JPO; DERWENT; IBM_TDB			
L172	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L173	20	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L174	17	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L175	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L176	0	L175 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L177	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L178	11	L177 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L179	8	L178 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L180	39322	zoom$3 & (pda mobile handheld	US-PGPUB;	OR	ON	2013/06/29

		smartphone)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			23:22
L181	50	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L182	0	L181 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L183	1323	L180 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L184	39322	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L185	1323	L183 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L186	21	L183 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L187	64	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L188	0	L187 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/06/29 23:22

			IBM_TDB			
L189	4186	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L190	65	L189 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L191	836	(zoom$3 with browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L192	13	L191 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L193	0	L192 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L194	11208	(zoom$3 & browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L195	192	L194 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L196	4	L195 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L197	1	L195 & (cascad$3 same stylesheet)	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2013/06/29 23:22

			JPO; DERWENT; IBM_TDB			
L198	189	L195 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L199	14	L198 & (zoom$3 same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L200	14	L199 & vector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L201	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L202	7	L201 & vector & width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L203	4	L201 & CSS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L204	9	L201 & larger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L205	5	L201 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L206	10	L201 & (column raw vertical$2 x y	US-PGPUB;	OR	ON	2013/06/29

		horizontal$2)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			23:22
L207	4	L201 & ((column raw vertical$2 x y horizontal$2) same offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L208	5	L201 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L209	15	L201 & (tap$4 touch$3 input$3 click$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L210	12	L201 & (zoom$3 offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L211	15	L201 & (text paragraph)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L212	14	L201 & (zoom$3 resiz$3 enlarg$3 same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L213	14	L201 & (zoom$3 resiz$3 enlarg$3 with (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L214	9	L201 & ((zoom$3 resiz$3 enlarg$3) same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/06/29 23:22

			IBM_TDB			
L215	9	L201 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L216	8	L201 & (center)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L217	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L218	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L219	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L220	20	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L221	17	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L222	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L223	0	L222 & (html web markup xml)	US-PGPUB; USPAT; USOCR;	OR	ON	2013/06/29 23:22

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L224	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L225	11	L224 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L226	8	L225 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L227	39322	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L228	50	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L229	0	L228 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L230	1323	L227 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L231	39322	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22

L232	1323	L230 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L233	21	L230 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L234	64	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L235	0	L234 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L236	4186	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L237	65	L236 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L238	19	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L239	19	L238 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L240	2	"20070198916".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2013/06/29 23:22

			DERWENT; IBM_TDB			
L241	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L242	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L243	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L244	20	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L245	17	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L246	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L247	0	L246 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L248	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L249	11	L248 & (web html internet markup) &	US-PGPUB;	OR	ON	2013/06/29

		zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			23:22
L250	8	L249 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L251	39322	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L252	50	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L253	0	L252 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L254	1323	L251 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L255	39322	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L256	1323	L254 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L257	21	L254 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/06/29 23:22

			IBM_TDB			
L258	64	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L259	0	L258 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L260	4186	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L261	65	L260 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L262	836	(zoom$3 with browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L263	13	L262 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L264	0	L263 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L265	11208	(zoom$3 & browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L266	192	L265 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2013/06/29 23:22

			JPO; DERWENT; IBM_TDB			
L267	4	L266 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L268	1	L266 & (cascad$3 same stylesheet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L269	189	L266 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L270	14	L269 & (zoom$3 same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L271	14	L270 & vector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L272	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L273	7	L272 & vector & width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L274	4	L272 & CSS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L275	9	L272 & larger	US-PGPUB;	OR	ON	2013/06/29

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			23:22
L276	5	L272 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L277	10	L272 & (column raw vertical$2 x y horizontal$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L278	4	L272 & ((column raw vertical$2 x y horizontal$2) same offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L279	5	L272 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L280	15	L272 & (tap$4 touch$3 input$3 click$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L281	12	L272 & (zoom$3 offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L282	15	L272 & (text paragraph)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L283	14	L272 & (zoom$3 resiz$3 enlarg$3 same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/06/29 23:22

			IBM_TDB			
L284	14	L272 & (zoom$3 resiz$3 enlarg$3 with (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L285	9	L272 & ((zoom$3 resiz$3 enlarg$3) same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L286	9	L272 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L287	8	L272 & (center)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L288	2	"20100214232".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L289	35	("20070276525" | "20080062147" | "7932896" | "20060097991" | "6310610" | "20070257890" | "6580442" | "20080284739" | "20090135153" | "7911456" | "5615384" | "20100060608" | "4587630" | "5745116" | "20060066588" | "20060242607" | "20070109274").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L290	1	L289 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L294	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L295	0	09/062,364.pn.	US-PGPUB;	OR	ON	2013/06/29

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			23:22
L296	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L297	20	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L298	17	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L299	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L300	0	L299 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L301	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L302	11	L301 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L303	8	L302 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2013/06/29 23:22

			DERWENT; IBM_TDB			
L304	39322	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L305	50	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L306	0	L305 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L307	1323	L304 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L308	39322	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L309	1323	L307 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L310	21	L307 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L311	64	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L312	0	L311 & @ad<"20000612"	US-PGPUB; USPAT; USOCR;	OR	ON	2013/06/29 23:22

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L313	4186	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L314	65	L313 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L315	19	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L316	19	L315 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L317	2	"20070198916".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L318	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L319	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L320	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22

L321	20	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L322	17	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L323	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L324	0	L323 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L325	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L326	11	L325 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L327	8	L326 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L328	39322	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L329	50	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2013/06/29 23:22

			JPO; DERWENT; IBM_TDB			
L330	0	L329 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L331	1323	L328 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L332	39322	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L333	1323	L331 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L334	21	L331 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L335	64	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L336	0	L335 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L337	4186	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L338	65	L337 & @ad<"20000612"	US-PGPUB; USPAT;	OR	ON	2013/06/29 23:22

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
L339	836	(zoom$3 with browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L340	13	L339 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L341	0	L340 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L342	11208	(zoom$3 & browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L343	192	L342 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L344	4	L343 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L345	1	L343 & (cascad$3 same stylesheet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L346	189	L343 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22

L347	14	L346 & (zoom$3 same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L348	14	L347 & vector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L349	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L350	7	L349 & vector & width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L351	4	L349 & CSS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L352	9	L349 & larger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L353	5	L349 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L354	10	L349 & (column raw vertical$2 x y horizontal$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L355	4	L349 & ((column raw vertical$2 x y horizontal$2) same offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2013/06/29 23:22

			JPO; DERWENT; IBM_TDB			
L356	5	L349 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L357	15	L349 & (tap$4 touch$3 input$3 click$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L358	12	L349 & (zoom$3 offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L359	15	L349 & (text paragraph)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L360	14	L349 & (zoom$3 resiz$3 enlarg$3 same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L361	14	L349 & (zoom$3 resiz$3 enlarg$3 with (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L362	9	L349 & ((zoom$3 resiz$3 enlarg$3) same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L363	9	L349 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L364	8	L349 & (center)	US-PGPUB; USPAT;	OR	ON	2013/06/29 23:22

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
L365	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L366	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L367	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L368	20	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L369	17	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L370	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L371	0	L370 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L372	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/06/29 23:22

		6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	IBM_TDB			
L373	11	L372 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L374	8	L373 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L375	39322	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L376	50	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L377	0	L376 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L378	1323	L375 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L379	39322	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L380	1323	L378 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L381	21	L378 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR;	OR	ON	2013/06/29 23:22

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L382	64	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L383	0	L382 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L384	4186	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L385	65	L384 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L386	19	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L387	19	L386 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L388	2	"20070198916".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L389	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22

L390	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L391	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L392	20	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L393	17	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L394	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L395	0	L394 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L396	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L397	11	L396 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L398	8	L397 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2013/06/29 23:22

			JPO; DERWENT; IBM_TDB			
L399	39322	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L400	50	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L401	0	L400 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L402	1323	L399 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L403	39322	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L404	1323	L402 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L405	21	L402 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L406	64	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L407	0	L406 & @ad<"20000612"	US-PGPUB; USPAT;	OR	ON	2013/06/29 23:22

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
L408	4186	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L409	65	L408 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L410	836	(zoom$3 with browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L411	13	L410 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L412	0	L411 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L413	11208	(zoom$3 & browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L414	192	L413 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L415	4	L414 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22

L416	1	L414 & (cascad$3 same stylesheet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L417	189	L414 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L418	14	L417 & (zoom$3 same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L419	14	L418 & vector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L420	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L421	7	L420 & vector & width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L422	4	L420 & CSS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L423	9	L420 & larger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L424	5	L420 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2013/06/29 23:22

			JPO; DERWENT; IBM_TDB			
L425	10	L420 & (column raw vertical$2 x y horizontal$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L426	4	L420 & ((column raw vertical$2 x y horizontal$2) same offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L427	5	L420 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L428	15	L420 & (tap$4 touch$3 input$3 click$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L429	12	L420 & (zoom$3 offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L430	15	L420 & (text paragraph)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L431	14	L420 & (zoom$3 resiz$3 enlarg$3 same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L432	14	L420 & (zoom$3 resiz$3 enlarg$3 with (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L433	9	L420 & ((zoom$3 resiz$3 enlarg$3) same (text paragraph))	US-PGPUB; USPAT;	OR	ON	2013/06/29 23:22

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
L434	9	L420 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L435	8	L420 & (center)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L436	2	"20100214232".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L437	35	("20070276525" | "20080062147" | "7932896" | "20060097991" | "6310610" | "20070257890" | "6580442" | "20080284739" | "20090135153" | "7911456" | "5615384" | "20100060608" | "4587630" | "5745116" | "20060066588" | "20060242607" | "20070109274").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L438	1	L437 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L439	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L440	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L441	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2013/06/29 23:22

			JPO; DERWENT; IBM_TDB			
L442	20	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L443	17	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L444	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L445	0	L444 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L446	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L447	11	L446 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L448	8	L447 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L449	39322	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L450	50	(zoom$3 near browser) & (pda mobile	US-PGPUB;	OR	ON	2013/06/29

		handheld smartphone)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			23:22
L451	0	L450 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L452	1323	L449 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L453	39322	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L454	1323	L452 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L455	21	L452 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L456	64	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L457	0	L456 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L458	4186	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/06/29 23:22

			IBM_TDB			
L459	65	L458 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L460	19	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L461	19	L460 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L462	2	"20070198916".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L463	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L464	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L465	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L466	20	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L467	17	09/062,364	US-PGPUB; USPAT; USOCR;	OR	ON	2013/06/29 23:22

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L468	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L469	0	L468 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L470	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L471	11	L470 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L472	8	L471 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L473	39322	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L474	50	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L475	0	L474 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22

L476	1323	L473 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L477	39322	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L478	1323	L476 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L479	21	L476 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L480	64	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L481	0	L480 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L482	4186	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L483	65	L482 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L484	836	(zoom$3 with browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2013/06/29 23:22

			DERWENT; IBM_TDB			
L485	13	L484 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L486	0	L485 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L487	11208	(zoom$3 & browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L488	192	L487 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L489	4	L488 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L490	1	L488 & (cascad$3 same stylesheet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L491	189	L488 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L492	14	L491 & (zoom$3 same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L493	14	L492 & vector	US-PGPUB; USPAT; USOCR;	OR	ON	2013/06/29 23:22

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L494	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L495	7	L494 & vector & width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L496	4	L494 & CSS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L497	9	L494 & larger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L498	5	L494 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L499	10	L494 & (column raw vertical$2 x y horizontal$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L500	4	L494 & ((column raw vertical$2 x y horizontal$2) same offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L501	5	L494 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22

L502	15	L494 & (tap$4 touch$3 input$3 click$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L503	12	L494 & (zoom$3 offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L504	15	L494 & (text paragraph)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L505	14	L494 & (zoom$3 resiz$3 enlarg$3 same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L506	14	L494 & (zoom$3 resiz$3 enlarg$3 with (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L507	9	L494 & ((zoom$3 resiz$3 enlarg$3) same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L508	9	L494 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L509	8	L494 & (center)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L510	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2013/06/29 23:22

		7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	DERWENT; IBM_TDB			
L511	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L512	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L513	20	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L514	17	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L515	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L516	0	L515 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L517	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L518	11	L517 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L519	8	L518 & (pda mobile handheld	US-PGPUB;	OR	ON	2013/06/29

		smartphone)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			23:22
L520	39322	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L521	50	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L522	0	L521 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L523	1323	L520 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L524	39322	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L525	1323	L523 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L526	21	L523 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L527	64	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/06/29 23:22

			IBM_TDB			
L528	0	L527 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L529	4186	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L530	65	L529 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L531	19	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L532	19	L531 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L533	2	"20070198916".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L534	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L535	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L536	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR;	OR	ON	2013/06/29 23:22

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L537	20	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L538	17	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L539	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L540	0	L539 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L541	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L542	11	L541 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L543	8	L542 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L544	39322	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22

L545	50	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L546	0	L545 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L547	1323	L544 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L548	39322	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L549	1323	L547 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L550	21	L547 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L551	64	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L552	0	L551 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L553	4186	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2013/06/29 23:22

			DERWENT; IBM_TDB			
L554	65	L553 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L555	836	(zoom$3 with browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L556	13	L555 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L557	0	L556 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L558	11208	(zoom$3 & browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L559	192	L558 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:22
L560	4	L559 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L561	1	L559 & (cascad$3 same stylesheet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L562	189	L559 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR;	OR	ON	2013/06/29 23:23

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L563	14	L562 & (zoom$3 same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L564	14	L563 & vector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L565	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L566	7	L565 & vector & width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L567	4	L565 & CSS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L568	9	L565 & larger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L569	5	L565 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L570	10	L565 & (column raw vertical$2 x y horizontal$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23

L571	4	L565 & ((column raw vertical$2 x y horizontal$2) same offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L572	5	L565 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L573	15	L565 & (tap$4 touch$3 input$3 click$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L574	12	L565 & (zoom$3 offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L575	15	L565 & (text paragraph)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L576	14	L565 & (zoom$3 resiz$3 enlarg$3 same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L577	14	L565 & (zoom$3 resiz$3 enlarg$3 with (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L578	9	L565 & ((zoom$3 resiz$3 enlarg$3) same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L579	9	L565 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2013/06/29 23:23

			DERWENT; IBM_TDB			
L580	8	L565 & (center)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L581	2	"20100214232".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L582	35	("20070276525" | "20080062147" | "7932896" | "20060097991" | "6310610" | "20070257890" | "6580442" | "20080284739" | "20090135153" | "7911456" | "5615384" | "20100060608" | "4587630" | "5745116" | "20060066588" | "20060242607" | "20070109274").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L583	1	L582 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L584	252	715/815.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L585	677	715/800.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L586	156	715/238.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L587	633	715/249.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L588	7197	715/200-205.ccls.	US-PGPUB;	OR	ON	2013/06/29

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			23:23
L589	612	715/705.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L590	1852	715/760.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L591	677	715/800.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L592	10623	L587 L588 L589 L590 L591	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L593	622	L592 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L594	94	L593 & vector & width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L595	5	L594 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L596	5	L595 & (zoom$3 resiz$3 enlarg$3 same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/06/29 23:23

			IBM_TDB			
L597	5	L596 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L598	5	L597 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L599	0	L598 & (zoom$3 with ((pda mobile handheld smartphone) same browser))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23
L600	0	L598 & (zoom$3 same ((pda mobile handheld smartphone) same browser))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/06/29 23:23

6/29/2013 11:39:05 PM
C:\Users\qtran3\Documents\EAST\Workspaces\11735477_Allowance.wsp

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2177

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☒ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	02/24/2011	11/29/2011	06/16/2012	02/22/2013	06/29/2013				
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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2177

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CLAIM		DATE								
Final	Original	02/24/2011	11/29/2011	06/16/2012	02/22/2013	06/29/2013				
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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2177

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CLAIM		DATE								
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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2177

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CLAIM		DATE								
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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2177

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
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CLAIM		DATE								
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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2177

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
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CLAIM		DATE								
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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2177

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☒ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
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19	251		✓	✓	=	=				
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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2177

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
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CLAIM		DATE								
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Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	11735477	ROHRABAUGH ET AL.
	Examiner	Art Unit
	QUOC A TRAN	2177

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
715	249	2/24/2011	QT
715	205 and 234	2/24/2011	QT
Updated	Updated	11/29/2011	QT
Updated	Updated	6/16/2012	QT
Updated	Updated	2/22/2013	QT
Updated	Updated	6/29/2013	QT

SEARCH NOTES		
Search Notes	Date	Examiner
EAST (USPAT, USPGPUB, JPO, USOCR, FPRS, EPO, DERWENT & IBM_TDB)	2/24/2011	QT
Inventors Searched Conducted- Considered Double Patent Rejection	2/24/2011	QT
NPL Search (Google Scholar Digital Library)	2/17/2011	QT
"Text search" Allowable subject matter" EAST (USPAT, USPGPUB, JPO, USOCR, FPRS, EPO, DERWENT & IBM_TDB)	2/24/2011	QT
Text Search Class 715 All Sub Classes	2/24/2011	QT
Updated	11/29/2011	QT
Updated	6/16/2012	QT
Updated	2/22/2013	QT
Updated	6/29/2013	QT

/QUOC A TRAN/ Examiner.Art Unit 2177	

INTERFERENCE SEARCH			
US Class/ CPC Symbol	**US Subclass / CPC Group**	**Date**	**Examiner**
715	200	2/24/2011	QT
715	249	2/24/2011	QT
715	800	2/24/2011	QT
715	815	2/24/2011	QT
Updated	Updated	11/29/2011	QT
Updated	Updated	6/16/2012	QT
Updated	Updated	6/29/2013	QT

/QUOC A TRAN/ Examiner.Art Unit 2177	

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

29000 7590 07/31/2013
IRELL & MANELLA LLP
1800 AVENUE OF THE STARS
SUITE 900
LOS ANGELES, CA 90067

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being ~~facsimile~~ transmitted to the USPTO (~~571) 273-2885~~, on the date indicated below. Via EFS-Web

Susan M. Langworthy	(Depositor's name)
Susan M. Langworthy	(Signature)
August 9, 2013	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/735,477	04/15/2007	Gary B. Rohrabaugh	161539-P001XC	2104

TITLE OF INVENTION: METHOD, APPARATUS, AND BROWSER TO SUPPORT FULL-PAGE WEB BROWSING ON HAND-HELD WIRELESS DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$890	$300	$0	$1190	10/31/2013

EXAMINER	ART UNIT	CLASS-SUBCLASS
TRAN, QUOC A	2177	715-815000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Babak Redjaian
2 Irell & Manella LLP
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE: Softview LLC

(B) RESIDENCE: (CITY and STATE OR COUNTRY): Bellingham, WA 98225

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:
☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☒ Advance Order - # of Copies 2

4b. Payment of Fee(s): **(Please first reapply any previously paid issue fee shown above)**
☐ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 09-0946 (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29

NOTE: Absent a valid certification of Micro Entity Status (see form PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

☒ Applicant asserting small entity status. See 37 CFR 1.27

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

☐ Applicant changing to regular undiscounted fee status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Babak Redj Date August 9, 2013

Typed or printed name Babak Redjaian Registration No. 42,096

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Electronic Patent Application Fee Transmittal

Application Number:	11735477
Filing Date:	15-Apr-2007
Title of Invention:	METHOD, APPARATUS, AND BROWSER TO SUPPORT FULL-PAGE WEB BROWSING ON HAND-HELD WIRELESS DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Filer:	Babak Redjaian/Susan Langworthy
Attorney Docket Number:	161539-P001XC

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Reissue Issue Fee	2511	1	890	890
Publ. Fee- Early, Voluntary, or Normal	1504	1	300	300

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension-of-Time:				
Miscellaneous:				
			Total in USD ($)	**1190**

Electronic Acknowledgement Receipt	
EFS ID:	16550589
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	METHOD, APPARATUS, AND BROWSER TO SUPPORT FULL-PAGE WEB BROWSING ON HAND-HELD WIRELESS DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	29000
Filer:	Babak Redjaian/Susan Langworthy
Filer Authorized By:	Babak Redjaian
Attorney Docket Number:	161539-P001XC
Receipt Date:	09-AUG-2013
Filing Date:	15-APR-2007
Time Stamp:	15:08:42
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$1190
RAM confirmation Number	1660
Deposit Account	090946
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	Issue_Fee.pdf	87842 b5b9f9da0ed95ca35a5d99557c284c2c1ec7aeb5	no	2
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	32366 a353dca5b7fc65db50e9431a27103e360bf9b309	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	120208		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11375477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	005207.P001XC

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	6857102	B1	2005-02-15	Bickmore et al.	
Change(s) applied to document, /M.A./ 4/11/2013	2	6674445	B1	January 6, 2004 ~~2004-06-06~~	Chithambaram et al.	
	3	6300947	B1	2001-10-09	Kanevsky, Dimitri	
	4	5966135	A	1999-10-12	Roy et al.	
	5	6011905	A	2000-01-04	Huttenlocher et al.	
	6	6057854	A	2000-05-02	Davis, Jr. et al.	
	7	6337693	B1	2002-01-08	Roy et al.	

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /Q.T./

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	11735477
	Filing Date	2007-04-15
	First Named Inventor	Rohrabaugh
	Art Unit	2176
	Examiner Name	Herndon, Heather R
	Attorney Docket Number	005207.P001XC

	2	20020023110		2002-02-21	Fortin et al.		
	3	20020030699		2002-03-14	Van Ee		
	4	20020158908		2002-10-31	Vaajala et al.		
	5	20040049598		March 11, 2004 ~~2004-05-11~~	Tucker et al.		

Change(s) applied to document, /M.A./ 4/16/2013

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FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1	0009129.8	GB		2000-04-14	Picsel Technologies Limited	7-10, 12, 13, 15, 17 Fig. 1	☐
	2	10-334082	JP	A	1998-12-18	A Hong Kong Company - name could not be translated	Figs. 14-16 and corresponding text in machine translation	☒

If you wish to add additional Foreign Patent Document citation information please click the Add button Add

NON-PATENT LITERATURE DOCUMENTS Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1	~~US Provisional Application No. 60/288,287~~ Available on PAIR	☐

EFS Web 2.0

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /Q.T./

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/735,477	09/10/2013	8533628	161539-P001XC	2104

29000 7590 08/21/2013

IRELL & MANELLA LLP
1800 AVENUE OF THE STARS
SUITE 900
LOS ANGELES, CA 90067

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment is 1153 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site http://pair.uspto.gov for additional applicants):

Gary B. Rohrabaugh, Bellingham, WA;
Scott A. Sherman, Seattle, WA;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

In the United States Patent and Trademark Office

Patent No.:	8,533,628	**Docket No.:**	161539-P001XC		
Serial No.	11/735,477	**Filed:**	April 15, 2007		
Issued:	September 10, 2013	**Conf. No.:**	2104	**Art Unit:**	2177
Applicant(s)	Gary B. Rohrabaugh,				
For:	METHOD, APPARATUS AND BROWSER TO SUPPORT FULL-PAGE WEB BROWSING ON HAND-HELD WIRELESS DEVICES				

Mail Stop M Correspondence
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

NOTICE OF ERROR IN ENTITY STATUS
AND PAYMENT OF FEE DEFICIENCY (37 C.F.R. § 1.28(C))

Madam:

During a review of matters related to the above-identified patent (application serial no. 11/735,477; filed April 15, 2007), which is set to issue on September 9, 2013, Applicant uncovered an error in the entity status. Applicant submits that the small-entity issue fee payment made on August 9, 2013, though erroneous, was made in good faith.

Applicant hereby provides notice of a change in entity status from SMALL to LARGE, and submits herewith its calculation of deficiency owed, itemization of the deficiency payment, and the deficiency payment itself in accordance with 37 C.F.R. § 1.28(c)(1)-(2).

Itemization of the Deficiency Payment (37 C.F.R. § 1.28(c)(2)):

Type of Fee	Small Entity Fee Paid	Deficiency Owed
Utility Issue Fee	$890 (August 9, 2013)	$890

Total Deficiency Owed (37 C.F.R. § 1.28(c)(1)): $890

Applicant authorizes and requests that the Commissioner charge the total maintenance fee deficiency of $890, as well as any additional fees as may be required, to Deposit Account No. 09-0946.

Respectfully submitted,
Attorney(s) for Applicant,
IRELL & MANELLA LLP

Dated: August 29, 2013

By: /Babak Redjaian/
Babak Redjaian
Registration No.: 42,096

Correspondence Address:
IRELL & MANELLA LLP
1800 Avenue of the Stars, Ste. 900
Los Angeles, CA 90067
Telephone: (949) 760-0991
Facsimile: (949) 760-5200
E-mail: patents@irell.com

CERTIFICATE OF TRANSMISSION

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being transmitted via electronic filing (EFS-Web) on the date shown below to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

August 29, 2013
Date of Transmission

/Susan M. Langworthy/
Susan M. Langworthy

Electronic Acknowledgement Receipt

EFS ID:	16727222
Application Number:	11735477
International Application Number:	
Confirmation Number:	2104
Title of Invention:	METHOD, APPARATUS, AND BROWSER TO SUPPORT FULL-PAGE WEB BROWSING ON HAND-HELD WIRELESS DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	29000
Filer:	Babak Redjaian/Susan Langworthy
Filer Authorized By:	Babak Redjaian
Attorney Docket Number:	161539-P001XC
Receipt Date:	29-AUG-2013
Filing Date:	15-APR-2007
Time Stamp:	19:22:10
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Notification of loss of entitlement to small entity status	8533628_EntityStatusChange.pdf	109464 77ae98598ef735c523c3278260c0482b8e93dbac	no	2
Warnings:					
Information:					

Total Files Size (in bytes):	109464

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

In the United States Patent and Trademark Office

Patent No.:	8,533,628	**Docket No.:**	161539-P001XC		
Serial No.	11/735,477	**Filed:**	April 15, 2007		
Issued:	September 10, 2013	**Conf. No.:**	2104	**Art Unit:**	2177
Applicant(s)	Gary B. Rohrabaugh,				
For:	METHOD, APPARATUS AND BROWSER TO SUPPORT FULL-PAGE WEB BROWSING ON HAND-HELD WIRELESS DEVICES				

Mail Stop M Correspondence
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

NOTICE OF ERROR IN ENTITY STATUS AND PAYMENT OF FEE DEFICIENCY (37 C.F.R. § 1.28(C))

Madam:

During a review of matters related to the above-identified patent (application serial no. 11/735,477; filed April 15, 2007), which is set to issue on September 9, 2013, Applicant uncovered an error in the entity status. Applicant submits that the small-entity issue fee payment made on August 9, 2013, though erroneous, was made in good faith.

Applicant hereby provides notice of a change in entity status from SMALL to LARGE, and submits herewith its calculation of deficiency owed, itemization of the deficiency payment, and the deficiency payment itself in accordance with 37 C.F.R. § 1.28(c)(1)-(2).

Itemization of the Deficiency Payment (37 C.F.R. § 1.28(c)(2)):

Type of Fee	Small Entity Fee Paid	Deficiency Owed
Utility Issue Fee	$890 (August 9, 2013)	$890

Total Deficiency Owed (37 C.F.R. § 1.28(c)(1)): $890

09/04/2013 DALLEN 00000007 090946 11735477
01 FC:1461 890.00 DA

Applicant authorizes and requests that the Commissioner charge the total maintenance fee deficiency of $890, as well as any additional fees as may be required, to Deposit Account No. 09-0946.

Respectfully submitted,
Attorney(s) for Applicant,
IRELL & MANELLA LLP

Dated: August 29, 2013

By: /Babak Redjaian/
Babak Redjaian
Registration No.: 42,096

Correspondence Address:
IRELL & MANELLA LLP
1800 Avenue of the Stars, Ste. 900
Los Angeles, CA 90067
Telephone: (949) 760-0991
Facsimile: (949) 760-5200
E-mail: patents@irell.com

CERTIFICATE OF TRANSMISSION

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being transmitted via electronic filing (EFS-Web) on the date shown below to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

August 29, 2013
Date of Transmission

/Susan M. Langworthy/
Susan M. Langworthy

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
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IRELL & MANELLA LLP
1800 AVENUE OF THE STARS
SUITE 900
LOS ANGELES CA 90067

MAILED
NOV 14 2013
OFFICE OF PETITIONS

In re Application of :
Gary B. Rohrabaugh, et al. :
Application No. 11/735,477 : NOTICE
Filed: April 15, 2007 :
Attorney Docket No. 161539-0002(P001XC) :

This is a notice regarding your request for acceptance of a fee deficiency submission under 37 CFR 1.28.

The Office no longer investigates or rejects original or reissue patent under 37 CFR 1.56. **1098 Off. Gaz. Pat. Office 502 (January 3, 1989)**. Therefore, nothing in this Notice is intended to imply that an investigation was done.

Your fee deficiency submission under 37 CFR 1.28 is hereby **ACCEPTED**.

This patent is no longer entitled to small entity status. Accordingly, all future fees paid in this patent must be paid at the large entity rate.

Inquiries related to this communication should be directed to the undersigned at (571) 272-2991.

/Terri Johnson/
Terri Johnson
Paralegal Specialist
Office of Petitions

PTO/SB/81A (12-08)
Approved for use through 09/30/2025 OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number

PATENT - POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS

Patent Number	8533628
Issue Date	September 10, 2013
First Named Inventor	Gary B. Rohrabaugh
Title	Method, Apparatus, and Browser to Support Full-page Web Browsing on Hand-held Wireless Devices
Attorney Docket No.	161539-0002(P001XC)

I hereby revoke all previous powers of attorney given in the above-identified patent. X

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint Practitioner(s) associated with the Customer Number identified in the box at right as my/our attorney(s) or agent(s) with respect to the patent identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

59860

OR

☐ I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s) with respect to the patent identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Practitioner(s) Name	Registration Number

Please recognize or change the correspondence address for the above-identified patent to:

☒ The address associated with the above-identified Customer Number.

OR

☐ The address associated with the Customer Number identified in the box at right:

OR

☐ Firm or Individual Name					
Address					
City		State		Zip	
Country					
Telephone		Email			

I am the:

☐ Inventor, having ownership of the patent.

OR

☒ Patent owner.

Statement under 37 CFR 3.73(b) (Form PTO/SB/96) submitted herewith or filed on _____

SIGNATURE of Inventor or Patent Owner

Signature	Richard Paulson	Date	2/25/25
Name	Richard Paulson	Telephone	360 738-1087
Title and Company	Manager, SoftView L.L.C.		

NOTE: Signatures of all the inventors or patent owners of the entire interest or their representative(s) are required. If more than one signature is required, submit multiple forms, check the box below, and identify the total number of forms submitted in the blank below.

☒ A total of 1 forms are submitted.

A Federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with an information collection subject to the requirements of the Paperwork Reduction Act of 1995, unless the information collection has a currently valid OMB Control Number. The OMB Control Number for this information collection is 0651-0035. Public burden for this form is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information collection. Send comments regarding this burden estimate or any other aspect of this information collection, including suggestions for reducing this burden to the Chief Administrative Officer, United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 or email InformationCollection@uspto.gov. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. If filing this completed form by mail, send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
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ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
11/735,477	**02/25/2025 06:49:54 PM Z ET**	**161539-0002(P001XC)**

Title of Invention

METHOD, APPARATUS, AND BROWSER TO SUPPORT FULL-PAGE WEB BROWSING ON HAND-HELD WIRELESS DEVICES

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	8533628
CONFIRMATION #	2104	FILED BY	Alan Burnett
PATENT CENTER #	69334995	FILING DATE	04/15/2007
CUSTOMER #	29000	FIRST NAMED INVENTOR	Gary B. Rohrabaugh
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	-

Documents

TOTAL DOCUMENTS: 2

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
sb0081a_POA_Patent_8533628_signed.pdf	1	Power of Attorney	407 KB
8533628_sb0096_Statement_Under_37_CFR_3.73b_2024_signed.pdf	2	Assignee showing of ownership per 37 CFR 3.73	565 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
sb0081a_POA_Patent_8533628_signed.pdf	CD04A70058C6FF0E9AF5BD42C243F883ADEC13C8AC1A872274BA7F2DF480F8794505C75B7FEBB264A85DD3E27CE0D40D22FB4A7391B661BA65ED8D9A29FAB4C2

8533628_sb0096_Statement_Under_37_CFR_3.73b_2024_signed.pdf	1655E826FE3B5FEDE7128B95DC800500F53445AA226E52D5136799B3294DF0F8B48267F6BFFF12EE39F9385265DCBE3D19C10B4A62683572AF3413D9BB9778E1

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/SB/96 (11-18)
Approved for use through 11/30/2020. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: SoftView L.L.C.

Application No./Patent No.: 8533628 Filed/Issue Date: September 10, 2013

Titled: Method, Apparatus, and Browser to Support Full-page Web Browsing on Held-held Wireless De

Softview L.L.C., a Corporation

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.

states that it is:

1. ☒ the assignee of the entire right, title, and interest in;

2. ☐ an assignee of less than the entire right, title, and interest in (The extent (by percentage) of its ownership interest is _____ %); or

3. ☐ the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made) the patent application/patent identified above, by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or a copy* is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Gary B. Rohrabaugh and Scott A. Sherman To: SoftSource Corporation

The document was recorded in the United States Patent and Trademark Office at Reel 020217, Frame 0564, or a copy* is attached.

2. From: SoftSource Corporation To: SoftSource LLC

The document was recorded in the United States Patent and Trademark Office at Reel 020217, Frame 0569, or a copy* is attached.

3. From: SoftSource LLC To: Gary B. Rohrabaugh

The document was recorded in the United States Patent and Trademark Office at Reel 020217, Frame 0574, or a copy* is attached.

☒ Additional documents in the chain of title are listed on a supplemental sheet(s).

☐ *As required by 37 CFR 3.73(b)(1)(i), if a copy/copies is/are attached, the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (*i.e.*, a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Richard Paulson — Signature

Feb. 25, 2025 — Date

Richard Paulson — Printed or Typed Name

Manager — Title or Registration Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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PTO/SB/96 (11-18)
Approved for use through 11/30/2020. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Applicant/Patent Owner: SoftView L.L.C.

Application No./Patent No.: 8533628 Filed/Issue Date: September 10, 2013

Titled: Method, Apparatus, and Browser to Support Full-page Web Browsing on Held-held Wireless De

Softview L.L.C., a Corporation

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.

states that it is:

1. ■ the assignee of the entire right, title, and interest in;

2. ☐ an assignee of less than the entire right, title, and interest in (The extent (by percentage) of its ownership interest is _____ %); or

3. ☐ the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

the patent application/patent identified above, by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel_____, Frame_____, or a copy* is attached.

OR

B. ■ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Gary B. Rohrabaugh To: SoftView L.L.C.

The document was recorded in the United States Patent and Trademark Office at

Reel 024358, Frame 0179, or a copy* is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel_____, Frame_____, or a copy* is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel_____, Frame_____, or a copy* is attached.

☒ Additional documents in the chain of title are listed on a supplemental sheet(s).

☐ *As required by 37 CFR 3.73(b)(1)(i), if a copy/copies is/are attached, the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (*i.e.*, a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

_____ _____

Signature Date

_____ _____

Printed or Typed Name Title or Registration Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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United States Patent and Trademark Office
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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/735,477	04/15/2007	Gary B. Rohrabaugh	161539-0002(P001XC)

CONFIRMATION NO. 2104

29000
Irell & Manella LLP
840 Newport Center Dr., Ste. 400
Newport Beach, CA 92677

POWER OF ATTORNEY NOTICE

OC000000085601403

Date Mailed: 03/11/2025

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 02/25/2025.

- The Power of Attorney to you in this application has been revoked by the applicant. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at **(571) 272-4000** or **(571) 272-4200** or **1-888-786-0101**.

/sltorres/

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
11/735,477	04/15/2007	Gary B. Rohrabaugh	161539-0002(P001XC)

CONFIRMATION NO. 2104

59860
LAW OFFICE OF R. ALAN BURNETT
4108 131ST AVE. SE
BELLEVUE, WA 98006

POA ACCEPTANCE LETTER

OC000000085601419

Date Mailed: 03/11/2025

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 02/25/2025.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at **(571) 272-4000** or **(571) 272-4200** or **1-888-786-0101**.

/sltorres/