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TITLE OF THE INVENTION

SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES

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SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES

RELATED APPLICATIONS

[0001] This application is a Continuation of U.S. Non-provisional Application No. 11/738,486, filed April 21, 2007, (to be issued as U.S. 7,831,926) entitled "SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES," which 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. 09/828,511, filed April 7, 2001, (Abandoned) entitled "RESOLUTION INDEPENDENT VECTOR DISPLAY OF INTERNET CONTENT," the benefit of the filing dates of which is claimed under 35 U.S.C. § 120. 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.

[0002] This application also contains subject matter related to Divisionals (of U.S. Non-provisional Application No. 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. 11/735,477 and 11/735,482, both filed

on April 15, 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.

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BACKGROUND OF THE INVENTION

Field of the Invention

[0004] The invention relates generally to viewing of Internet content on mobile devices, and more particularly concerns to novel processing of Internet and World Wide Web content to scalable forms for resolution-independent rendering and zoom- and pan-enabling the display of content on mobile devices.

Description of the Related Art

[0005] 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.

[0006] 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.

[0007] 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] In accordance with aspects of the invention, mobile devices are enabled to support resolution-independent scalable display of Internet (Web) content to allow Web pages to be scaled (zoomed) and panned for better viewing on smaller screen sizes are disclosed. The mobile devices employ novel processing of original Web content, including HTML-based content, XML, cascade style sheets, etc. to generate scalable content. The scalable content and/or data derived therefrom are then employed to enable the Web content to be rapidly rendered, zoomed, and panned. Display lists may also be employed to provide further enhancements in rendering speed.

[0008] According to further aspects, the mobile devices employ touch-sensitive display screens that enable users to provide various inputs to control display of content within Web pages. Exemplary user inputs include tap-based inputs to selectively zoom in on columns, images, and paragraphs. Users can also define a window to zoom in on via the touch-sensitive display.

[0009] 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 2A (wherein analogous operations now being performed by the client are respectively shown as blocks 117, 119, and 121 in FIGURE 2C), 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 1A. 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"
```

```
 align=center>
    <tr>
            <a href=”URL or path for LINK #9” <img src=”/directory
            path/GRAPHIC#6” height=”50” width =”150></a>
    <tr>
            <a href=”URL or path for LINK #10” <img src=”/directory
            path/GRAPHIC#7” height=”50” width =”150></a>
    <tr>
            <a href=”URL or path for LINK #11” <img src=”/directory
            path/GRAPHIC#8” height=”50” width =”150></a>

</table>
</frame>

<frame>

<table>
    <tr>
            <table width="100%" border=0 cellspacing=15 cellpadding=0
             bgcolor="#000000" align=center>
       <tr>
            <td><a href=”URL or path for link#1”> alt=”QUOTES”</a>
            <td><a href=”URL or path for link#2”> alt=”HOT PICKS”</a>
            <td><a href=”URL or path for link#3> alt=”CALENDERS”</a>
            <td><a href=”URL or path for link#4>alt=”NEWS”</a>
</table><br>
     <br>
            <img src=”URL for GRAPHIC #9” align=center
             border=”0” height=”80” width=”325”>
    <br><t1>HEADLINE TEXT>/t1>
    <table>
        <Colgroup span=”2”>
            <Col width = “400” align=“center”>
            <Col width = “200” align=”center”>
            <tr><td>
                    <img src=”/directory path/GRAPHIC #10” align = center
                    border=“0” height=”180” width=”350”>
            <td>
   /*   INPUT FOR ACCOUNT NUMBER AND ACCESS CODE   */
    <SCRIPT LANGUAGE =”Javascript”>
    <!---
            [Javascript variable declarations]
            [Javascript functions to enable login]  ---!>
    </SCRIPT>
      <table>
        <td>
            <img src=”/directory path/GRAPHIC #11” align = center>
            <table width=”150” height=”25”>
            <td>
            <font size=-2 face="arial,helvetica,verdana">Account #</font>
            <tr><input type=text name="USERID" maxlength=9 size=20>
            <tr><font size=-2 face="arial, helvetica">Access Code:</font>
            <tr><input type=password name="PASSWORD" maxlength=10 size=20
                    onKeyDown="SuppressEnterBell(event)"
                    onKeyPress="SuppressEnterBell(event)"
                    onKeyUp="SubmitOnEnter(event)">
            <br> 
            <br><input type="button" value="Login"
```

```
90.                OnClick="ProcessForm()">&amp;nbsp;&amp;nbsp;<input type="reset">
91.               <br>&amp;nbsp;
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 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 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.

[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 on how the vectors and bounding boxes corresponding to image objects 250B and 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.

[0094] As shown in FIGURE 4G, respective offsets in X and Y, (-ΔX and -ΔY 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.

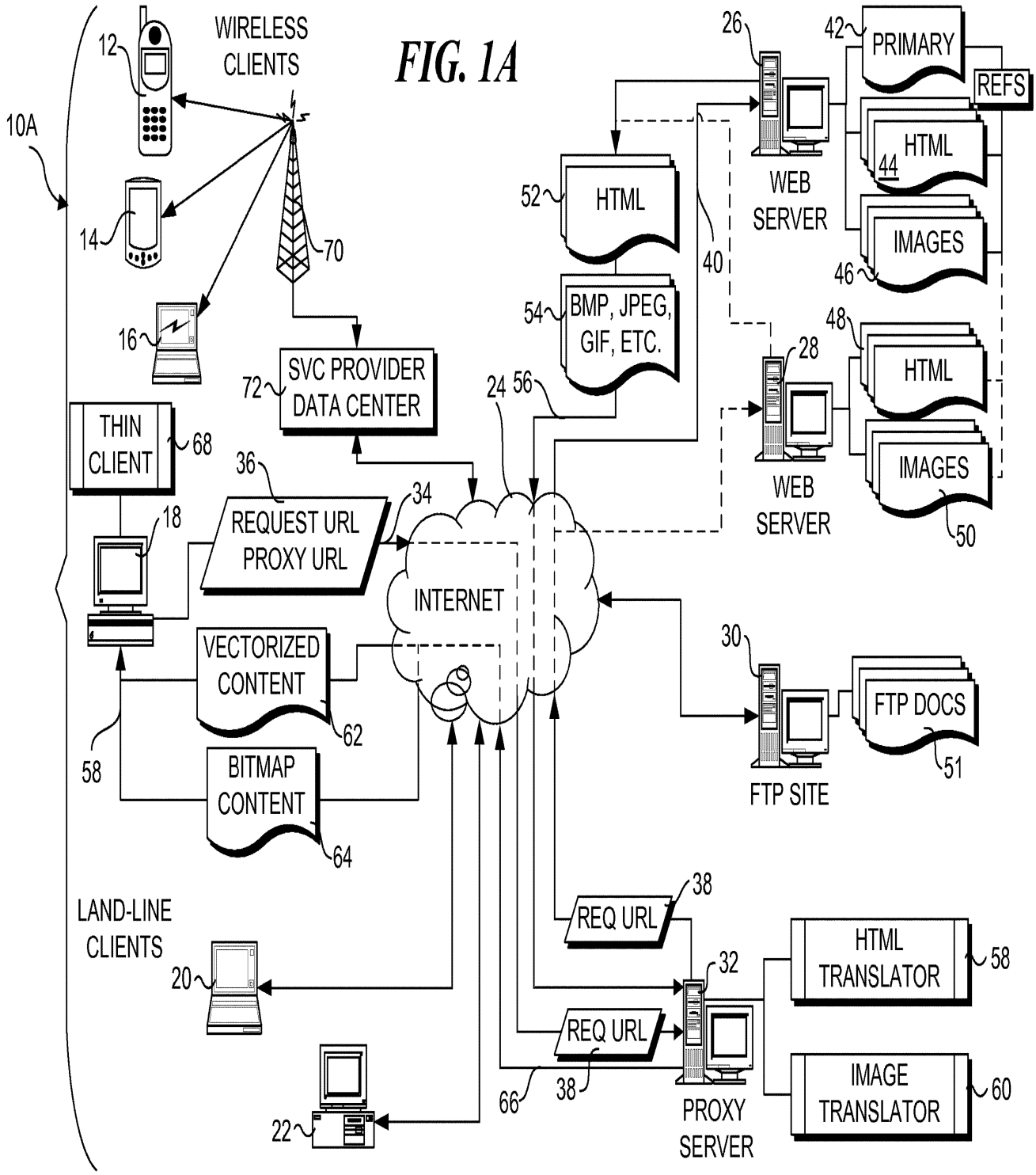
[00103] A data storage device 507 such as a magnetic disk or optical disc and its corresponding drive may also be coupled to bus 501 for storing information and instructions. Computer system 500 can also be coupled via bus 501 to a display device 521, such as a cathode ray tube (CRT) or Liquid Crystal 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.


FIG. 1A
WIRELESS CLIENTS
12
10A
14
16
70
72
SVC PROVIDER DATA CENTER
THIN CLIENT
68
18
36
REQUEST URL PROXY URL
34
INTERNET
24
56
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
28
WEB SERVER
48
HTML
IMAGES
50
30
FTP SITE
FTP DOCS
51

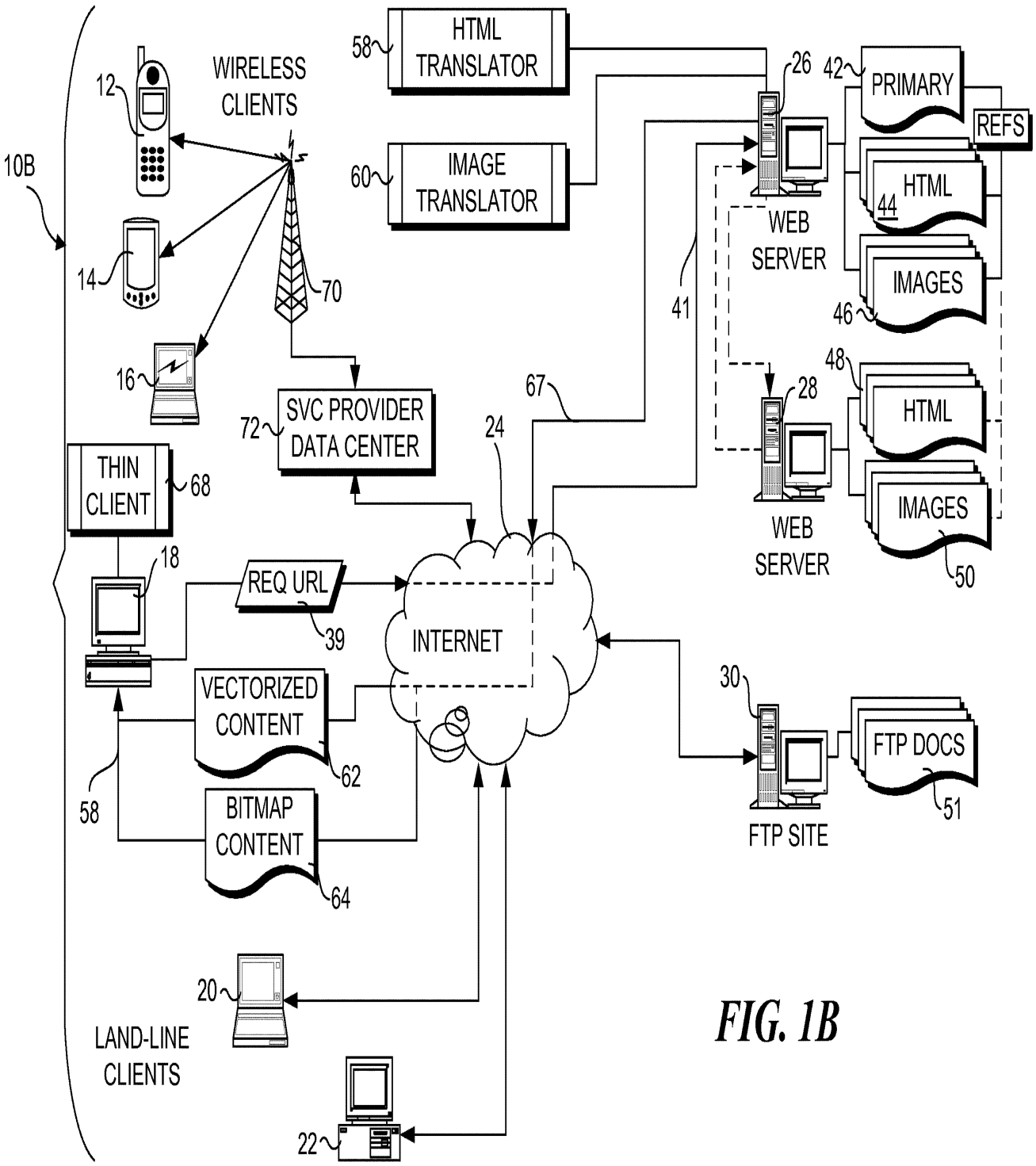

10B
WIRELESS CLIENTS
12
14
16
70
58
HTML TRANSLATOR
60
IMAGE TRANSLATOR
26
WEB SERVER
42
PRIMARY
REFS
HTML
44
IMAGES
46
41
48
HTML
28
WEB SERVER
IMAGES
50
67
24
72
SVC PROVIDER DATA CENTER
THIN CLIENT
68
18
REQ URL
39
INTERNET
VECTORIZED CONTENT
62
58
BITMAP CONTENT
64
30
FTP DOCS
51
FTP SITE
20
LAND-LINE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

FIG. 1B

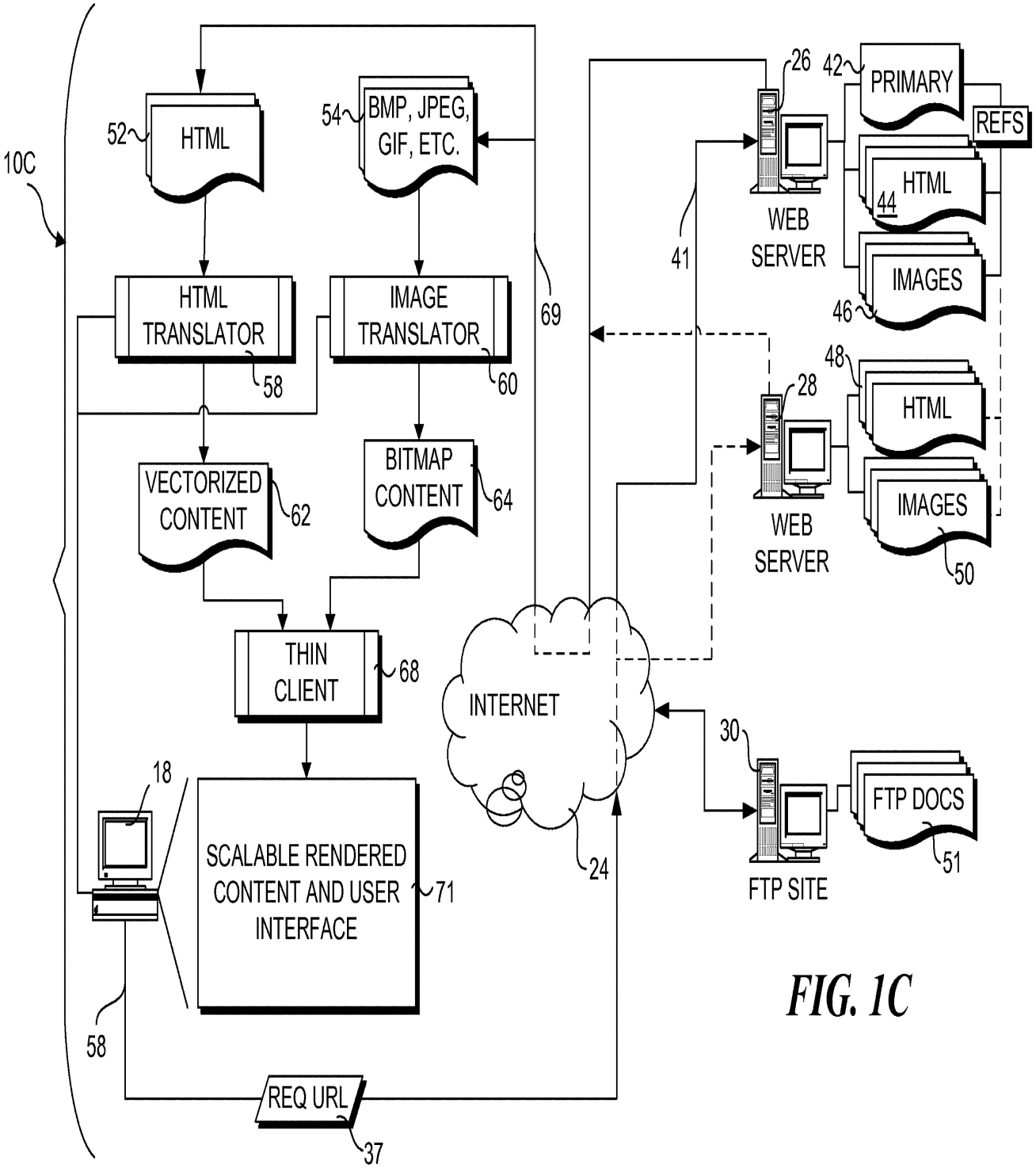

10C
52
HTML
54
BMP, JPEG, GIF, ETC.
HTML TRANSLATOR
58
IMAGE TRANSLATOR
60
69
VECTORIZED CONTENT
62
BITMAP CONTENT
64
THIN CLIENT
68
18
SCALABLE RENDERED CONTENT AND USER INTERFACE
71
58
REQ URL
37
INTERNET
24
26
42
PRIMARY
REFS
WEB SERVER
41
HTML
44
IMAGES
46
48
28
HTML
WEB SERVER
IMAGES
50
30
FTP DOCS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

FIG. 1C

FIG. 2A

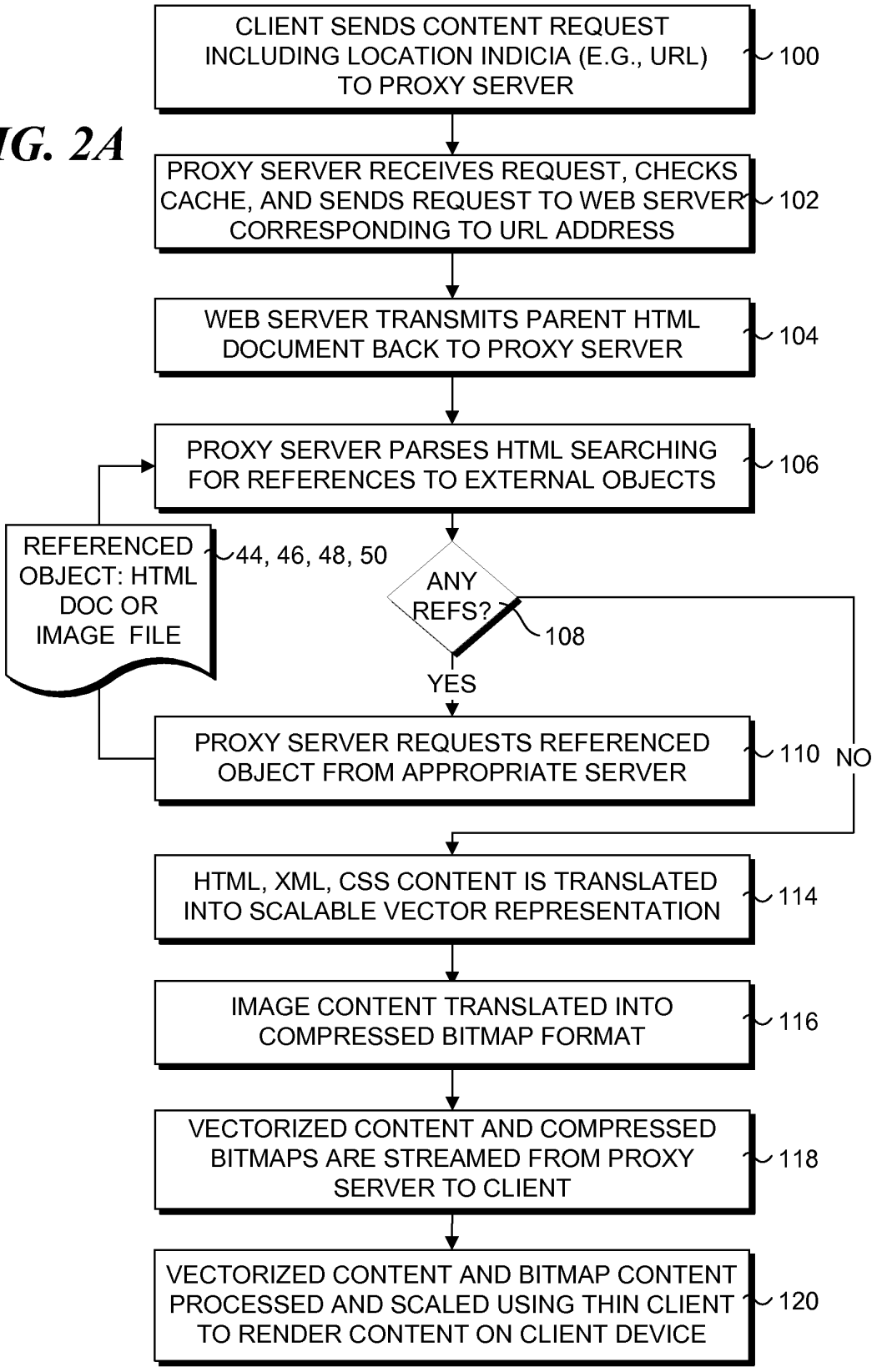

CLIENT SENDS CONTENT REQUEST INCLUDING LOCATION INDICIA (E.G., URL) TO PROXY SERVER
100
PROXY SERVER RECEIVES REQUEST, CHECKS CACHE, AND SENDS REQUEST TO WEB SERVER CORRESPONDING TO URL ADDRESS
102
WEB SERVER TRANSMITS PARENT HTML DOCUMENT BACK TO PROXY SERVER
104
PROXY SERVER PARSES HTML SEARCHING FOR 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, 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

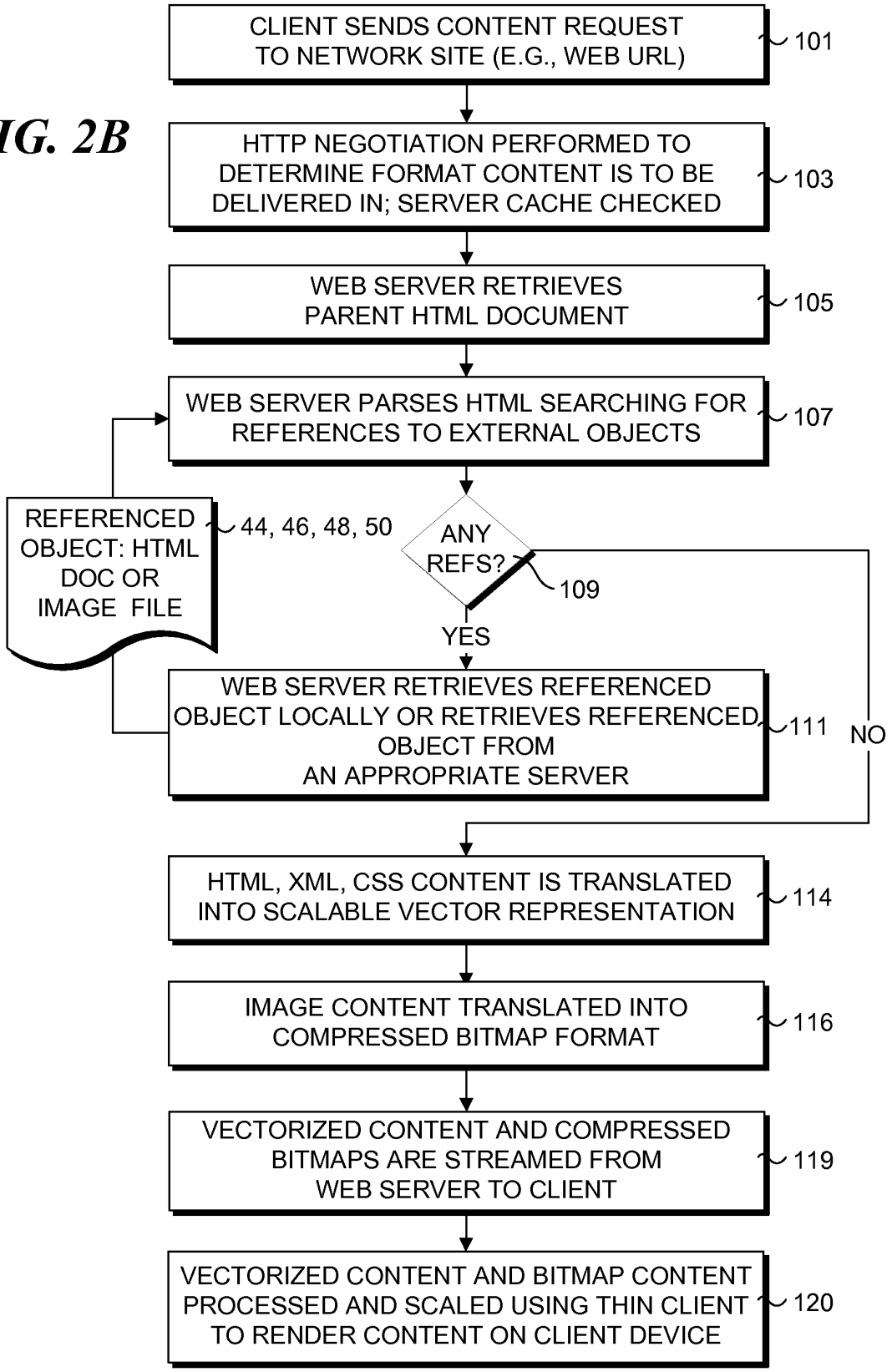
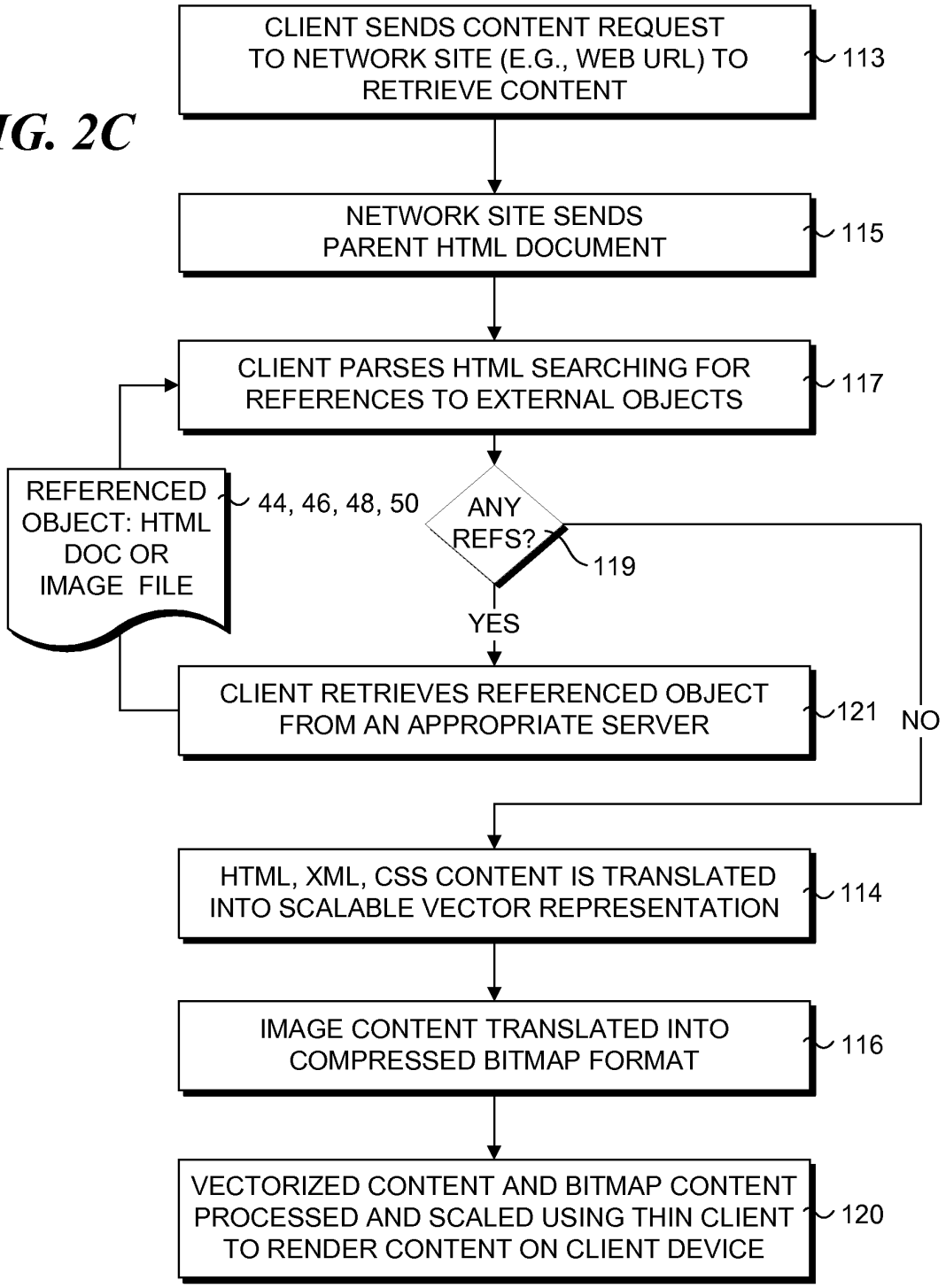

CLIENT SENDS CONTENT REQUEST TO NETWORK SITE (E.G., WEB URL)
101
HTTP NEGOTIATION PERFORMED TO DETERMINE FORMAT CONTENT IS TO BE DELIVERED IN; SERVER CACHE CHECKED
103
WEB SERVER RETRIEVES PARENT HTML DOCUMENT
105
WEB SERVER PARSES HTML SEARCHING FOR REFERENCES TO EXTERNAL OBJECTS
107
REFERENCED OBJECT: 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

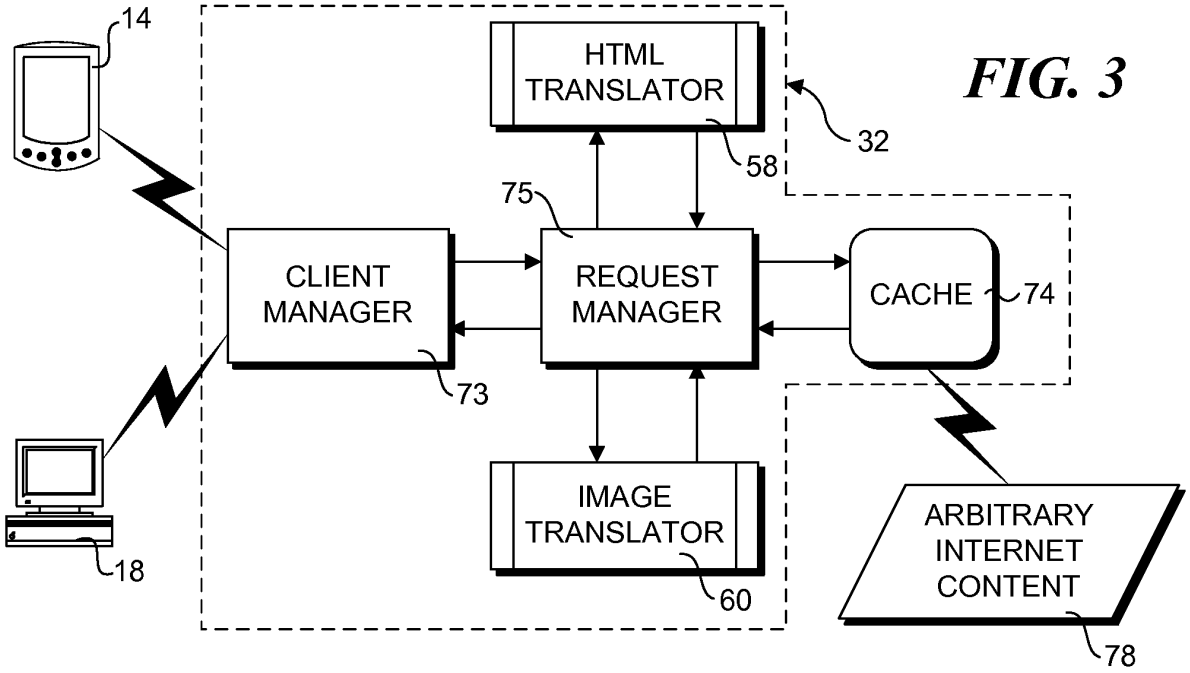

14
HTML TRANSLATOR
58
32
75
CLIENT MANAGER
73
REQUEST MANAGER
CACHE
74
18
IMAGE TRANSLATOR
60
ARBITRARY INTERNET CONTENT
78

FIG. 3

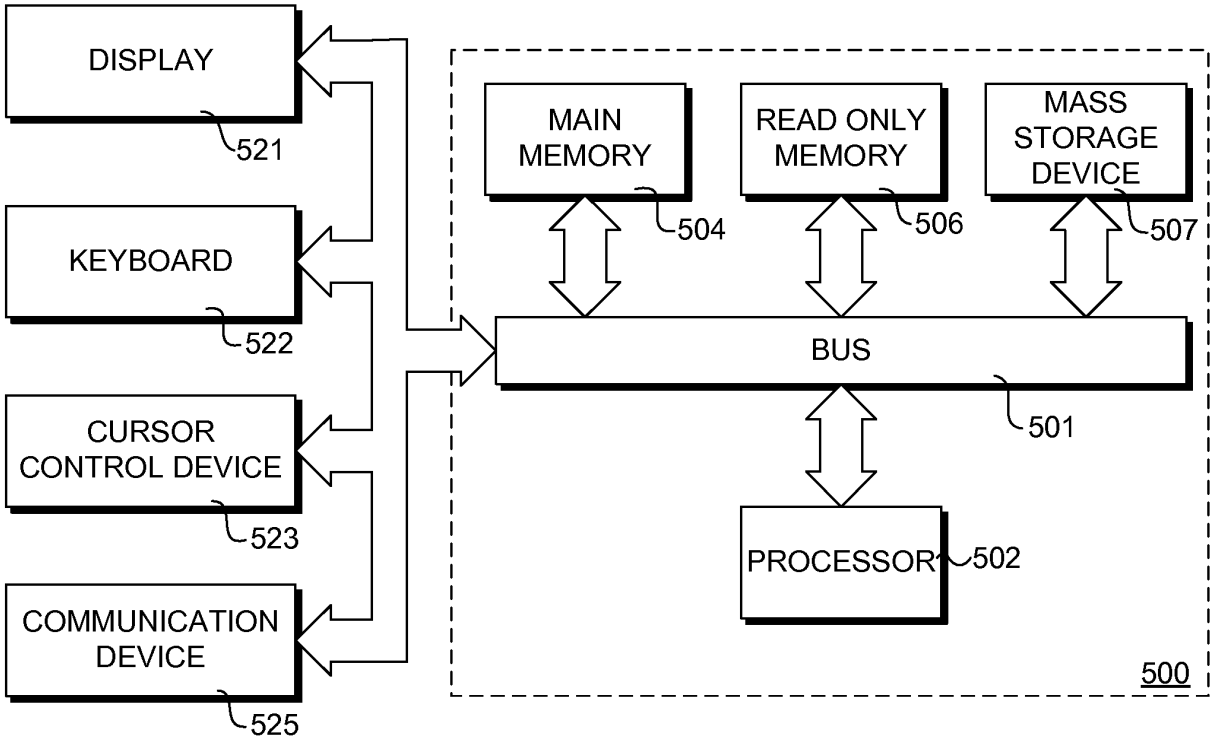

DISPLAY
521
KEYBOARD
522
CURSOR CONTROL DEVICE
523
COMMUNICATION DEVICE
525
MAIN MEMORY
504
READ ONLY MEMORY
506
MASS STORAGE DEVICE
507
BUS
501
PROCESSOR
502
500

FIG. 10

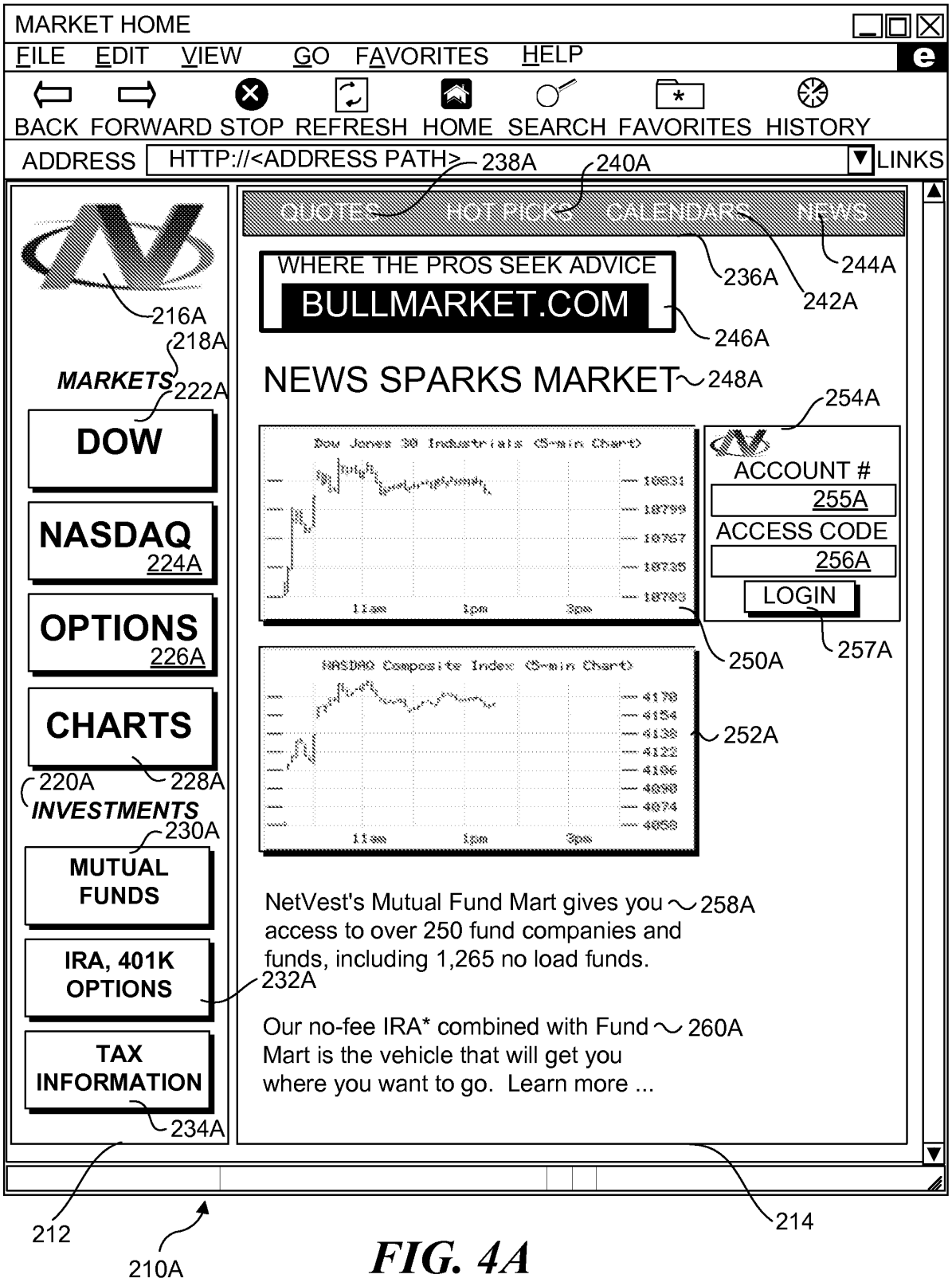

MARKET HOME
FILE EDIT VIEW GO FAVORITES HELP
BACK FORWARD STOP REFRESH HOME SEARCH FAVORITES HISTORY
ADDRESS HTTP://<ADDRESS PATH>
LINKS
238A
240A
QUOTES
HOT PICKS
CALENDARS
NEWS
244A
236A
242A
WHERE THE PROS SEEK ADVICE
BULLMARKET.COM
246A
216A
218A
MARKETS
222A
NEWS SPARKS MARKET
248A
254A
DOW
NASDAQ
224A
OPTIONS
226A
CHARTS
220A
228A
INVESTMENTS
230A
MUTUAL FUNDS
IRA, 401K OPTIONS
232A
TAX INFORMATION
234A
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

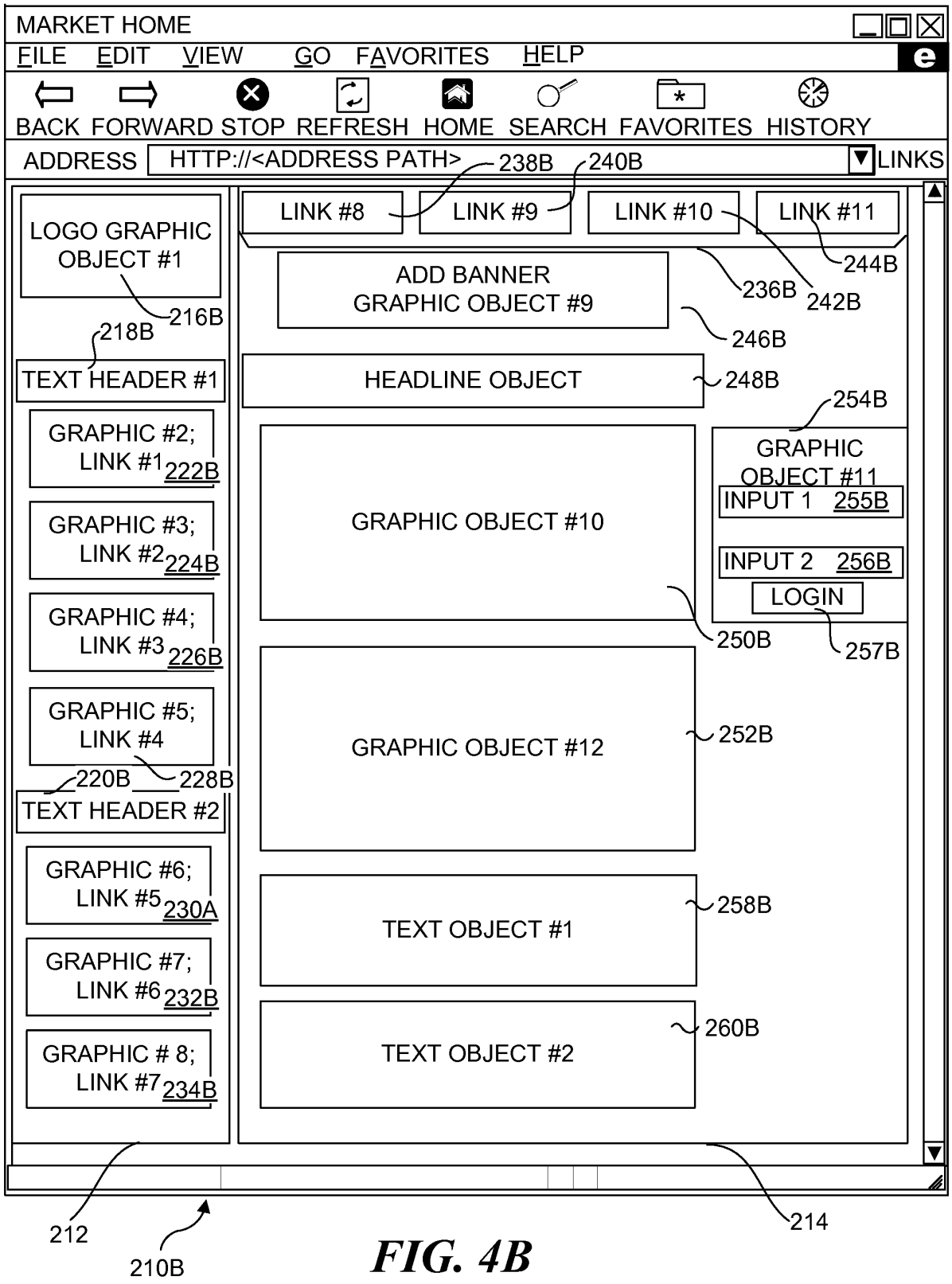

MARKET HOME
FILE EDIT VIEW GO FAVORITES HELP
BACK FORWARD STOP REFRESH HOME SEARCH FAVORITES HISTORY
ADDRESS HTTP://<ADDRESS PATH>
LINKS
238B
240B
LINK #8
LINK #9
LINK #10
LINK #11
244B
236B
242B
LOGO GRAPHIC OBJECT #1
216B
ADD BANNER GRAPHIC OBJECT #9
246B
218B
TEXT HEADER #1
HEADLINE OBJECT
248B
254B
GRAPHIC #2; LINK #1 222B
GRAPHIC OBJECT #11
INPUT 1 255B
GRAPHIC OBJECT #10
GRAPHIC #3; LINK #2 224B
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

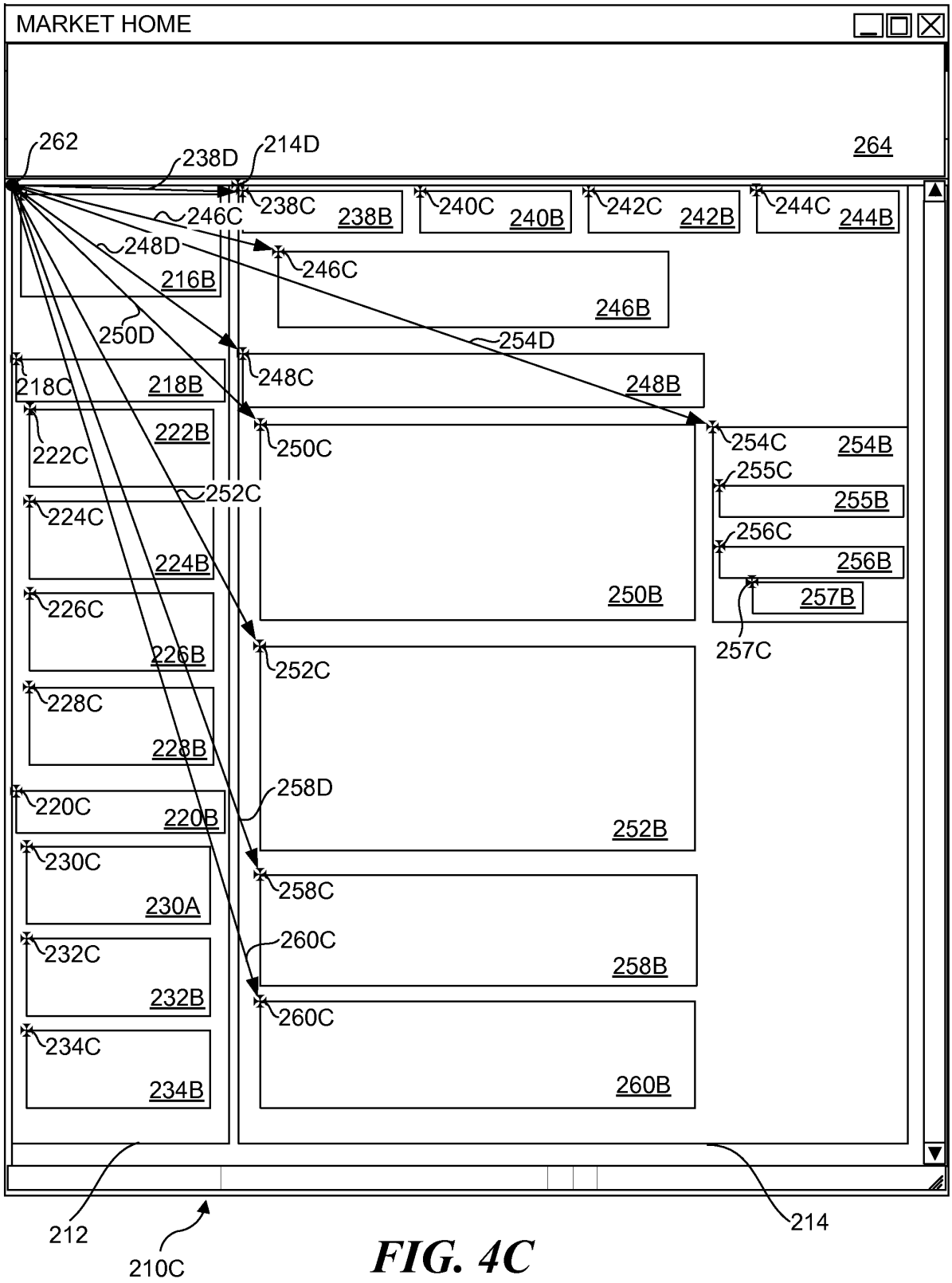

MARKET HOME
262
238D
214D
264
238C
238B
240C
240B
242C
242B
244C
244B
246C
248D
216B
246C
246B
250D
254D
218C
218B
248C
248B
222B
222C
250C
254C
254B
255C
255B
252C
224C
256C
256B
224B
250B
257B
226C
257C
226B
252C
228C
228B
258D
220C
220B
252B
230C
230A
258C
260C
232C
258B
232B
260C
234C
234B
260B
212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

FIG. 4C

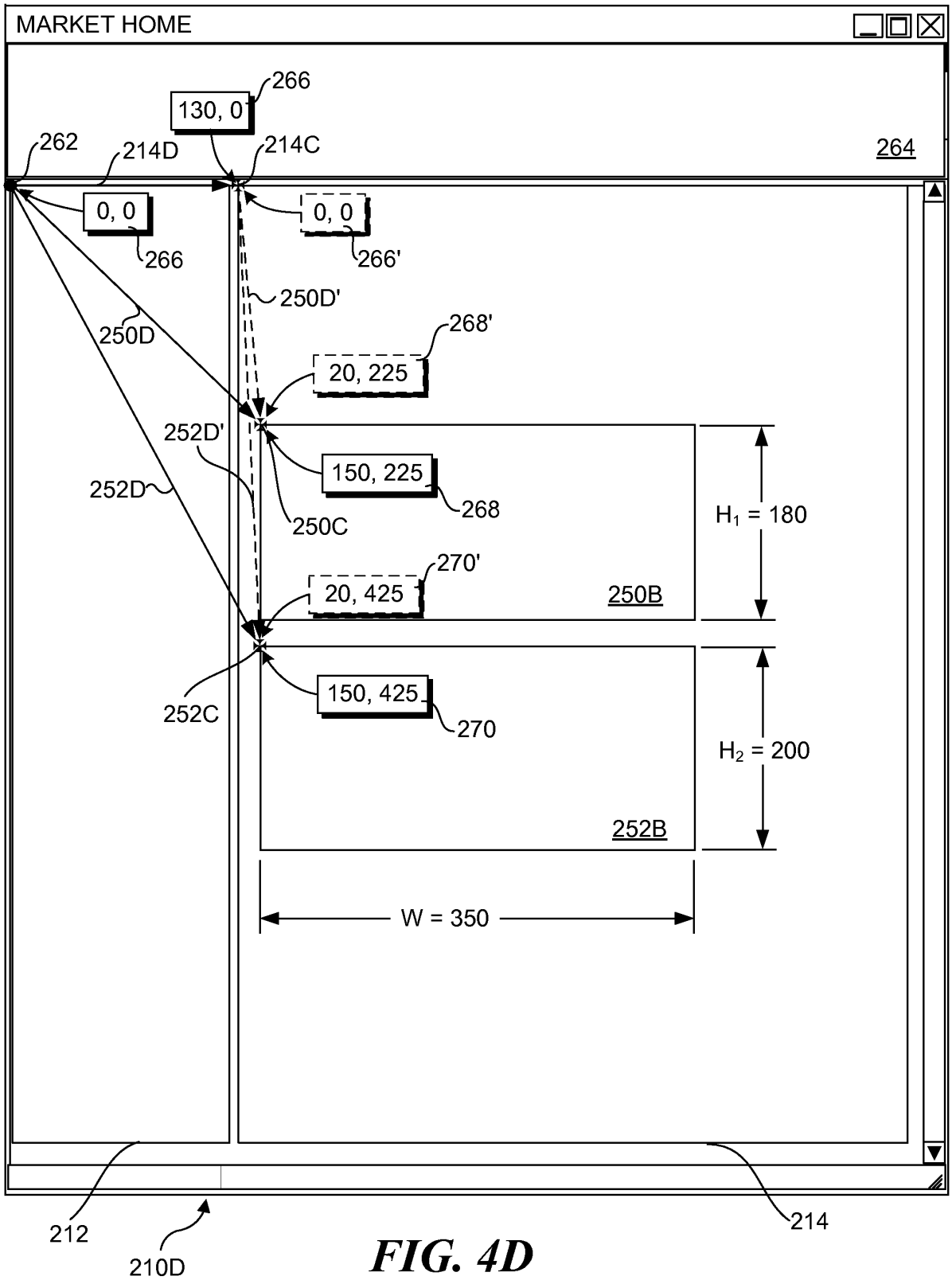
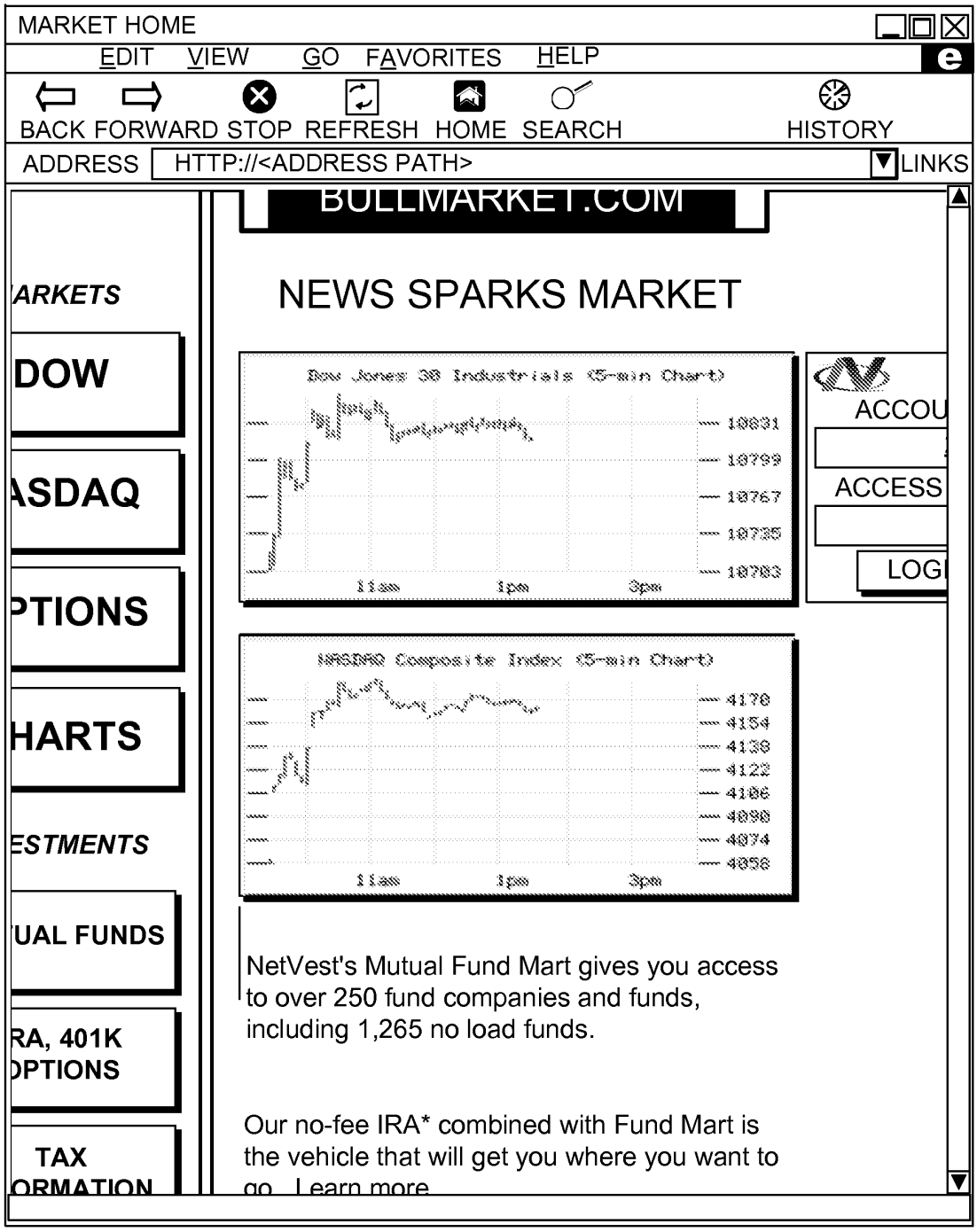

MARKET HOME
266
130, 0
262
214D
214C
264
0, 0
266
0, 0
266'
250D'
250D
268'
20, 225
252D'
252D
150, 225
268
250C
H_1 = 180
270'
20, 425
250B
252C
150, 425
270
H_2 = 200
252B
W = 350
212
210D
214

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

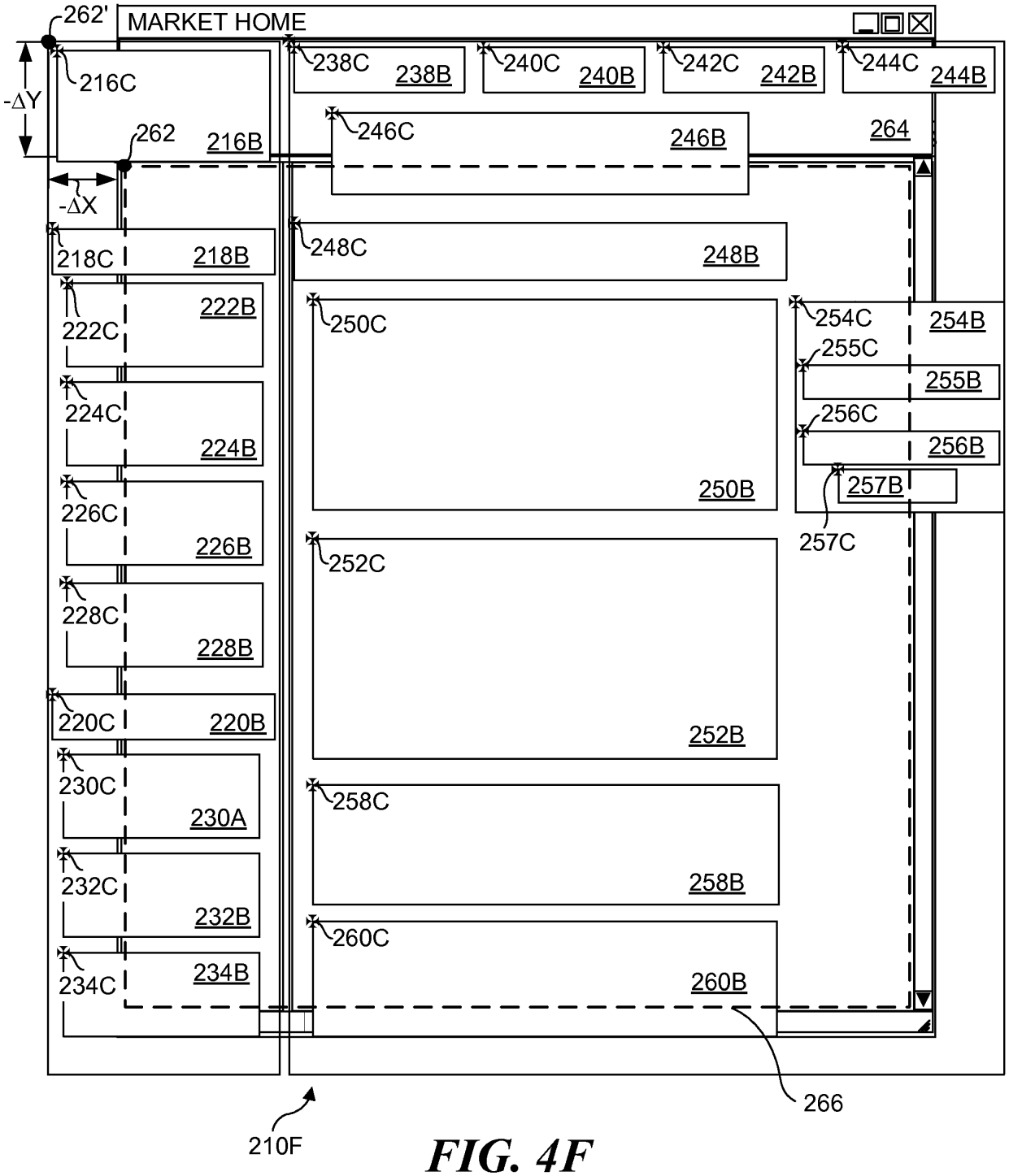

262'
MARKET HOME
216C
-ΔY
262
216B
238C
238B
240C
240B
242C
242B
244C
244B
246C
246B
264
-ΔX
218C
218B
248C
248B
222C
222B
250C
254C
254B
255C
255B
224C
224B
256C
256B
226C
226B
250B
257B
257C
228C
228B
252C
220C
220B
252B
230C
230A
258C
258B
232C
232B
260C
234C
234B
260B
266
210F

FIG. 4F

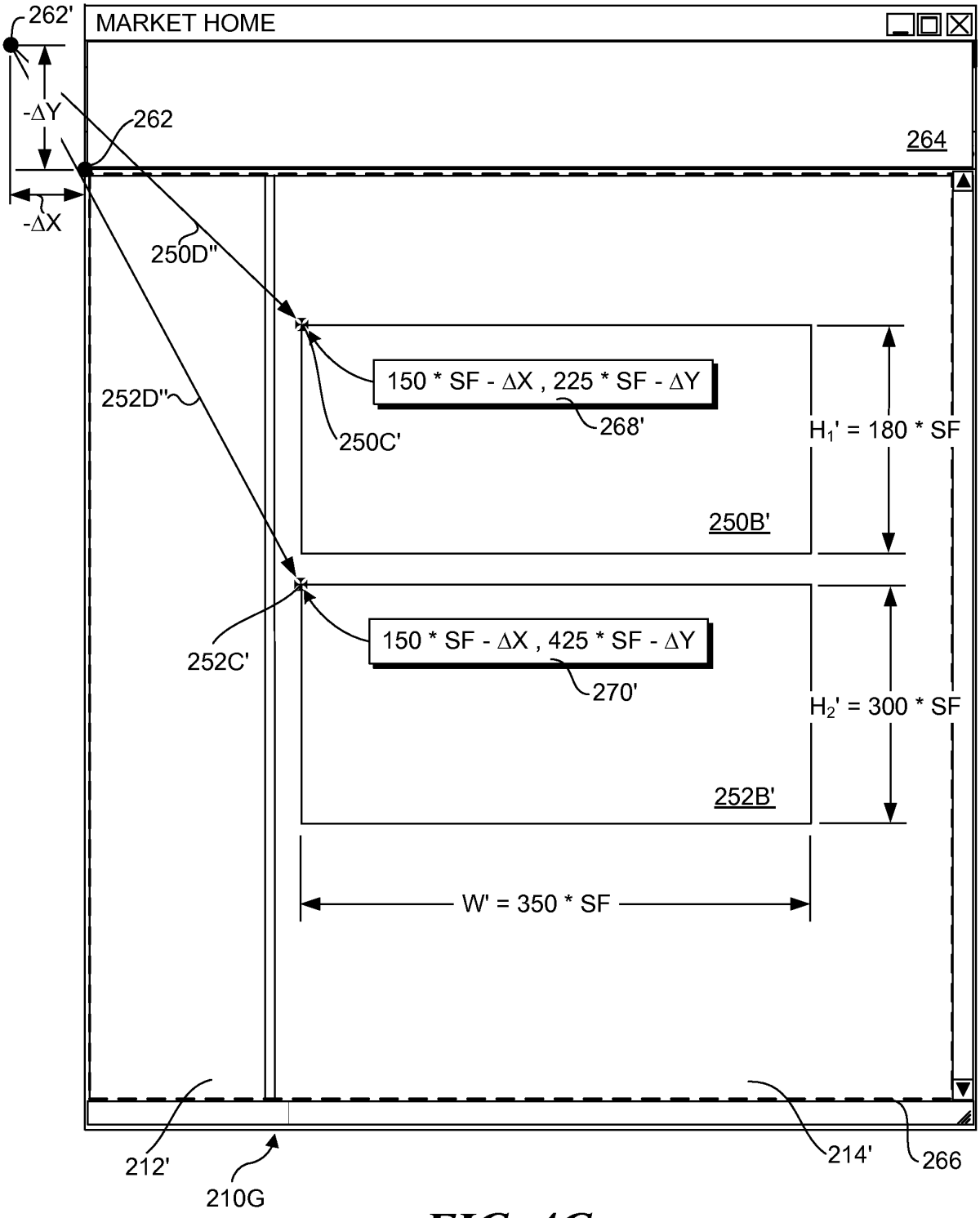

262'
MARKET HOME
-ΔY
262
264
-ΔX
250D"
252D"
150 * SF - ΔX , 225 * SF - ΔY
268'
250C'
H1' = 180 * SF
250B'
252C'
150 * SF - ΔX , 425 * SF - ΔY
270'
H2' = 300 * SF
252B'
W' = 350 * SF
212'
210G
214'
266

FIG. 4G

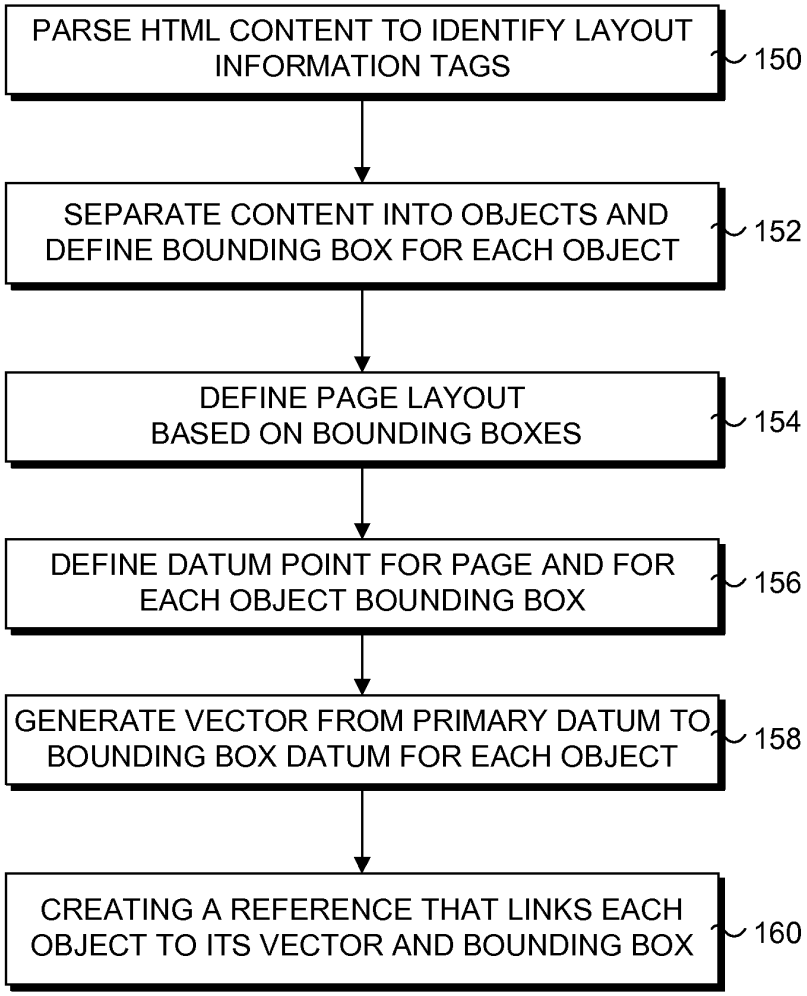

PARSE HTML CONTENT TO IDENTIFY LAYOUT INFORMATION TAGS
150
SEPARATE CONTENT INTO OBJECTS AND DEFINE BOUNDING BOX FOR EACH OBJECT
152
DEFINE PAGE LAYOUT BASED ON BOUNDING BOXES
154
DEFINE DATUM POINT FOR PAGE AND FOR EACH OBJECT BOUNDING BOX
156
GENERATE VECTOR FROM PRIMARY DATUM TO BOUNDING BOX DATUM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

FIG. 5

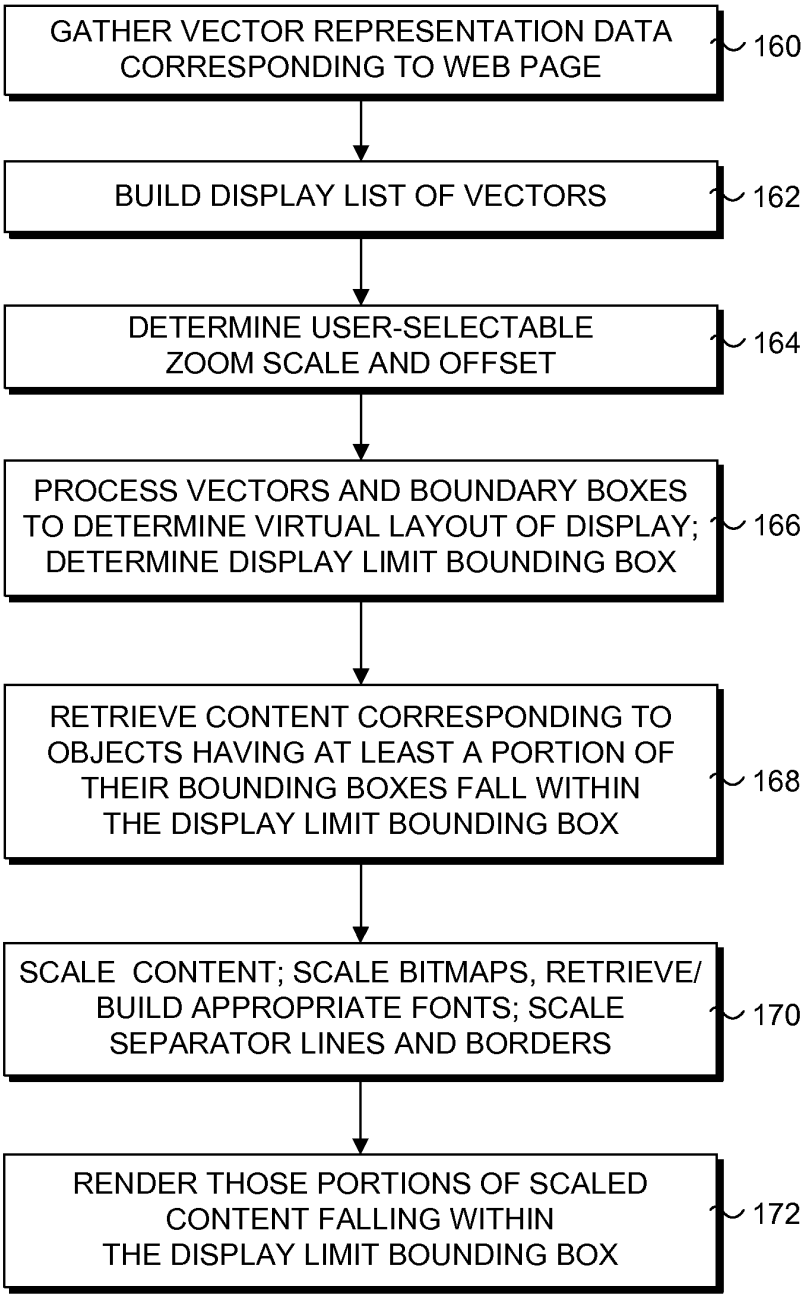

GATHER VECTOR REPRESENTATION DATA CORRESPONDING TO WEB PAGE
160
BUILD DISPLAY LIST OF VECTORS
162
DETERMINE USER-SELECTABLE ZOOM SCALE AND OFFSET
164
PROCESS VECTORS AND BOUNDARY BOXES TO DETERMINE VIRTUAL LAYOUT OF DISPLAY; DETERMINE DISPLAY LIMIT BOUNDING BOX
166
RETRIEVE CONTENT CORRESPONDING TO OBJECTS 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

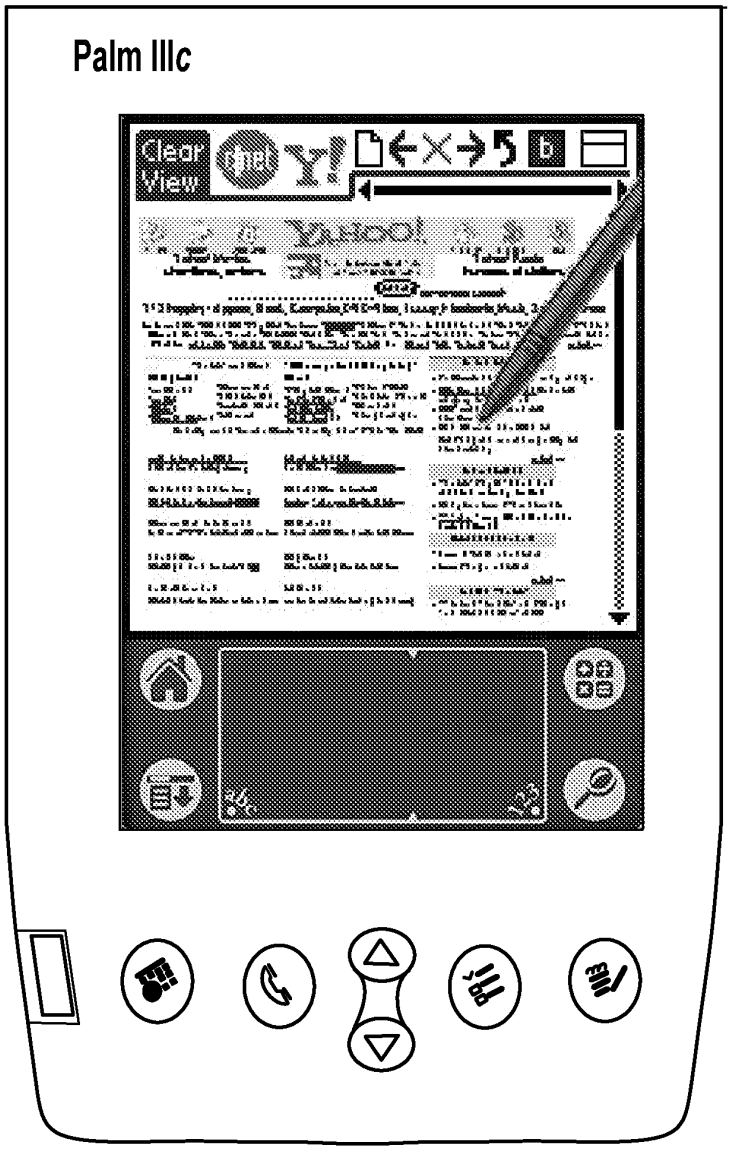


FIG. 7A

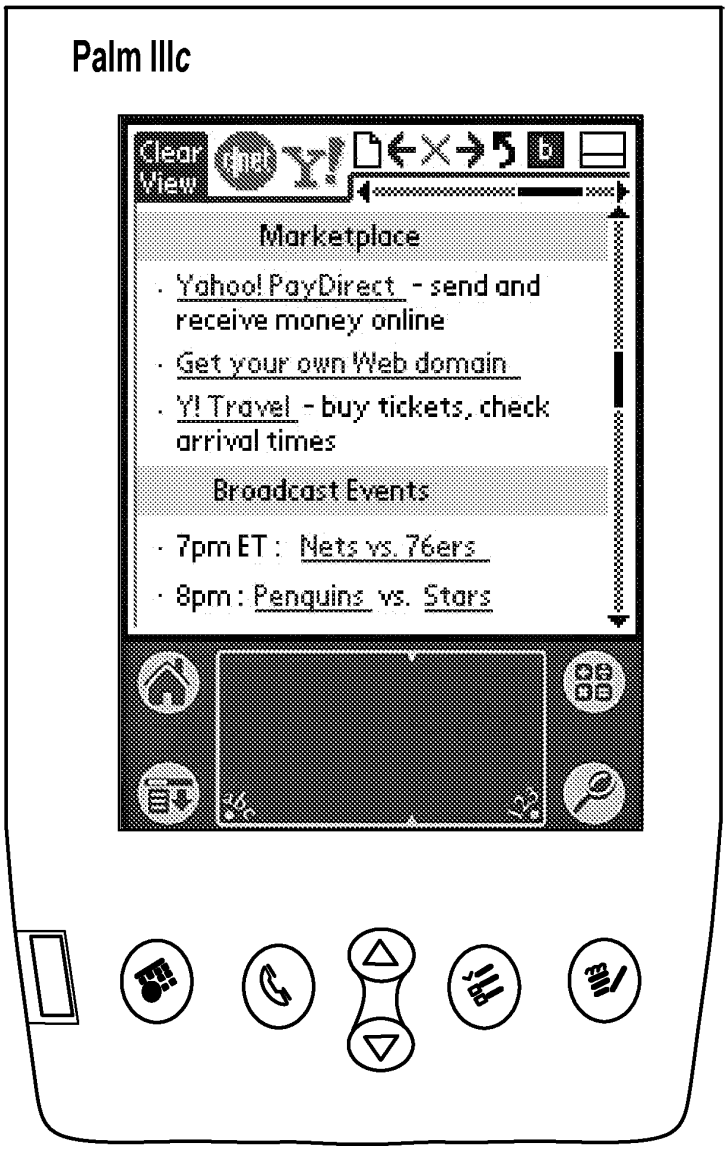

Palm IIIc
Clear View
Marketplace
· Yahoo! PayDirect - send and receive money online
· Get your own Web domain
· Y! Travel - buy tickets, check arrival times
Broadcast Events
· 7pm ET : Nets vs. 76ers
· 8pm : Penguins vs. Stars

FIG. 7B

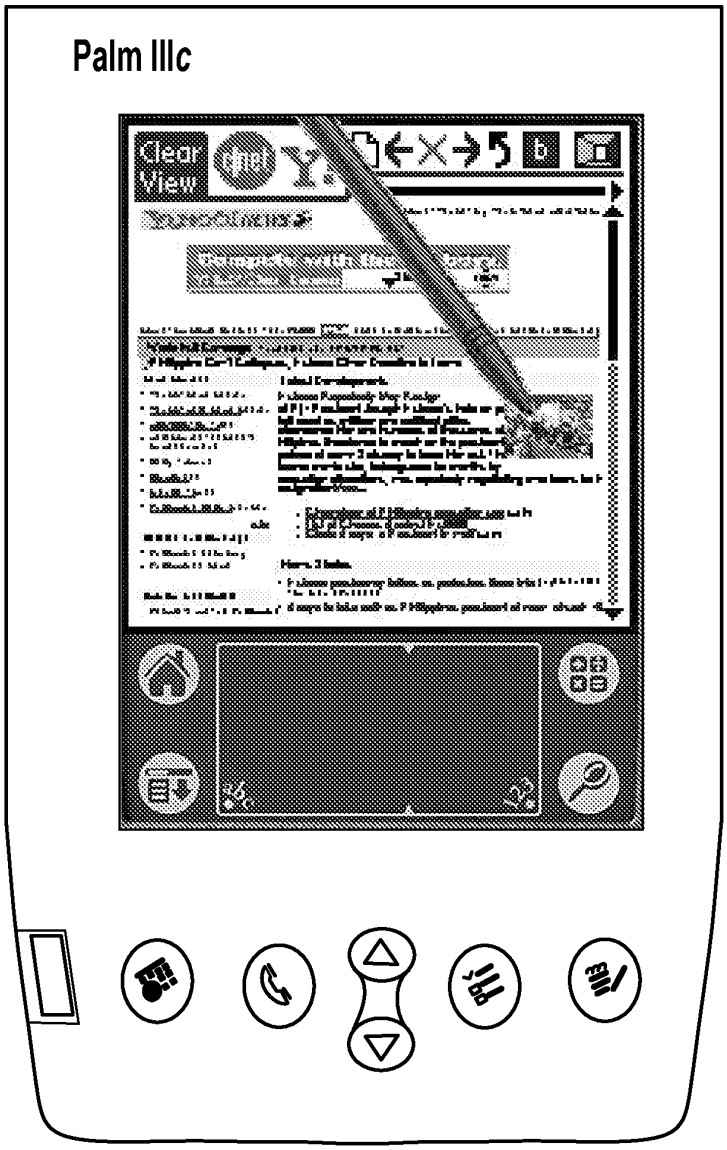


FIG. 8A



FIG. 8B



FIG. 9A

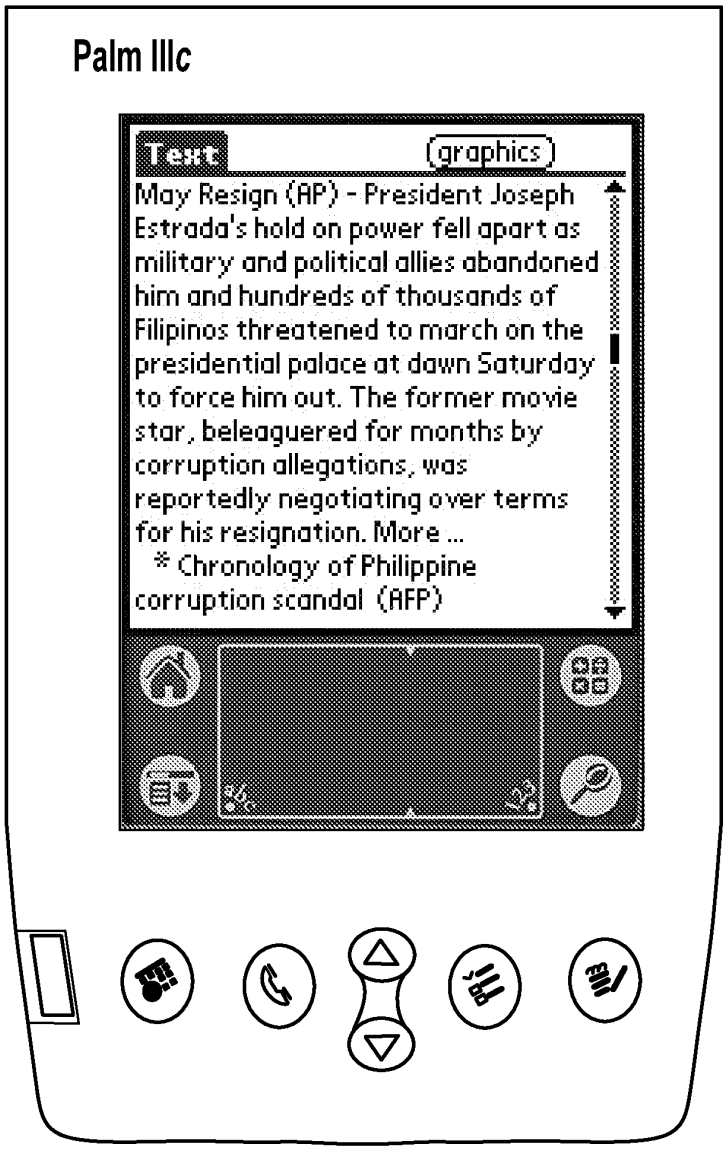

Palm IIIc
Text
(graphics)
May Resign (AP) - President Joseph Estrada's hold on power fell apart as military and political allies abandoned him and hundreds of thousands of Filipinos threatened to march on the presidential palace at dawn Saturday to force him out. The former movie star, beleaguered for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

FIG. 9B

CLAIMS

What is claimed is:

1. A method, comprising:

enabling a user of a mobile device having a touch-sensitive display to request access to a Web page comprising HTML-based Web content defining an original page layout, functionality, and design of content on the Web page;

retrieving and processing the HTML-based Web content to produce scalable content; and

employing the scalable content and/or data derived therefrom to,

render a view of the Web page on the touch-sensitive display; and

re-render the Web page in response to associated user inputs to enable the user to iteratively zoom in and out views of the Web page while preserving an original page layout, functionality, and design defined by the HTML-based Web content as interpreted by a rendering engine,

wherein preservation of the functionality defined by the HTML-based Web content includes preservation of hyperlink functionality.

2. The method of claim 1, wherein the mobile device comprises a mobile phone.

3. The method of claim 1, further comprising enabling the user to zoom in on a user-selectable portion of a display of the Web page in response to a user interface input made via the touch-sensitive display.

4. The method of claim 1, wherein the display of the Web page is re-rendered in real-time to effect zooming operations.

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

enabling the user to select a hyperlink via the touch-sensitive display; and, in response thereto,

retrieving and processing HMTL-based Web content associated with the hyperlink to produce additional scalable content; and

employing the additional scalable content and/or data derived therefrom to render the Web content associated with the hyperlink on the touch-sensitive display.

6. The method of claim 1, wherein at least a portion of the scalable content comprises scalable vector-based content.

7. The method of claim 1, further comprising enabling a user to pan views of the Web page in real-time in response to corresponding user inputs made via the touch-sensitive display.

8. The method of claim 1, further comprising enabling a user to zoom on a column of the Web content by tapping on the column via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that content corresponding to the selected column is displayed across the touch-sensitive display.

9. The method of claim 1, wherein the Web content includes at least one image, the method further comprising enabling a user to zoom on an image by tapping on the image via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that the image is displayed to fit a width of a display area of the touch-sensitive display used for displaying Web page content.

10. The method of claim 1, wherein the scalable content includes scalable text content, and wherein execution of the instructions performs further operations comprising scaling a scalable font to render the scalable text content.

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

employing the rendering engine to interpret a width of the Web page; and

rendering a view of the Web page wherein the width of the Web page is rendered to fit across a width of a display area on the touchscreen display used for displaying Web page content.

12. The method of claim 1, wherein the method enables the user to access user-selected Web pages from among billions of Web pages available via the World Wide Web while preserving an original page layout, hyperlink functionality, and design defined by the HTML-based Web content as interpreted by a rendering engine for each of the user-selected Web pages.

Electronic Patent Application Fee Transmittal

Application Number:	
Filing Date:	
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Gary Rohrabaugh
Filer:	R. Burnett
Attorney Docket Number:	005207.P001XC3C

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Utility filing Fee (Electronic filing)	4011	1	82	82
Utility Search Fee	2111	1	270	270
Utility Examination Fee	2311	1	110	110
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
		Total in USD ($)		**462**

Electronic Acknowledgement Receipt	
EFS ID:	8785733
Application Number:	12941106
International Application Number:	
Confirmation Number:	9016
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Gary Rohrabaugh
Customer Number:	59860
Filer:	R. Burnett
Filer Authorized By:	
Attorney Docket Number:	005207.P001XC3C
Receipt Date:	08-NOV-2010
Filing Date:	
Time Stamp:	09:10:45
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	$462
RAM confirmation Number	7035
Deposit Account	
Authorized User	

File Listing:

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

1		P001XC3C_AP.pdf	116398 ac92e1f215e9d73f17c8d7093e2e6392619d993c	yes	41

Multipart Description/PDF files in .zip description		
Document Description	**Start**	**End**
Specification	1	37
Claims	38	40
Abstract	41	41

Warnings:

Information:

2	Drawings-only black and white line drawings	P001XC3C_dwg1.pdf	1413743 266bde42606a47a9873b81f0558b2d51b0570af6	no	22

Warnings:

Information:

3	Fee Worksheet (PTO-875)	fee-info.pdf	33199 d86a5af74ba774a3c76a9c3b2fd77fa1bfb60b9b	no	2

Warnings:

Information:

Total Files Size (in bytes):	1563340

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.

ABSTRACT OF THE DISCLOSURE

Mobile devices enabled to support resolution-independent scalable display of Internet (Web) content to allow Web pages to be scaled (zoomed) and panned for better viewing on smaller screen sizes. The mobile devices employ software-based processing of original Web content, including HTML-based content, XML, cascade style sheets, etc. to generate scalable content. The scalable content and/or data derived therefrom are then employed to enable the Web content to be rapidly rendered, zoomed, and panned. Display lists may also be employed to provide further enhancements in rendering speed. Context zooms, including tap-based zooms on columns, images, and paragraphs are also enabled.

SCORE Placeholder Sheet for IFW Content

Application Number: 12941106 Document Date: 11/8/2010

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

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
12/941,106	11/08/2010	2178	462	005207.P001XC3C	12	1

CONFIRMATION NO. 9016

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

FILING RECEIPT

OC000000044758941

Date Mailed: 12/08/2010

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. 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 submit a written request for a Filing Receipt Correction. 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**

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 11/738,486 04/21/2007 PAT 7,831,926
which 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 12/941,106
is a DIV of 09/878,097 06/08/2001 PAT 7,210,099
and is a DIV of 11/045,649 01/28/2005 PAT 7,584,423
and is a DIV of 11/045,757 01/28/2005 PAT 7,461,353

Foreign Applications

If Required, Foreign Filing License Granted: 11/29/2010

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 12/941,106**

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

Non-Publication Request: No

Early Publication Request: No
** **SMALL ENTITY** **

Title

SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES

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

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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.

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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).

UNITED STATES PATENT AND TRADEMARK OFFICE

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www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/941,106	11/08/2010	Gary B. Rohrabaugh	005207.P001XC3C

CONFIRMATION NO. 9016

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

FORMALITIES LETTER

OC000000044758942

Date Mailed: 12/08/2010

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 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:

- 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.

SUMMARY OF FEES DUE:

Total fee(s) required within **TWO MONTHS** from the date of this Notice 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.

/jmilani/

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

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 12/941,106

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	82		N/A	
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	270		N/A	
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	110		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	12 minus 20 =	*	x 26 =	0.00	OR		
INDEPENDENT CLAIMS (37 CFR 1.16(h))	1 minus 3 =	*	x 110 =	0.00			
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $270 ($135 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).			0.00			
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				0.00			
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	462		TOTAL	

APPLICATION AS AMENDED - PART II

AMENDMENT A

	(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))	*	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	

AMENDMENT B

	(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))	*	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 found in the appropriate box in column 1.

PTO/SB/14 (07-07)
Approved for use through 06/30/2010. 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 contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	005207.P001XC3C
	Application Number	
Title of Invention	Scalable Display of Internet Content on Mobile Devices	

The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76.
This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.

Secrecy Order 37 CFR 5.2

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Applicant Information:

Applicant 1 Remove

Applicant Authority ◉ Inventor ○ Legal Representative under 35 U.S.C. 117 ○ Party of Interest under 35 U.S.C. 118

Prefix	Given Name	Middle Name	Family Name	Suffix
	Gary	B.	Rohrabaugh	

Residence Information (Select One) ◉ US Residency ○ Non US Residency ○ Active US Military Service

City	Bellingham	State/Province	WA	Country of Residence [i]	US

Citizenship under 37 CFR 1.41(b) [i] US

Mailing Address of Applicant:

Address 1	3112 Maple Ridge Court		
Address 2			
City	Bellingham	State/Province	WA
Postal Code	98229	Country [i]	US

Applicant 2 Remove

Applicant Authority ◉ Inventor ○ Legal Representative under 35 U.S.C. 117 ○ Party of Interest under 35 U.S.C. 118

Prefix	Given Name	Middle Name	Family Name	Suffix
	Scott	A.	Sherman	

Residence Information (Select One) ◉ US Residency ○ Non US Residency ○ Active US Military Service

City	Seattle	State/Province	WA	Country of Residence [i]	US

Citizenship under 37 CFR 1.41(b) [i] US

Mailing Address of Applicant:

Address 1	2446 Lorentz Pl		
Address 2			
City	Seattle	State/Province	WA
Postal Code	98109	Country [i]	US

All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the **Add** button. Add

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

PTO/SB/14 (07-07)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	005207.P001XC3C
	Application Number	
Title of Invention	Scalable Display of Internet Content on Mobile Devices	

☐ An Address is being provided for the correspondence Information of this application.			
Customer Number	59860		
Email Address	ralanburnett@hotmail.com	Add Email	Remove Email

Application Information:

Title of the Invention	Scalable Display of Internet Content on Mobile Devices		
Attorney Docket Number	005207.P001XC3C	**Small Entity Status Claimed**	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Suggested Class (if any)	715	**Sub Class (if any)**	517
Suggested Technology Center (if any)			
Total Number of Drawing Sheets (if any)	22	**Suggested Figure for Publication (if any)**	1C

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)
☐ **Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Enter either Customer Number or complete the Representative Name section below. If both sections are completed the Customer Number will be used for the Representative Information during processing.

Please Select One:	◉ Customer Number	○ US Patent Practitioner	○ Limited Recognition (37 CFR 11.9)
Customer Number	59860		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.

Prior Application Status	Patented			Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
12941106	Continuation of	11738486	2007-04-21	7831926	2010-11-09
Prior Application Status	Patented			Remove	

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	005207.P001XC3C
	Application Number	
Title of Invention	Scalable Display of Internet Content on Mobile Devices	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
11738486	Continuation of	09878097	2001-06-08	7210099	2007-04-24

Prior Application Status	Abandoned		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09878097	Continuation in part of	09825511	2001-04-07
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09878097	non provisional of	60217345	2000-07-11
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
09878097	non provisional of	60211019	2000-06-12

Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the **Add** button. Add

Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

Remove

Application Number	Country [i]	Parent Filing Date (YYYY-MM-DD)	Priority Claimed
			◯ Yes ◯ No

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button. Add

Assignee Information:

Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of Title 37 of the CFR to have an assignment recorded in the Office.

Assignee 1 Remove

If the Assignee is an Organization check here. ☒

Organization Name	SoftView L.L.C.		
Mailing Address Information:			
Address 1	SoftView L.L.C.		
Address 2	112 Ohio Street, Suite 202		
City	Bellingham	**State/Province**	WA
Country [i] US		Postal Code	98229
Phone Number	3606713181	Fax Number	
Email Address	gary@softview.com		

Additional Assignee Data may be generated within this form by selecting the **Add** button. Add

PTO/SB/14 (07-07)
Approved for use through 06/30/2010. 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 contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	005207.P001XC3C
	Application Number	
Title of Invention	Scalable Display of Internet Content on Mobile Devices	

Signature:

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.					
Signature	/R. Alan Burnett/			Date (YYYY-MM-DD)	2011-01-16
First Name	R. Alan	Last Name	Burnett	Registration Number	46149

This collection of information is required by 37 CFR 1.76. 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 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet 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 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.

Attorney Docket No.: 005207.P001XC3C 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.: 12/941,106
Filing Date: November 08, 2010
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:
SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES

(Title of the Invention)

the specification of which

_____ is attached hereto **OR**

_X_ was filed on (11/08/2010)
as United States Application Number 12/941,106
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 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:

11/735,482	April 15, 2007	Patented
Application Number	Filing Date	Status – patented, pending, abandoned
09/878,097	June 8, 2001	Patented
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**

___ **Correspondence Address Below:**

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 1-8-2011

Residence Bellingham, WA, USA Citizenship USA
(City, State, Country) *(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 1-7-2011

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

Mailing Address ~~201 McGraw Street, Seattle, WA 98109~~
2446 Lorentz Pl
SA

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:	12941106
Filing Date:	08-Nov-2010
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Filer:	R. Burnett
Attorney Docket Number:	005207.P001XC3C

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:				
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:	9241863
Application Number:	12941106
International Application Number:	
Confirmation Number:	9016
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	59860
Filer:	R. Burnett
Filer Authorized By:	
Attorney Docket Number:	005207.P001XC3C
Receipt Date:	16-JAN-2011
Filing Date:	08-NOV-2010
Time Stamp:	21:37:56
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	$65
RAM confirmation Number	8560
Deposit Account	
Authorized User	

File Listing:

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

1	Application Data Sheet	P001XC3C_APP_Data_Sheet.pdf	1359168 6c97cc21b19457aa32e7e5b7a2ff3afd2bec8867	no	5
Warnings:					
Information:					
2	Oath or Declaration filed	Dec-POA_P001XC3C_signed.pdf	2955347 ffe59ce185fa7e9c84110360a56cef44c6e62770	no	4
Warnings:					
Information:					
3	Fee Worksheet (PTO-875)	fee-info.pdf	30411 eda409dd250282243d4f870feac283ff659bfe62	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	4344926		

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/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.: 12/941,106 Filed/Issue Date: 04/21/2007

Titled: Scalable Display of Internet Content on Mobile 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. ☒ 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
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 3-10-2011

Signature Date

Gary B. Rohrabaugh Manager

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.

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. (Supplemental Sheet)

Application No./Patent No.: 12/941,106 Filed/Issue Date: 04/21/2007

Titled: Scalable Display of Internet Content on Mobile 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. ☒ 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 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:	9791594
Application Number:	12941106
International Application Number:	
Confirmation Number:	9016
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES
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.P001XC3C
Receipt Date:	01-APR-2011
Filing Date:	08-NOV-2010
Time Stamp:	14:31:39
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		161539-P001XC3C.pdf	205366 7a609547c4ee03df58bdb6f8812609b479c517b1	yes	3

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Power of Attorney	1	1
	Assignee showing of ownership per 37 CFR 3.73(b).	2	3
Warnings:			
Information:			
	Total Files Size (in bytes):	205366	

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/81 (01-09)
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.

POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS

Application Number	12/941,106
Filing Date	11/08/2010
First Named Inventor	Gary Rohrabaugh
Title	Scalable Display of Internet Content on Mob
Art Unit	2178
Examiner Name	To be assigned
Attorney Docket Number	005207.P001XC3C

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**

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	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.**

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
12/941,106	11/08/2010	Gary B. Rohrabaugh	005207.P001XC3C

CONFIRMATION NO. 9016

29000
IRELL & MANELLA LLP
1800 AVENUE OF THE STARS
SUITE 900
LOS ANGELES, CA 90067

POA ACCEPTANCE LETTER

OC000000048178273

Date Mailed: 06/13/2011

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.

/agizaw/

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
12/941,106	11/08/2010	Gary B. Rohrabaugh	005207.P001XC3C

CONFIRMATION NO. 9016

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

POWER OF ATTORNEY NOTICE

OC000000048178235

Date Mailed: 06/13/2011

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).

/agizaw/

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

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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
12/941,106	11/08/2010	2178	527	005207.P001XC3C	12	1

CONFIRMATION NO. 9016

UPDATED FILING RECEIPT

29000
IRELL & MANELLA LLP
1800 AVENUE OF THE STARS
SUITE 900
LOS ANGELES, CA 90067

OC000000048218183

Date Mailed: 06/16/2011

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. 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 submit a written request for a Filing Receipt Correction. 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**

Applicant(s)

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

Assignment For Published Patent Application

SoftView L.L.C., Bellingham, 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 11/738,486 04/21/2007 PAT 7,831,926
which 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 60/217,345 07/11/2000
and claims benefit of 60/211,019 06/12/2000
This application 12/941,106
is a DIV of 09/878,097 06/08/2001 PAT 7,210,099
and is a DIV of 11/045,649 01/28/2005 PAT 7,584,423
and is a DIV of 11/045,757 01/28/2005 PAT 7,461,353

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The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 12/941,106**

Projected Publication Date: 09/22/2011

Non-Publication Request: No

Early Publication Request: No
** **SMALL ENTITY** **
Title

SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES

Preliminary Class

715

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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 12/941,106

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	82		N/A	
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	270		N/A	
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	110		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	12 minus 20 =	*	x 26 =	0.00	OR		
INDEPENDENT CLAIMS (37 CFR 1.16(h))	1 minus 3 =	*	x 110 =	0.00			
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $270 ($135 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).			0.00			
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				0.00			
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	462		TOTAL	

APPLICATION AS AMENDED - PART II

AMENDMENT A

	(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))	*	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	

AMENDMENT B

	(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))	*	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 found in the appropriate box in column 1.

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12/941,106	11/08/2010	Gary B. Rohrabaugh	005207.P001XC3C

CONFIRMATION NO. 9016

29000
IRELL & MANELLA LLP
1800 AVENUE OF THE STARS
SUITE 900
LOS ANGELES, CA 90067

PUBLICATION NOTICE

OC00000004997837

Title:SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES

Publication No.US-2011-0231746-A1
Publication Date:09/22/2011

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be accessed through the USPTO's publically available Searchable Databases via the Internet at www.uspto.gov. The direct link to access the publication is currently http://www.uspto.gov/patft/.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99)**		
	Application Number	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2171
	Examiner Name	Chat C. Do
	Attorney Docket Number	161539-P001XC3C

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	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.	
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	7	6605120		2003-08-12	Fields et al.	
	8	6272484		2001-08-07	Martin et al.	

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	9	6300947		2001-10-09	Kanevsky	
	10	6650343		2003-11-18	Fujita et al.	
	11	6307562		2001-10-23	Taivalsaari	
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	14	5987256		1999-11-16	Wu et al.	
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	20	7036076		2006-04-25	Anwar	
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	22	6343377		2002-01-29	Gessner et al.	
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	31	6185625		2001-02-06	Tso 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
	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	Toshiba Corp.		☐
	2	761635	AU		2001-05-17	Canon Kabushiki Kaisha		☐

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	Attorney Docket Number	161539-P001XC3C

	3	JP04-259029	JP		1992-09-14	Fujisu Ltd.		☐
	4	JP04-291675	JP		1992-10-15	Fujisu Ltd.		☐
	5	JP05-165459	JP		1993-07-02	Toshiba Corp.		☐
	6	JP09-009160	JP		1997-01-10	Sony Corp.		☐
	7	JP09-016788	JP		1997-01-17	Toppan Printing Co. Ltd.		☐
	8	JP09-319537	JP		1997-12-12	Sharp Corp.		☐
	9	JP10-069473	JP		1998-03-10	Sharp Corp.		☐
	10	JP10-326136	JP		1998-12-08	Sun Microsyst Inc.		☐
	11	JP10-326244	JP		1998-12-08	Toyota Motor Corp.		☐
	12	JP11-015749	JP		1999-01-22	Nippon Telegraph & Telephone Corp. (NTT)		☐
	13	JP11-250009	JP		1999-09-17	Uniden Corp.		☐

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	14	JP2000-076473	JP		2000-03-14	Fuji Xerox Co. Ltd.		☐
	15	JP2000-090001	JP		2000-03-31	Spyglass Inc.		☐
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	20	JP2001-043125	JP		2001-02-16	Sun Microsyst Inc.		☐
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	22	JP10-162002	JP		1998-06-19	Matsushita Electric Ind. Co. Ltd.		☐
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	24	JP2000-284884	JP		2000-10-13	Matsushita Electric Ind. Do. Ltd.		☐

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	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	☐
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	9	Stefan Gessler & Andreas Kotulla, PDAs as Mobile WWW Browsers, Dec. 1995, University of Karlsruhe	☐

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	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	☐
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	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.	☐
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	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/	☐
	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	☐
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	27	Janus Boye, SVG Brings Fast Vector Graphics to Web, July 29, 1999, Irt.org, available at http://www.irt.org/articles/js176/	☐
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	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	☐

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	Attorney Docket Number	161539-P001XC3C

	32	Specification for Simple Vector Format (SVF) v.2.0, December 6, 2000, SoftSource, available at http://www.svf.org/spec.html	☐
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2171
	Examiner Name	Chat C. Do
	Attorney Docket Number	161539-P001XC3C

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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	/Babak Redjaian/	Date (YYYY-MM-DD)	2011-10-18
Name/Print	Babak Redjaian	Registration Number	42,096

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Application Number:	12941106
International Application Number:	
Confirmation Number:	9016
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE 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:	005207.P001XC3C
Receipt Date:	18-OCT-2011
Filing Date:	08-NOV-2010
Time Stamp:	15:10:44
Application Type:	Utility under 35 USC 111(a)

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Submitted with Payment	no

File Listing:

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1	Transmittal Letter	IDS_Transmittal_Letter.pdf	23892 af3d6ca814e4cf73a3912d168772fd0a67fd17c6	no	2

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	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2171
	Examiner Name	Chat C. Do
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	Examiner Name	Chat C. Do
	Attorney Docket Number	161539-P001XC3C

	1	CHRIS WATERSON, Gecko Overview, June 10, 2002	☐
	2	MIKE SHAVER, MICHAEL ANG, Inside the Lizard: A Look at the Mozilla Technology and Architecture, May 29, 2000	☐
	3	KIPP HICKMAN, Mozilla, Base Library Roadmap, Last modified July 15, 1998	☐
	4	KIPP HICKMAN, Mozilla, The Content Model, Last modified July 15, 1998	☐
	5	VIDUR APPARAO, TOM PIXLEY, Mozilla, The NGLayout Document Object Model (DOM) Roadmap, Last modified May 26, 2001	☐
	6	CHRIS KARNAZE, Mozilla, Forms, Last modified Jan. 14, 1999	☐
	7	TROY CHEVALIER et al., Mozilla, New Layout: HTML Layout, Last modified July 20, 1998	☐
	8	(Author Unknown), Mozilla, Layout Engine Technical Documentation, Last modified Apr. 4, 2008	☐
	9	JAMES EVERINGHAM, Mozilla, BAM Roadmap, Last modified July 15, 1998	☐
	10	RICK GESSNER, Mozilla, Parsing Engine, Last modified July 15, 1998	☐
	11	MICHAEL PLITKINS, Mozilla, Java and Plugins, Last modified Jan. 14, 1999	☐

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	12	MICHAEL PLITKINS, Mozilla, Printing, Last modified Jan. 14, 1999	☐
	13	MICHAEL PLITKINS, Mozilla, Rendering, Last modified Jan. 14, 1999	☐
	14	PETER LINSS, Mozilla, Style System, Last modified July 15, 1998	☐
	15	RICK GESSNER, Mozilla, HTML Tag Handling Chart, Last modified Oct. 23, 1998	☐
	16	(Author Unknown), Mozilla, Threading Model, Last modified Oct. 29, 1998	☐
	17	MICHAEL PLITKINS, Mozilla, View System, Last modified Jan. 14, 1999	☐
	18	RICK POTTS, Mozilla, NGLayout Embedding APIs, Last modified Mar. 9, 1999	☐
	19	KEVIN MCCLUSKEY, Mozilla, Widget Library, July 10, 2005	☐
	20	Provisional U.S. Application No. 60/159,069 to Chithambaram et al. (1999-10-12) (available on PAIR)	☐
	21	Provisional U.S. Application No. 60/193,862 to Chithambaram et al. (2000-03-30) (available on PAIR)	☐
	22	Holmquist "Focus + Content Visualization with Flip Zooming and the Zoom Browser," Published 03/1997 by Chi 97, pp 1-6	☐

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	23	Knudsen, Jonathan, "Java 2D Graphics," O'Reilly and Associates, Inc., May 5, 1999 (Electronic Form), pp. 1-287	☐
	24	SoftView Brief In Support Of Motion for Leave to Amend Complaint, SoftView LLC v. Apple Inc. et al. Case No. 1:10-cv-00389-JJF-LPS, 11/10/2010	☐
	25	SoftView's First Amended Complaint (Proposed), SoftView LLC v. Apple Inc. et al. Case No. 1:10-cv-00389-JJF-LPS, 12/3/2010	☐
	26	Apple's Answer, Defenses, and Counterclaims To First Amended Complaint, SoftView LLC v. Apple Inc. et al. Case No. 1:10-cv-00389-JJF-LPS,1/3/2011	☐
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☐ 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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☐ 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)	2011-10-18
Name/Print	Babak Redjaian	Registration Number	42,096

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:	11209234
Application Number:	12941106
International Application Number:	
Confirmation Number:	9016
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE 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:	005207.P001XC3C
Receipt Date:	18-OCT-2011
Filing Date:	08-NOV-2010
Time Stamp:	15:13:37
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)	SB08-106_p2.pdf	529304 f7af3c3583fa3bf14c60f09ad5d1b2aa2c87a500	no	6
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.

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Warnings:					
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			Total Files Size (in bytes):	11640772	

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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	:	2171
Serial No	:	12/941,106	Examiner	:	Chat C. Do
Filed	:	Nov. 8, 2010	Conf. No.	:	9016
Title	:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE 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. 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. 11/735,477; 11/868,124; 12/326,092; 12/955,487. *See* MPEP 2001.06(b). In the '477 application, an office action was mailed on March 1, 2011, and the applicants submitted a response to the office action on August 31, 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 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 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 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

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).
October 18, 2011 /Susan M. Langworthy/

the patent application and reexamination 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.

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.

It is believed no fees are due at this time. However, if any fees are due, the Commissioner is authorized to charge Deposit Account 09-0946.

Respectfully submitted,
/Babak Redjaian/
Reg. No. 42,096

Date: October 18, 2011

Irell & Manella LLP
1800 Avenue of the Stars
Los Angeles, CA 90067
Telephone: (310) 277-1010
Facsimile: (310) 556-5384

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-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
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L8	23	(US-20020018072-$ 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	2012/04/07 16:46
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L12	35	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
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L21	65	L20 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
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L25	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-	US-PGPUB; USPAT;	OR	ON	2012/04/07 16:46

		$ 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			
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L44	2953	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L45	65	L44 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L46	660	(zoom$3 with browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L47	13	L46 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L48	0	L47 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L49	8228	(zoom$3 & browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L50	191	L49 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L51	4	L50 & css	US-PGPUB;	OR	ON	2012/04/07

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			16:46
L52	1	L50 & (cascad$3 same stylesheet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L53	188	L50 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L54	14	L53 & (zoom$3 same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L55	14	L54 & vector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L56	23	(US-20020018072-$ 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	2012/04/07 16:46
L57	7	L56 & vector & width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L58	4	L56 & CSS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L59	9	L56 & larger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2012/04/07 16:46

			DERWENT; IBM_TDB			
L60	5	L56 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L61	10	L56 & (column raw vertical$2 x y horizontal$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
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	2012/04/07 16:46
L63	5	L56 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L64	15	L56 & (tap$4 touch$3 input$3 click$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L65	12	L56 & (zoom$3 offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L66	15	L56 & (text paragraph)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L67	14	L56 & (zoom$3 resiz$3 enlarg$3 same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L68	14	L56 & (zoom$3 resiz$3 enlarg$3 with (text paragraph))	US-PGPUB; USPAT; USOCR;	OR	ON	2012/04/07 16:46

			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	2012/04/07 16:46
L70	9	L56 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L71	8	L56 & (center)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L72	0	(pda mobile handheld smartphone) & ((Zoom$3 scal$3) same brows$3) & (preserc$3 same ((function$5 link$3 herperlink$3) same layout same design))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L73	9	(pda mobile handheld smartphone) & ((Zoom$3 scal$3) same brows$3) & (preserv$3 same ((function$5 link$3 herperlink$3) same layout same design))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L74	23	(US-20020018072-$ 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	2012/04/07 16:46
L75	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L76	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46

L77	17	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L78	15	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L79	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L80	0	L79 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L81	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	2012/04/07 16:46
L82	11	L81 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L83	8	L82 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L84	30606	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L85	35	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2012/04/07 16:46

			JPO; DERWENT; IBM_TDB			
L86	0	L85 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L87	1322	L84 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L88	30606	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L89	1322	L87 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L90	21	L87 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L91	40	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L92	0	L91 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L93	2953	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L94	65	L93 & @ad<"20000612"	US-PGPUB; USPAT;	OR	ON	2012/04/07 16:46

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
L95	18	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L96	18	L95 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L97	2	"20070198916".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L98	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	2012/04/07 16:46
L99	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L100	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L101	17	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L102	15	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2012/04/07 16:46

			IBM_TDB			
L103	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L104	0	L103 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L105	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	2012/04/07 16:46
L106	11	L105 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L107	8	L106 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L108	30606	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L109	35	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L110	0	L109 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L111	1322	L108 & @ad<"20000612"	US-PGPUB; USPAT; USOCR;	OR	ON	2012/04/07 16:46

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L112	30606	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L113	1322	L111 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L114	21	L111 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L115	40	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L116	0	L115 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L117	2953	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L118	65	L117 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L119	660	(zoom$3 with browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L120	13	L119 & @ad<"20010608" &	US-PGPUB;	OR	ON	2012/04/07

		@rlad<"20010608"	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			16:46
L121	0	L120 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L122	8228	(zoom$3 & browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L123	191	L122 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L124	4	L123 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L125	1	L123 & (cascad$3 same stylesheet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L126	188	L123 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L127	14	L126 & (zoom$3 same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L128	14	L127 & vector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2012/04/07 16:46

			IBM_TDB			
L129	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	2012/04/07 16:46
L130	7	L129 & vector & width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L131	4	L129 & CSS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L132	9	L129 & larger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L133	5	L129 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L134	10	L129 & (column raw vertical$2 x y horizontal$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L135	4	L129 & ((column raw vertical$2 x y horizontal$2) same offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L136	5	L129 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L137	15	L129 & (tap$4 touch$3 input$3 click$3)	US-PGPUB; USPAT; USOCR;	OR	ON	2012/04/07 16:46

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L138	12	L129 & (zoom$3 offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L139	15	L129 & (text paragraph)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L140	14	L129 & (zoom$3 resiz$3 enlarg$3 same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L141	14	L129 & (zoom$3 resiz$3 enlarg$3 with (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L142	9	L129 & ((zoom$3 resiz$3 enlarg$3) same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L143	9	L129 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L144	8	L129 & (center)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L145	7	12/326,092	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L146	7	12/326,092	US-PGPUB;	OR	ON	2012/04/07

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			16:46
L147	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-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L148	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L149	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L150	17	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L151	15	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L152	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L153	0	L152 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L154	23	(US-20020018072-$ 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	2012/04/07 16:46

		7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	DERWENT; IBM_TDB			
L155	11	L154 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L156	8	L155 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L157	30606	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L158	35	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L159	0	L158 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L160	1322	L157 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L161	30606	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L162	1322	L160 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L163	21	L160 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT;	OR	ON	2012/04/07 16:46

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
L164	40	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L165	0	L164 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L166	2953	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L167	65	L166 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L168	18	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L169	18	L168 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L170	2	"20070198916".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L171	23	(US-20020018072-$ 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-	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46

		6779042-$ or US-6674445-$).did.				
L172	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L173	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L174	17	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L175	15	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L176	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L177	0	L176 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L178	23	(US-20020018072-$ 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	2012/04/07 16:46
L179	11	L178 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L180	8	L179 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR;	OR	ON	2012/04/07 16:46

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L181	30606	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L182	35	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L183	0	L182 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L184	1322	L181 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L185	30606	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L186	1322	L184 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L187	21	L184 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L188	40	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L189	0	L188 & @ad<"20000612"	US-PGPUB;	OR	ON	2012/04/07

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			16:46
L190	2953	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L191	65	L190 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L192	660	(zoom$3 with browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L193	13	L192 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L194	0	L193 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L195	8228	(zoom$3 & browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L196	191	L195 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L197	4	L196 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2012/04/07 16:46

			IBM_TDB			
L198	1	L196 & (cascad$3 same stylesheet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L199	188	L196 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L200	14	L199 & (zoom$3 same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L201	14	L200 & vector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L202	23	(US-20020018072-$ 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	2012/04/07 16:46
L203	7	L202 & vector & width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L204	4	L202 & CSS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L205	9	L202 & larger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L206	5	L202 & offset	US-PGPUB; USPAT; USOCR;	OR	ON	2012/04/07 16:46

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L207	10	L202 & (column raw vertical$2 x y horizontal$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L208	4	L202 & ((column raw vertical$2 x y horizontal$2) same offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L209	5	L202 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L210	15	L202 & (tap$4 touch$3 input$3 click$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L211	12	L202 & (zoom$3 offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L212	15	L202 & (text paragraph)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L213	14	L202 & (zoom$3 resiz$3 enlarg$3 same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L214	14	L202 & (zoom$3 resiz$3 enlarg$3 with (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L215	9	L202 & ((zoom$3 resiz$3 enlarg$3)	US-PGPUB;	OR	ON	2012/04/07

		same (text paragraph))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			16:46
L216	9	L202 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L217	8	L202 & (center)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L218	0	(pda mobile handheld smartphone) & ((Zoom$3 scal$3) same brows$3) & (preserc$3 same ((function$5 link$3 herperlink$3) same layout same design))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L219	9	(pda mobile handheld smartphone) & ((Zoom$3 scal$3) same brows$3) & (preserv$3 same ((function$5 link$3 herperlink$3) same layout same design))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L220	23	(US-20020018072-$ 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	2012/04/07 16:46
L221	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L222	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L223	17	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2012/04/07 16:46

			DERWENT; IBM_TDB			
L224	15	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L225	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L226	0	L225 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L227	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	2012/04/07 16:46
L228	11	L227 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L229	8	L228 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L230	30606	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L231	35	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L232	0	L231 & @ad<"20000612"	US-PGPUB; USPAT;	OR	ON	2012/04/07 16:46

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
L233	1322	L230 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L234	30606	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L235	1322	L233 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L236	21	L233 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L237	40	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L238	0	L237 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L239	2953	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L240	65	L239 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46

L241	18	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L242	18	L241 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L243	2	"20070198916".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L244	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	2012/04/07 16:46
L245	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L246	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L247	17	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L248	15	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L249	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2012/04/07 16:46

			JPO; DERWENT; IBM_TDB			
L250	0	L249 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L251	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	2012/04/07 16:46
L252	11	L251 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L253	8	L252 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L254	30606	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L255	35	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L256	0	L255 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L257	1322	L254 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L258	30606	(zoom$3) & (pda mobile handheld	US-PGPUB;	OR	ON	2012/04/07

		smartphone)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			16:46
L259	1322	L257 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L260	21	L257 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:46
L261	40	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L262	0	L261 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L263	2953	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L264	65	L263 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L265	660	(zoom$3 with browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L266	13	L265 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2012/04/07 16:47

			IBM_TDB			
L267	0	L266 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L268	8228	(zoom$3 & browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L269	191	L268 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L270	4	L269 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L271	1	L269 & (cascad$3 same stylesheet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L272	188	L269 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L273	14	L272 & (zoom$3 same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L274	14	L273 & vector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L275	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2012/04/07 16:47

		$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	JPO; DERWENT; IBM_TDB			
L276	7	L275 & vector & width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L277	4	L275 & CSS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L278	9	L275 & larger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L279	5	L275 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L280	10	L275 & (column raw vertical$2 x y horizontal$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L281	4	L275 & ((column raw vertical$2 x y horizontal$2) same offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L282	5	L275 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L283	15	L275 & (tap$4 touch$3 input$3 click$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L284	12	L275 & (zoom$3 offset)	US-PGPUB;	OR	ON	2012/04/07

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			16:47
L285	15	L275 & (text paragraph)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L286	14	L275 & (zoom$3 resiz$3 enlarg$3 same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L287	14	L275 & (zoom$3 resiz$3 enlarg$3 with (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L288	9	L275 & ((zoom$3 resiz$3 enlarg$3) same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L289	9	L275 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L290	8	L275 & (center)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L291	7	12/326,092	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L292	18	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2012/04/07 16:47

			IBM_TDB			
L293	18	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L294	2	"6674445".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L295	2	"20020030699".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47
L296	340350	"2" & ((column raw vertical$2 x y horizontal$2) same offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/04/07 16:47

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/941,106	11/08/2010	Gary B. Rohrabaugh	161539-P001XC3C	9016

29000 7590 04/10/2012

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EXAMINER	
TRAN, QUOC A	
ART UNIT	PAPER NUMBER
2177	

MAIL DATE	DELIVERY MODE
04/10/2012	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)	
	12/941,106	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 *08 November 2010*.

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) *1-12* 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) *1-12* 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 *08 November 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).

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 *10/18/2011 x(2)*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

This is a ***Non-Final Office Action*** in responses to patent application filed 11/08/2010; It is noted the current application is a continuation of 11/738,486, filed 04/21/2007, now U.S. Patent #7831926, 11/738,486 is a continuation of 09/878,097, filed 06/08/2001, now U.S. Patent #7210099 and having 1 RCE-type filing therein 09/878,097 is a continuation in part of 09/828,511, filed 04/07/2001,now abandoned; 09/878,097 Claims Priority from Provisional Application 60/217,345, filed 07/11/2000; 09/87,8097 Claims Priority from Provisional Application 60/211,019, filed ***06/12/2000*** is a division of 09/878,097, filed 06/08/2001,now U.S. Patent #7210099 and having 1 RCE-type filing therein is a division of 11/045,649, filed 01/28/2005 ,now U.S. Patent #7584423 and having 1 RCE-type filing therein is a division of 11/045,757, filed 01/28/2005,now U.S. Patent #7461353

- Claims ***1-12*** are pending.
- Claim ***1*** is independent claim.

Information Disclosure Statement

The signed and dated copies of applicant's IDS, which were filed on 10/18/2011 and 10/18/2011, are attached to this Office Action.

Regarding the Information Disclosure Statements dated 10/18/2011 and 10/18/2011, 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.

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).

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).

Claims 1-12 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-14 of ***US008145995B2*** (1) issued 03/27/2012; also unpatentable over Claims 1-115 of ***US007844889B2*** (2) issued 11/30/2010; also unpatentable over Claims 1-88 of ***US007831926B2*** (3) issued 11/09/2010; also unpatentable over Claims 1-319 of US Patent ***7461353*** *(4)* 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 and scaling [zooming] of Internet content of wireless hand-help devices.

In addition, it is obvious that the claimed limitation cites in claims 1-12 which enabling a user of a hand-held wireless device to perform full page browsing 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] of Internet content of wireless hand-help devices of 1-14 of US008145995B2 issued 03/27/2012; also unpatentable over Claims 1-115 of US007844889B2 issued 11/30/2010; also unpatentable over Claims 1-88 of US007831926B2 issued 11/09/2010; also unpatentable over Claims 1-319 of US Patent 7,461,353 issued 12/02/2008. Also see Claims 1-14 of US008145995B2 issued 03/27/2012; Claims 1-115 of US007844889B2 issued 11/30/2010; Claims 1-88 of US007831926B2 issued 11/09/2010; Claims 1-319 of US Patent 7,461,353 issued 12/02/2008 for comparison details.

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 1-12 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 **Canelones et al.** (US006700589B1- filed 02.17.2000) [hereinafter "Canelones"].

Regarding ***independent Claim 1,*** Van discloses: "***A method, comprising: enabling a user of a mobile device having a touch-sensitive display to request access to a Web page comprising HTML-based Web content defining an original page layout, functionality, and design of content on the Web page; retrieving and processing the HTML-based Web content to produce scalable content;***" In Van @ the Abstract and Para(s) 8-9, which discloses 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 [Van: the Abstract]; also Van

further includes the "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-rendering engine) 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 [Van: Para(s) 8-9].

In addition Van further discloses, " ***employing the scalable content and/or data derived therefrom to, render a view of the Web page on the touch-sensitive display; and re-render the Web page in response to associated user inputs to enable the user to iteratively zoom in and out views of the Web page while preserving an original page layout, .., and design defined by the HTML-based Web content as interpreted by a rendering engine;"*** In Van @ the Abstract and Para(s) 8-9, which discloses 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 [Van: the Abstract]; also Van further includes the "auto -zoom", 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 [Van: Para(s) 8-9]. Also Van further discloses 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 (paragraph having width and height, column) 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) [Van: Para 10].

In addition, Van does not expressly teach, but Canelones discloses:"…***zooming in and out ….while preservation of the functionality defined by the HTML-based Web content includes preservation of hyperlink functionality,*** 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*. [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. 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***].***

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, to include a means of said zooming in and out ….while preservation of the functionality defined by the HTML-based Web content includes preservation of hyperlink functionality, 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 ***Claims 2-4,*** Van and Canelones further discloses: "***the mobile device comprises a mobile phone; enabling the user to zoom in on a user-selectable portion of a display of the Web page in response to a user interface input made via the touch-sensitive display; wherein the display of the Web page is re-rendered in real-time to effect zooming operations."*** In Van @ the Abstract and Para(s) 8-9, which discloses 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 [Van: the Abstract]; also Van further includes the "auto -zoom", 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. In addition, a web page or streamed [real-time] video that is stored, e.g., as a bitmap, in the display's framebuffer or another cache [Van: Para(s) 8-9]. Also Van further discloses 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

(paragraph having width and height, column) 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) [Van: Para 10].

Regarding ***Claim 5,*** Van and Canelones further discloses: "***the Web page includes at least one hyperlink, the method further comprising enabling the user to select a hyperlink via the touch-sensitive display; and, in response thereto, retrieving and processing HMTL-based Web content associated with the hyperlink to produce additional scalable content; and employing the additional scalable content and/or data derived therefrom to render the Web content associated with the hyperlink on the touch-sensitive display".*** 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. [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 region. 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; if the fonts in the selected region are in a bit map format, a *determination is made of a vector font corresponding to the bit map fonts. In such case, the second magnification operation is performed on the corresponding vector font.*

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, to include a means of said the Web page includes at least one hyperlink, the method further comprising enabling the user to select a hyperlink via the touch-sensitive display; and, in response thereto, retrieving and processing HMTL-based Web content associated with the hyperlink to produce additional scalable content; and employing the additional scalable content and/or data derived therefrom to render the Web content associated with the hyperlink on the touch-sensitive display, 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 6,*** Van and Canelones further discloses: "***at least a portion of the scalable content comprises scalable vector-based content."*** In Van Para 10, discloses 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) [scalable vector]. 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. It is noted Can not only zooming automatically upon the portion being selected; but also streaming video [streaming is in real-time].

Regarding ***Claim 7,*** Van and Canelones further discloses: "***enabling a user to pan views of the Web page in real-time in response to corresponding user inputs made via the touch- sensitive display."*** In Van Para 10, discloses 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) [in real-time]. 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. It is noted Can not only zooming automatically upon the portion being selected; but also streaming video [streaming is in real-time].

Regarding ***Claim 8,*** Van and Canelones further discloses: "***enabling a user to zoom on …the Web content by tapping on the column via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that content corresponding to the selected …is displayed across the touch-sensitive display."*** In Van further discloses 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 (paragraph having width and height, column) 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) [Van: Para 10].

In addition Canelones further discloses: "***enabling a user to zoom on a column of the Web content by …, wherein in response thereto, the display is re-rendered such that content corresponding to the selected column is displayed ….***" In Canelones Col. 4 line 17-->Col.5 line 6 and Col. 6 lines 13-16, which discloses 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 predesignated area of the header fields of the image file [*zoom on a column of the Web content*]**]** 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. As used herein "magnification" refers to either enlargement or reduction of the content in a display region. 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.

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, to include a means of said the enabling a user to zoom on a column of the Web content by …, wherein in response thereto, the display is re-rendered such that content corresponding

to the selected column is displayed, 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 9,*** Van and Canelones further discloses: "***the Web content includes at least one image, the method further comprising enabling a user to zoom on an image by tapping on the image via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that the image is displayed to fit a width of a display area of the touch-sensitive display used for displaying Web page content."*** In Van further discloses, 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 (paragraph having width and height, column) 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) [Van: Para 10].

Regarding ***Claim 10,*** Van and Canelones further discloses: "***the scalable content includes scalable text content and wherein execution of the instructions performs further operations comprising scaling a scalable font to render the scalable text content."*** In Van further discloses, 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 [e.g., text pages but also, e.g., still pictures (e.g., jpeg), streaming video, web page with hyperlinks (e.g., HTML) and java animation] 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) [In Van Para 10].

Regarding ***Claim 11,*** Van and Canelones further discloses: "***wherein the original format of the Web page defines a width for the Web page, the method further comprising: employing the rendering engine to interpret a width of the Web page; and rendering a view of the Web page wherein the width of the Web page is rendered to fit across a width of a display area on the touchscreen display used for displaying Web page content."*** In Van @ the Abstract and Para(s) 8-9, which discloses 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 [*fit across a width of a display area on the touchscreen display used for displaying Web page content]*. Thus, the user can browse the Web with a display of limited size [Van: the Abstract]; also Van further includes the "auto -zoom", 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 [Van: Para(s) 8-9]. Also Van further discloses 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 (paragraph having width and height, column) 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) [Van: Para 10].

Regarding ***Claim 12,*** Van and Canelones further discloses: "***wherein the method enables the user to access user- selected Web pages from among billions of Web pages available via the World Wide Web while preserving an original page layout, hyperlink functionality, and design defined by the HTML-based Web content as interpreted by a rendering engine for each of the user-selected Web pages"*** In Van @ the Abstract and Para(s) 8-9, which discloses 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 [*fit across a width of a display area on the touchscreen display used for displaying Web page content]*. Thus, the user can browse the Web with a display of limited size [Van: the Abstract]; also Van further includes the "auto -zoom", 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 [Van: Para(s) 8-9]. Also Van further discloses 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 (paragraph having width and height, column) 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) [Van: Para 10].

It is noted that any citations to specific, pages, columns, lines, or figures in the prior art references and any interpretation of the 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, 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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Examiner, Art Unit 2177

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Art Unit	2171 12941106 - GAU: 2177
Examiner Name	Chat C. Do
Attorney Docket Number	161539-P001XC3C

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	Attorney Docket Number	161539-P001XC3C

	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	☐

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	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
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	First Named Inventor	Gary B. Rohrabaugh
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	26	Apple's Answer, Defenses, and Counterclaims To First Amended Complaint, SoftView LLC v. Apple Inc. et al. Case No. 1:10-cv-00389-JJF-LPS, 1/3/2011	☐
	27	AT&T's Answer, Defenses, and Counterclaims To First Amended Complaint, SoftView LLC v. Apple Inc. et al. Case No. 1:10-cv-00389-JJF-LPS 1/3/2011	☐
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SVG map delivery scheme for resources constrained mobile phones
HK Chiang, HW Chen, LC Chang... - ... , 2007. WCNC 2007. ..., 2007 - ieeexplore.ieee.org
... The most advantage of a **vector** map is that it is **scalable** since there is no distortion on ... Because of the growing popularity of mobile devices, the **SVG** Tiny, a **SVG** mobile profile, is ... entries while minimizing errors of approximation for locations of spatial objects in the **vector** map. ...
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Systems and methods that utilize **scalable vector** graphics to provide web-based visualization of a device
DM Callaghan... - US Patent App. 10/731,940, 2003 - Google Patents
... can be XML-based and typically are created utilizing XML markup language **Scalable Vector** Graphics (**SVG** ... In general, **SVG** enables **vector** images to be generated through text-based commands formatted to ... device that can be represented to a user via an **SVG** file comprises a ...
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Scalable display of internet content on mobile devices
GB Rohrabaugh, SA Sherman - US Patent 7,831,926, 2010 - Google Patents
... pp. 1-3. W3C **Scalable Vector** Graphics (**SVG**)—History, http://www.w3. org/Graphics/**SVG**/History, pp. 1-18. Janus Boye, **SVG** Brings Fast **Vector** Graphics to Web, Jul. ... 1-47. **Vector** Markup Language, http://en.wikipedia.org/wiki/ **Vector** Markup Language, pp. ...
Related articles - All 5 versions

[PDF] Mobile Web **Browser** Extensions [PDF] from kth.se
T Joelsson - Master of Science Thesis, KTH Information and ..., 2008 - it.kth.se
... Mobile Alliance OTA Over-The-Air PDA Personal Digital Assistant SIP Session Initiation Protocol SMS Short Message Service **SVG Scalable Vector** Graphics TCP ... Web while using a laptop or **handheld** computer, running such an application via a mobile **browser** offers little ...
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Mobile camera-based adaptive viewing [PDF] from northwestern.edu
A Haro, K Mori, V Setlur... - Proceedings of the 4th international ..., 2005 - dl.acm.org
... **Vector** graphics are infinitely **scalable** with no loss in quality, in contrast to raster graphics. ... We demonstrated our approach in several applications, a document viewer, a photo collection **browser**, and a **vector** graphics based map. ... **SVG** Tiny Profile. YEE, K.-P. 2003. ...
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M Rotard, C Taras... - Multimedia Tools and Applications, 2008 - Springer
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Advancement of Web Standards and Techniques for Developing Hypermedia Maps on the Internet
S Hu - International Perspectives on Maps and the Internet, 2008 - Springer
... **SVG** files provide high-quality graphics on the Web, in print, and on **handheld** devices. ... describes three commonly used web standards, including Hypertext Markup Language or HTML, Extensible Markup Language or XML, and **Scalable Vector** Graphics or **SVG**. ...
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[PDF] Use of **SVG** and EcmaScript technology for E-learning purposes [PDF] from carto.net
A Neumann - ISPRS Workshop Tools and Techniques for E-Learning ..., 2005 - carto.net
... **SVG** (abbreviation for **Scalable Vector** Graphics) is a webstandard for describing two dimensional **vector** graphics. ... **Vector** elements are rasterized during the rendering pipeline, hence there is an opportunity to include filters. ... **SVG** supports hyperlinks and custom cursors. ...
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A mobile web map application for route discovery with device independent characteristics
E Andriakopoulou, J Garofalakis... - Proceedings of the 2007 ..., 2007 - dl.acm.org
... We described the features of the application and presented the technical details of the implementation. During the design phase we had taken account of the constraints that **handheld** devices face. ... [14] **Scalable Vector** Graphics (**SVG**) 1.1 Specification. ...
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FLAVOUR-Friendly Location-aware Conference Aid with PriVacy Observant ArchitectURe [PDF] from utwente.nl
K Muthukrishnan, N Meratnia... - 2005 - doc.utwente.nl
... UT offers its staff, students, as well as its visitors, ie, anyone with a desktop, laptop, **handheld** or wireless ... In addition, Alice is also using Jini to print pages from her web **browser** on a fixed printer ... Among all **vector** formats available, we decide to use **SVG** (**Scalable Vector** Graphics ...
Cited by 7 - Related articles - All 4 versions

Design of a visualization system of sequential logic chip based on SVG
Z Chen, Q Li... - Computer Design and Applications (..., 2010 - ieeexplore.ieee.org
... In addition, for those **handheld**, automotive and wireless devices, their screens are generally relatively ... "**SVG**-a web language standard of supporting **zoom vector** graphic," Computer Graphics,2000,5 ... 3) Duignan M, Biddh RM, Tempero E. "Evaluating **Scalable Vector** Graphics ...

VTQuest: a voice-based multimodal web-based software system for maps and directions
TW Schneider... - Proceedings of the 44th annual Southeast ..., 2006 - dl.acm.org
... SALT is a multimodal application language which was created to challenge Voice Extensible Markup Language (VoiceXML) by targeting multiple devices such as PC, **handhelds**, telephones, and others. ... **Scalable Vector** Graphics (**SVG**) 1.1 Specification. Retrieved 2005. ...
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... support for **SVG** (**Scalable Vector** Graphics) for **vector** based drawing on ... It is similar situation in 3D medical imaging on **handheld** devices: 2 manufacturers have announced thin client (image is reconstructed at server and streamed to client) solutions on Apple iPhone ...
Cited by 5 - Related articles - All 5 versions

SVG script editor
D Ducharme - EP Patent 1,898,368, 2008 - freepatentsonline.com
... panel to define **SVG** content for displaying on a display (typically for a target device, such as **handheld** wireless communication device). ... In brief, the camera tool presents to the user an intuitive interface for dealing with **Scalable Vector** Graphics (**SVG**) viewBox/viewport ...
Cached

Resolution independent display of internet content
GB Rohrabaugh, SA Sherman - US Patent 7,844,889, 2010 - Google Patents
... **Scalable Vector** Graphics (**SVG**) 1.0 Specification, W3C Candidate Recommendation Nov ... 1 -3. Janus Boye, **SVG** Brings Fast **Vector** Graphics to Web, Jul ... 1-5. **Vector** Markup Language (VML), World Wide Web Consortium Note May 13, 1998, NOLE-VML-19980513, http://www.w3 ...
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GB Rohrabaugh, SA Sherman - US Patent 7,461,353, 2008 - Google Patents
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[PDF] Stylesheet Translations of SVG to VML [PDF] from sjsu.edu
J Nabong - 2004 - cs.sjsu.edu
... be viewed in different screen sizes, such as PC displays and **handheld** devices. ... 21 2. An **SVG** Example **Scalable Vector** Graphics (**SVG**) is a specification based on XML. It is used to ... In addition to smaller file sizes, once an **SVG** image is displayed in a **browser**, the user can ...
Related articles - View as HTML - All 3 versions

[PDF] The Integration of Internet GIS and Wireless Mobile GIS [PDF] from sdsu.edu
MH Tsou - Manual of Geographic Information Systems, 2009 - geography.sdsu.edu
... **SVG** Tiny is designed for mobile phones. The advantage of mobile **SVG** (Basic and Tiny) compared to other graphic formats is that it can provide a compact, multimedia-enabled **vector** display format. Therefore, **SVG** images are **scalable** and dynamic, and can be used for ...
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Crouching tiger-hidden payload: security risks of **scalable** vectors graphics [PDF] from rub.de
M Heiderich, T Frosch, M Jensen... - Proceedings of the 18th ACM ..., 2011 - dl.acm.org
... Scalability: **SVG** files are, as the name indicates, scal- able based on their nature as **vector** graphics. **...** Users can create **SVG** files capable of providing event han- dling, effects, time-based changes and animations, as well as **zoom** effects and other helpful display **...**
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... 11] W3C, "Document Object Model", available at http://www.w3.org/DOM [12] Opera Software, http://www.opera.com [13] W3C, "**Handheld** Device Markup ... http://www.w3.org/TR/NOTE-Submission- HDML.html [14] W3C, "**Scalable Vector** Graphics (**SVG**) 1.0 Specification ...
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N Vun, G Lin... - ... , 2006. ISCE'06. 2006 IEEE Tenth ..., 2006 - ieeexplore.ieee.org
... Symp. on Consumer Electronics, pp. 583-586, Sept, 2004. [3] N. Vun, HM Tan, B. Li, "A GPS Guided Digital Map Positioning System On **Handheld** Device," IEEE Int. Symp. ... [6] **Scalable Vector** Graphics Specification [online] http://www.w3.org/graphics/**SVG** [7] Batik ...
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F Ipfelkofer, B Lorenz... - ... Visualization, 2006. IV ..., 2006 - ieeexplore.ieee.org
... MacauMap[3] is a **handheld** digital map application which displays information about tourist-related spots (ho- tels, restaurants, etc.), provides a bus routing function for calculating an optimal bus route between a ... [20] **Scalable Vector** Graphics (**SVG**) 1.1 Specification ...
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Handheld devices for applications using dynamic multimedia data [PDF] from qut.edu.au
B Pham... - Proceedings of the 2nd international conference on ..., 2004 - dl.acm.org
... Another rapid development is in the area of **scalable vector** graphics because **vector** graphics are "resolution independent" in the sense that they can be rescaled without losing quality. **SVG** is a **scalable** XML-based language for describing two- dimensional graphics and ...
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S Lee, G Fox, S Ko, M Wang... - Proceedings of SVGopen ..., 2002 - grids.ucs.indiana.edu
... Available at http://java.sun.com/ products/cldc/. [11] Palm, Inc. Palm m505 **Handheld** Product Details, http://www.palm.com/products/palmm505/details.html [12] J. Ferraiolo, ed., **Scalable Vector** Graphics (**SVG**) 1.0 Specification. August 2000. ...
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Method, **browser** client and apparatus to support full-page web browsing on hand-held devices
GB Rohrabaugh, SA Sherman - US Patent 7,823,083, 2010 - Google Patents
... PATENT DOCUMENTS GB 2344197 A 5/2000 JP 10-334082 A 12/1998 OTHER PUBLICATIONS Lars Erik Holmquist'Tocus+Content Visualization with Flip **Zoom**- ing and the **Zoom Browser**"- Published Mar. ... **Scalable Vector** Graphics (**SVG**) Specification, W3C ...
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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 ... Further, some **handhelds** are specifically designed with touch interfaces (the Windows Mobile platform ... RSS and GeoRSS, and provide rich geospatial visualizations built using **Scalable Vector** Graphics ...
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[PDF] **SCALABLE VECTOR** GRAPHICS (**SVG**) [PDF] from co-bw.com
C Peng - iphone.co-bw.com
... Adobe also says it is working on **browser** plug-ins for Navigator and Explorer to display **SVG** files, as well as a micro-viewer for a range of clients—from **handheld** devices to desktop computers [11]. ... **Scalable Vector** Graphics (**SVG**): An Executive Summary. Page 9. ...
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Method of adaptive data transmission
IK Clemens - US Patent App. 10/352,317, 2003 - Google Patents
... may be found on wireless devices such as cell phones, personal data assistants, **handhelds**, etc ... in and incorporated as a part of a **browser**, and is adapted to render **scalable vector** graphics ... method of adaptive transmission of claim 11 wherein the profile is one of **SVG** Full, **SVG** ...

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[PDF] Prototype of a Local based Service for Rendering Interactive Maps on Mobile GPRS Devices [PDF] from mercubuana.ac.id
C Bauernfeind, R Dlapka... - Proceeding of The ..., 2004 - research.mercubuana.ac.id
... This map is rendered as a Scaleable **Vector** Graphic, and will be displayed on a WinCE enabled **handheld** computer [5]. ... First we introduced the past of Geographic Information Systems. Then we took a look at the new established standard for **scalable vector** graphics **SVG**. ...
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	Examiner QUOC A. TRAN	Art Unit 2177	Page 1 of 1

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*	A	US-2002/0030699	03-2002	Van Ee, Jan	345/810
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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12941106	ROHRABAUGH ET AL.
	Examiner	**Art Unit**
	QUOC A TRAN	2177

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SERIAL NUMBER	FILING or 371(c) DATE RULE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
12/941,106	11/08/2010	707	2177	161539-P001XC3C

APPLICANTS

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

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

This application is a CON of 11/738,486 04/21/2007 PAT 7,831,926
which 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 60/217,345 07/11/2000
and claims benefit of 60/211,019 06/12/2000
This application 12/941,106 11/08/2010
is a DIV of 09/878,097 06/08/2001 PAT 7,210,099
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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	12	1

ADDRESS

IRELL & MANELLA LLP
1800 AVENUE OF THE STARS
SUITE 900
LOS ANGELES, CA 90067
UNITED STATES

TITLE

SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES

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Method, **browser** client and apparatus to support full-page web browsing on hand-held devices
GB Rohrabaugh, SA Sherman - US Patent 7,823,083, 2010 - Google Patents
... 1-30, http://www.cs.unm.edu/pad++. Benjamin B. Bederson et al., A Zooming Web **Browser**, SPIE 1996, http://www.cs.umd.edu/hcil/jazz/learn/papers/spie-96-webbrowser. **...** 1-2. **Scalable Vector** Graphics (**SVG**) 1.0 Specification, W3C Candidate Recommendation Nov. **...**
Cited by 1 - Related articles - All 5 versions

Scalable display of internet content on mobile devices
GB Rohrabaugh, SA Sherman - US Patent 7,831,926, 2010 - Google Patents
... Bjork, et al., "WEST: A Web **Browser** for Small Terminals," Proceed- ings of the 12 ACM symposium on User Interface Software and Technology (1999), entirety (pages not numbered). **...** 27-53. **Scalable Vector** Graphics (**SVG**) Specification, W3C Working Draft Feb. **...**
Related articles - All 5 versions

Resolution independent display of internet content
GB Rohrabaugh, SA Sherman - US Patent 7,844,889, 2010 - Google Patents
... Scalable Vector Graphics (**SVG**) 1.0 Specification, W3C Candidate Recommendation Nov **...** 1 -3. Janus Boye, **SVG** Brings Fast **Vector** Graphics to Web, Jul **...** 1-5. **Vector** Markup Language (VML), World Wide Web Consortium Note May 13, 1998, NOLE-VML-19980513, http://www.w3 **...**
Cited by 1 - Related articles - All 4 versions

Location Derived Messaging System
HM Layson - US Patent App. 13/019,512, 2011 - Google Patents
Page 1. <19) United States US 201 I0l9l432Al <12) Patent Application Publication <10) Pub. No.: US 2011/0191432 A1 Layson, JR. (43) Pub. Date: Aug. 4, 2011 (54) LOCATION DERIVED MESSAGING SYSTEM Publication Classification (5 1) Int. Cl. **...**
All 2 versions

Create email alert

SVG scalable vector handheld browser and zoombrowser

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Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12941106	ROHRABAUGH ET AL.
	Examiner	Art Unit
	QUOC A TRAN	2177

SEARCHED

Class	Subclass	Date	Examiner
715	249	4/7/2012	QT
715	234, 705, 800-825	4/7/2012	QT

SEARCH NOTES

Search Notes	Date	Examiner
EAST (USPAT, USPGPUB, JPO, USOCR, FPRS, EPO, DERWENT & IBM_TDB)	4/7/2012	QT
Inventors Searched Conducted- Considered Double Patent Rejection	4/7/2012	QT
NPL Search (Google Scholar Digital Library)	4/7/2012	QT
Text Search 715/249, 234, 708 and 800-825	4/7/2012	QT

INTERFERENCE SEARCH

Class	Subclass	Date	Examiner

/QUOC A TRAN/ Examiner.Art Unit 2177	

REMARKS

This is a response to the Office Action dated April 10, 2012. In the Office Action, claims 1-12 were rejected under judicially created doctrine of obviousness-type double patenting; and claims 1-12 were rejected under 35 U.S.C. 103(a) as being unpatentable over Van Ee, US20020030699A1 – Continuation in Part of U.S. Ser. No. 09/062,364 filed 04/17/1998 (hereinafter *Van Ee*), in view of Canelones et al. – U.S. Patent No. 6,700,589 (hereinafter *Canelones*).

Claim 1 has been amended, and new claims 13 and 14 have been added. Claims 1-14 are 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.

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.

The Applicants further note that the following lawsuits involve patents related to this application:

- 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.)

Double Patenting

Claims 1-12 was rejected under judicially created doctrine of obviousness-type double patenting. Applicants have submitted a terminal disclaimer herewith with respect to the patents referenced in the rejection. Accordingly, applicants respectfully request withdrawal of the double patenting rejections.

Claim Rejections - 35 U.S.C. 103(a)

Claims 1-12 were rejected under 35 U.S.C. 103(a) as being unpatentable over *Van Ee* in view of *Canelones*. Applicants respectfully assert that these rejections are improper and should be withdrawn.

Van Ee and *Canelones* do not qualify as prior art under 35 U.S.C. 102(b).

Applicants note that the subject matter of *Van Ee* and *Canelones* relied upon by the Examiner is not prior art under 35 U.S.C. 102(b). *Van Ee* was filed on July 19, 2000 and published on March 14, 2002; and *Canelones* was filed on February 17, 2000 and issued on March 2, 2004. The latest possible priority date of any of the claimed inventions of the present application is June 8, 2001. Although *Van Ee* references related application on its face, there is no indication that the related application supports the subject matter relied upon to make the rejections. *See* MPEP 2136.03 at § III (provisional application filing date is applicable "**if** the provisional application(s) properly supports the subject matter relied upon to make the rejection"); *id.* at § IV (earlier-filed continuation-in-part application date is applicable "provided the

earlier-filed application properly supports the subject matter relied upon in any rejection").

In particular, the Office Action relies on *Van Ee* at Abstract, paragraphs 7-10 to support its rejection, but the earlier application (filed on April 17, 1998) on which Van Ee relies does not teach the subject matter disclosed in those portions of *Van Ee*. Accordingly, *Van Ee* is entitled to priority date no earlier than its filing date of July 19, 2000, which is less than one year prior to June 8, 2001. Moreover, *Van Ee* has publication date of March 14, 2002, which is after June 8, 2001. *Canelones* was filed on Feburary 17, 2000, but patented on March 2, 2004. Further, there is no indication that *Canelones* was published before the patent date. *See* MPEP 1120. *Canelones*'s publication date of March 2, 2004, is after June 8, 2001. Accordingly, neither *Van Ee* nor *Canelones* qualify as prior art under 35 U.S.C. 102(b).

In consideration of a potential 35 U.S.C. 103(a) rejection under which either Van Ee and/or *Canelones* is being applied as 35 U.S.C. 102(e) prior art, applicants reserve the right to swear behind either or both references.

Van Ee and *Canelones* do not render claims 1-12 obvious.

Apart from the fact that the cited portions of *Van Ee* and *Chithambaram* have not been established to be (at least 35 U.S.C. 102(b)) prior art, the rejection of claims 1-12 is improper because, among other things, neither *Van Ee* nor *Canelones* teaches "processing the HTML-based Web content to produce scalable content," "employing scalable content and/or data derived therefrom ..." and "iteratively zoom in and out views of the Web page while preserving the original page layout, functionality, and design defined by the HTML-based Web content" as recited in claim 1. The Examiner argues that *Van Ee* discloses these limitations. Office Action at 7-9. Applicants respectfully disagree.

Van Ee does not teach employing scalable content to enable zooming in and out Web page views while preserving the original page layout, functionality, and design because, for example, *Van Ee* is not about processing HTML data. Rather, *Van Ee* relates

to so-called "auto-zoom" where zooming is performed on an arbitrary area of a device's display area, and not based on HTML data. *Van Ee* at ¶ 0008, 0018.

Indeed, 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 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).

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 Applicants' claims recite processing the HTML-based Web content to produce scalable content that can be used to zoom and/or render views of the Web page content "while preserving the original page layout, functionality, and design of the content." *See* claim 1. 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 preserves 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 preserves the ***original page layout*** of an HTML-based content as defined by the HTML code for Yahoo's home page.

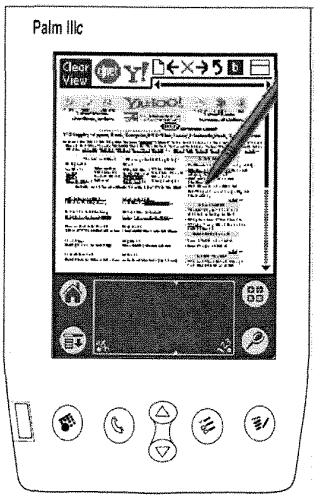


FIG. 7A

Figure 7A; *see 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. This approach is not supported by *Canelones* and *Van Ee*, considered alone, together in combination, or in combination with any art of record.

Van Ee discloses what it calls an "auto-zoom," and is allegedly based on its parent application[1] relating to touch screen controller, such as a touch screen keyboard that "magnifies that section so that the intended key re-appears at a larger scale and can be selected." *Van Ee* at Title, ¶ 0007-0008. The touch screen keyboard has no relation to an HTML-based Web content. *See id.* Rather, the application of *Van Ee* appears to be an attempt to broaden the concept of the touch screen keyboard zooming relating to the parent application. *See id.* But, to the extent *Van Ee* teaches zooming of Web content, *Van Ee* discloses a different implementation from the current Application claims.

[1] *Van Ee* is a continuation-in-part of the parent application, which matured into U.S. Patent No. 6,211,856.

For instance, *Van Ee* does not teach processing an HTML-based Web content to produce scalable content. *See Van Ee* at ¶ 1-23. As such, *Van Ee* does not and cannot teach ***employing*** a scalable content derived from the HTML-based Web content. Consequently, *Van Ee* also does not teach preserving the original page layout, functionality, and design ***defined by*** the HTML-based Web content.

On the contrary, *Van Ee* discloses a zoomable device that has an arbitrary segmentation of content. *See, e.g., Van Ee* at ¶ 0018 ("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. Alternatively, that part of the original image gets magnified that has a center coinciding with the touch location."). *Van Ee* does not teach that the arbitrary segmentation that are zoomed are based on the HTML-based Web content. *Van Ee* similarly does not teach that the arbitrary segmentation is the result of processing the HTML-based Web content to generate page layout information corresponding to the original page layout as interpreted by the rendering engine. Indeed, *Van Ee* does not even disclose how the rendering is implemented, much less that it is implemented in the manner as claimed in the Applicants' invention. *See, e.g., Van Ee* at ¶ 16-19.

Canelones fails to teach what *Van Ee* lacks. *Canelones* discloses a magnification scheme that involves "server maintain[ing] a high resolution file version and a low resolution file version." *Canelones* at Abstract. However, *Canelones* does not teach processing the HTML data to enable preservation of "original page layout, functionality, and design defined by the HTML-based Web content." For example, *Canelones* does not even mention HTML tags, which define various HTML layout and display information. *See* Application at 0052.

Accordingly, neither *Van Ee* nor *Canelones* teach, among other things, "processing the HTML-based Web content to produce scalable content," "employing scalable content and/or data derived therefrom ..." and "iteratively zoom in and out views of the Web page while preserving the original page layout, functionality, and design defined by the HTML-based Web content" Applicants respectfully submit that

claim 1 is patentable over *Van Ee* and *Canelones*. Dependent claims 2-12 are patentable for at least the same reasons as the independent claim 1 and for the additional inventive combination recited therein.

New Claims 13 and 14

New claims 13 and 14 have been added in this response. Claim 13 recites,

13. The mobile device of claim 1, wherein preservation of functionality includes preservation of input form functionality.

Support for this claim can be found at least in paragraph [0072] (A set of user input objects... including an "ACCOUNT #" input box 255A, an "ACCESS CODE" input box 256A"), also shown in Figures 4A, 4B, 4C, 4E, and 4F, and Listing 1 on pages 23-25 of the application. As is clearly described and illustrated, "ACCOUNT #" input box 255A, an "ACCESS CODE" input box 256A" comprise input objects commonly associated with input forms on Web pages.

New claim 14 recites,

14. The mobile device of claim 1, wherein the rendering engine comprises a desktop rendering engine.

Support for this claim can be found at least in FIG. 5 and paragraphs [0007] and [0082].

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 charge the required fees (extensions of time) to deposit account 09-0946.

Respectfully submitted,

Date: October 9, 2012

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99)**		
	Application Number	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC3C

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	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC3C

	1	Provisional U.S. Application No. 60/159,069 to Chithambaram et al. (1999-10-12), p. 1-30.	☐
	2	Screenshot of Web pages using Opera 3.60: Altavista.com - May 1, 1999, p. 1-13.	☐
	3	Screenshot of Web pages using Opera 3.60: Cnet.com - May 8, 1999, p. 1-23.	☐
	4	Screenshot of Web pages using Opera 3.60: Excite.com - May 8, 1999, p. 1-14.	☐
	5	Screenshot of Web pages using Opera 3.60: NYTimes.com - Apr. 22, 1999, p. 1-15.	☐
	6	Screenshot of Web pages using Opera 3.60: Opera.com - Oct. 10, 1999, p. 1-14.	☐
	7	Screenshot of Web pages using Opera 3.60: Softsource.com - Apr. 17, 1999, p. 1-16.	☐
	8	Screenshot of Web pages using Opera 3.60: uTexas.edu - Apr. 27, 1999, p. 1-12.	☐
	9	Screenshot of Web pages using Opera 3.60: USPTO.gov - May 5, 1999, p. 1-13.	☐
	10	Screenshot of Web pages using Opera 3.60: Yahoo.com - May 8, 1999, p. 1-10.	☐
	11	Provisional U.S. Application No. 60/193,862 to Chithambaram et al. (2000-03-30), p. 1-32.	☐

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	Attorney Docket Number	161539-P001XC3C

	12	KEVIN MCCLUSKEY, Mozilla, Widget Library, July 10, 2005, p. 1-5.	☐
	13	RICK POTTS, Mozilla, NGLayout Embedding APIs, Last modified Mar. 9, 1999, p. 1-12.	☐
	14	MICHAEL PLITKINS, Mozilla, View System, Last modified Jan. 14, 1999, p. 1-4.	☐
	15	(Author Unknown), Mozilla, Threading Model, Last modified Oct. 29, 1998, p. 1-3.	☐
	16	RICK GESSNER, Mozilla, HTML Tag Handling Chart, Last modified Oct. 23, 1998, p. 1-9.	☐
	17	CHRIS WATERSON, Gecko Overview, June 10, 2002, p. 1-36.	☐
	18	MIKE SHAVER, MICHAEL ANG, Inside the Lizard: A Look at the Mozilla Technology and Architecture, May 29, 2000, p. 1-6.	☐
	19	KIPP HICKMAN, Mozilla, Base Library Roadmap, Last modified July 15, 1998, p. 1-2.	☐
	20	KIPP HICKMAN, Mozilla, The Content Model, Last modified July 15, 1998, p. 1-3.	☐
	21	VIDUR APPARAO, TOM PIXLEY, Mozilla, The NGLayout Document Object Model (DOM) Roadmap, Last modified May 26, 2001, p. 1-12.	☐
	22	CHRIS KARNAZE, Mozilla, Forms, Last modified Jan. 14, 1999, p. 1-4.	☐

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	Attorney Docket Number	161539-P001XC3C

	23	TROY CHEVALIER et al., Mozilla, New Layout: HTML Layout, Last modified July 20, 1998, p. 1-7.	☐
	24	(Author Unknown), Mozilla, Layout Engine Technical Documentation, Last modified Apr. 4, 2008, p. 1-3.	☐
	25	JAMES EVERINGHAM, Mozilla, BAM Roadmap, Last modified July 15, 1998, p. 1-6.	☐
	26	RICK GESSNER, Mozilla, Parsing Engine, Last modified July 15, 1998, p. 1-5.	☐
	27	MICHAEL PLITKINS, Mozilla, Java and Plugins, Last modified Jan. 14, 1999, p. 1-3.	☐
	28	MICHAEL PLITKINS, Mozilla, Printing, Last modified Jan. 14, 1999, p. 1-2.	☐
	29	MICHAEL PLITKINS, Mozilla, Redering, Last modified Jan. 14, 1999, p. 1-6.	☐
	30	PETER LINSS, Mozilla, Style System, Last modified July 15, 1998, p. 1-5.	☐
	31	SoftView Brief In Support Of Motion For Leave To Amend Complaint, SoftView LLC v. Apple Inc., Case No. 10-389-LPS, 11/10/2010, at p. 1-9	☐
	32	SoftView's First Amended Complaint, SoftView LLC v. Apple Inc., Case No. 10-389-LPS, 12/3/2010, at p. 1-7.	☐
	33	Apple's Answer, Defenses, and Counterclaims to First Amended Complaint, SoftView LLC v. Apple, Case No. 10-389-LPS, 1/3/2011, at p. 1-22.	☐

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	34	AT&T's Answer, Defenses, and Counterclaims to First Amended Complaint, SoftView LLC v. Apple, Case No. 10-389-LPS, 1/3/2011, p. 1-22.	☐
	35	SoftView's Reply to Defendants' Defenses and Counterclaims, SoftView LLC v. Apple, Case No. 10-389-LPS, 1/24/2011, p. 1-8.	☐

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	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC3C

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)	2012-10-09
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.

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	Application Number	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC3C

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	Attorney Docket Number	161539-P001XC3C

	1	Michael J. Albers and Loel Kim, 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 and Brian N. Bershad, Mobisaic: 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	Changes to SVF, date unknown, SoftSource, available at http://www.svf.org/diff.html, p. 1-2.	☐
	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	Timothy Bickmore et al., Web Page Filtering and Re-Authoring for Mobile Users, 1999, The Computer Journal, vol. 42, no. 6, p. 534-546.	☐
	9	Stefan Gessler & Andreas Kotulla, PDAs as Mobile WWW Browsers, Dec. 1995, University of Karlsruhe, p. 1-11.	☐
	10	Joel F. Bartlett, Experience with a Wireless World Wide Web Client, March 1995, Digital Equipment Corp., Western Research Laboratory, p. 1-13.	☐
	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, p. 1-20.	☐

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	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	Benjamin B. Bederson et al., A Zooming Web Browser ("Bederson-3"), 1996, SPIE, vol. 2667, p. 1-12.	☐
	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), p. 1101-1135.	☐
	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, p. 3-31.	☐
	17	Nokia Unveils World's First All-in-One Communicator for the Americas ("Nokia"), September 19, 1996, Nokia, p. 1.	☐
	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., p. 1-5.	☐
	19	Apple Outlines Plethora of Newton Wireless Communications Solutions at MessagePad 120 Lauch ("Newton"), January 30, 1995, Apple Computer, Inc., p. 1-4.	☐
	20	Kaoru Misaki, Locatio Beginner's Guide (and English translation thereof) ("Locatio"), July 30, 1999, Cutt Systems, p. 1-179.	☐
	21	Tim Bray, XML in XML ("Bray"), March 18, 1999, XML.com, p. 1-6.	☐
	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/, p. 1-7.	☐

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	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/, p. 1-7.	☐
	24	Scalable Vector Graphics (SVG) 1.0 Specification, November 2, 2000, W3C Candidate Recommendation, p. 1-513.	☐
	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, p. 1-3.	☐
	26	Steve Mulder, Sneak Peak at SVG, March 4, 1999, p. 1.	☐
	27	Janus Boye, SVG Brings Fast Vector Graphics to Web, July 29, 1999, Irt.org, available at http://www.irt.org/articles/js176/, p. 1-5.	☐
	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, p. 1-4.	☐
	29	Vector Markup Language (VML), May 13, 1998, World Wide Web Consortium Note NOTE-VML-19980513, p. 1-41.	☐
	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, p. 1-32.	☐
	31	Specification for Simple Vector Format (SVF) v1.1, January 16, 1995, SoftSource, available at http://www.softsource.com/svf/spec.html, p. 1-8.	☐
	32	Specification for Simple Vector Format (SVF) v.2.0, December 6, 2000, SoftSource, available at http://www.svf.org/spec.html, p. 1-21.	☐
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	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC3C

EXAMINER SIGNATURE			
Examiner Signature		Date Considered	

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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	/Babak Redjaian/	Date (YYYY-MM-DD)	2012-10-09
Name/Print	Babak Redjaian	Registration Number	42096

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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.

1. (Currently Amended) A method, comprising:

enabling a user of a mobile device having a touch-sensitive display to request access to a Web page comprising HTML-based Web content defining an original page layout, functionality, and design of content on the Web page;

retrieving and processing the HTML-based Web content to produce scalable content; and

employing the scalable content and/or data derived therefrom to,

render a view of the Web page on the touch-sensitive display; and

re-render the Web page in response to associated user inputs to enable the user to iteratively zoom in and out views of the Web page while preserving ~~an~~ [[the]] original page layout, functionality, and design defined by the HTML-based Web content as interpreted by a rendering engine,

wherein preservation of the functionality defined by the HTML-based Web content includes preservation of hyperlink functionality.

2. (Original) The method of claim 1, wherein the mobile device comprises a mobile phone.

3. (Original) The method of claim 1, further comprising enabling the user to zoom in on a user-selectable portion of a display of the Web page in response to a user interface input made via the touch-sensitive display.

4. (Original) The method of claim 1, wherein the display of the Web page is re-rendered in real-time to effect zooming operations.

5. (Original) The method of claim 1, wherein the Web page includes at least one hyperlink, the method further comprising:

enabling the user to select a hyperlink via the touch-sensitive display; and, in response thereto,

retrieving and processing HMTL-based Web content associated with the hyperlink to produce additional scalable content; and

employing the additional scalable content and/or data derived therefrom to render the Web content associated with the hyperlink on the touch-sensitive display.

6. (Original) The method of claim 1, wherein at least a portion of the scalable content comprises scalable vector-based content.

7. (Original) The method of claim 1, further comprising enabling a user to pan views of the Web page in real-time in response to corresponding user inputs made via the touch-sensitive display.

8. (Original) The method of claim 1, further comprising enabling a user to zoom on a column of the Web content by tapping on the column via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that content corresponding to the selected column is displayed across the touch-sensitive display.

9. (Original) The method of claim 1, wherein the Web content includes at least one image, the method further comprising enabling a user to zoom on an image by tapping on the image via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that the image is displayed to fit a width of a display area of the touch-sensitive display used for displaying Web page content.

10. (Original) The method of claim 1, wherein the scalable content includes scalable text content, and wherein execution of the instructions performs further operations comprising scaling a scalable font to render the scalable text content.

11. (Original) The method of claim 1, wherein the original format of the Web page defines a width for the Web page, the method further comprising:

employing the rendering engine to interpret a width of the Web page; and

rendering a view of the Web page wherein the width of the Web page is rendered to fit across a width of a display area on the touchscreen display used for displaying Web page content.

12. (Original) The method of claim 1, wherein the method enables the user to access user-selected Web pages from among billions of Web pages available via the World Wide Web while preserving an original page layout, hyperlink functionality, and design defined by the HTML-based Web content as interpreted by a rendering engine for each of the user-selected Web pages.

13. (New) The method of claim 1, wherein preservation of functionality includes preservation of input form functionality.

14. (New) The method of claim 1, wherein the rendering engine comprises a desktop rendering engine.

Electronic Acknowledgement Receipt	
EFS ID:	13946299
Application Number:	12941106
International Application Number:	
Confirmation Number:	9016
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	29000
Filer:	Babak Redjaian
Filer Authorized By:	
Attorney Docket Number:	161539-P001XC3C
Receipt Date:	09-OCT-2012
Filing Date:	08-NOV-2010
Time Stamp:	21:19:05
Application Type:	Utility under 35 USC 111(a)

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Claims	2	4
Applicant Arguments/Remarks Made in an Amendment	5	12

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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.

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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 :	12/941,106	Conf. No. :	9016
Filed :	Nov. 8, 2010		
Title :	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES		

Commissioner for Patents
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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 Action of April 10, 2012 noted certain technical issues with the Applicant's Information Disclosure Statements previously submitted to the Examiner. In particular, the Examiner stated:

> Regarding the Information Disclosure Statements dated 10/18/2011 and 10/18/2011, 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.
>
> 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.

Office Action, April 10, 2012, at 2-3.

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 October 9, 2012. /Susan M. Langworthy/

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, 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.

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.

The Applicants further note that the following lawsuits involve patents related to this application:

- 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: October 9, 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 Patent Application Fee Transmittal

Application Number:	12941106
Filing Date:	08-Nov-2010
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Filer:	Babak Redjaian
Attorney Docket Number:	161539-P001XC3C

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($)
Miscellaneous:				
Statutory or terminal disclaimer	2814	1	80	80
		Total in USD ($)		**725**

Attorney Docket No.: 161539-P001XC3C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Gary B. Rohrabaugh	Art Unit	:	2177
			Examiner	:	Quoc A. Tran
Serial No	:	12/941,106	Conf. No.	:	9016
Filed	:	Nov. 8, 2010			
Title	:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES			

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

TERMINAL DISCLAIMER UNDER 37 C.F.R. §§ 3.73(b) AND 1.321(c)

Pursuant to 37 C.F.R. § 3.73(b), SoftView LLC of Bellingham, Washington, certifies that it is the assignee of the entire right, title, and interest in the present application by virtue of an assignment from the inventors of the present patent application. The assignment was recorded in the Patent and Trademark Office at Reel 024358, Frame 0179 on May 10, 2010. To the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned is empowered to act on behalf of the assignee. Pursuant to 37 C.F.R. § 1.321(c), the assignee identified above hereby disclaims the terminal portion of the term of the entire patent to be granted upon the present application subsequent to the expiration date of U.S. Patent Nos. 8,145,995; 7,844,889; 7,831,926; and 7,461,353 provided that any patent granted on the present application shall be enforceable only for and during such period that it is commonly owned with U.S. Patent Nos. 8,145,995; 7,844,889; 7,831,926; and 7,461,353.

CERTIFICATE OF TRANSMISSION

I hereby certify that this paper was transmitted to the Patent and Trademark Office using the EFS-WEB system on this date: October 9, 2012

/Susan M. Langworthy/

The assignee identified above does not disclaim any terminal part of any patent granted on the present application prior to the expiration date of the full statutory term of U.S. Patent Nos. 8,145,995; 7,844,889; 7,831,926; and 7,461,353 in the event that U.S. Patent Nos. 8,145,995; 7,844,889; 7,831,926; and 7,461,353 later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally disclaimed under 37 C.F.R. § 1.321(a), has all claims cancelled by a reexamination certificate, or is otherwise terminated prior to expiration of its statutory term, as presently shortened by any terminal disclaimer. The full statutory term of any patent includes any term adjustment under 35 U.S.C. § 154 or § 173. Assignee herein does not disclaim or otherwise affect any part of U.S. Patent Nos. 8,145,995; 7,844,889; 7,831,926; and 7,461,353.

This disclaimer runs with any patent granted on the present application and is binding upon the grantee, its successors or assigns.

Please charge Deposit Account No. 09-0946 for the required fee pursuant to 37 C.F.R. § 1.20(d). Please apply any other charges or credits to Deposit Account No. 09-0946.

Respectfully submitted,

/Babak Redjaian/
Babak Redjaian
Reg. No. 42,096

Dated: October 9, 2012

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Facsimile: (310) 203-7199

0.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Gary B. Rohrabaugh	Art Unit	:	2177
			Examiner	:	Quoc A. Tran
Serial No	:	12/941,106			
			Conf. No.	:	9016
Filed	:	Nov. 8, 2010			
Title	:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES			

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

RESPONSE TO OFFICE ACTION OF APRIL 10, 2012

Listing of claims begins on page 2.

Remarks begin on page 5.

CERTIFICATE OF FILING VIA EFS-WEB

I hereby certtify that this paper (along with any referred to as being attached or enclosed) is being transmitted via electronic filing (EFS-WEB) on October 9, 2012

/Susan M. Langworthy/

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	12941106
Filing Date	2010-11-08
First Named Inventor	Gary B. Rohrabaugh
Art Unit	2177
Examiner Name	Quoc A. Tran
Attorney Docket Number	161539-P001XC3C

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	6073136		2000-06-06	Bertram	
	2	6947995		2005-09-20	Chang	
	3	7032172		2006-04-18	Lee	
	4	6327533		2001-12-04	Chou	
	5	6751620		2004-06-15	Orbanes	

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	20040210833		2004-10-21	Lerner	

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC3C

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	H10-21224	JP		1998-01-23	Toshiba Corp.		☐

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	Softview LLC's Responses To Kyocera Corp. And Kyocera Wireless Corp.'S First Set Of Interrogatories (NO. 1) with Exhibits, filed July 23, 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 1027_1 - 1027_89	☐
	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	☐
	4	SONY MOBILE'S OBJECTIONS AND RESPONSES TO PLAINTIFF'S FIRST SET OF COMMON INTERROGATORIES TO SONY MOBILE COMMUNICATIONS (USA) INC. (NOS. 1-10), Softview LLC v. Apple Inc. et al., 10-389 (LPS) (D. Del.), 2012-07-19, p. 1-38	☐
	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	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC3C

	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	☐
	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	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC3C

	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

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	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC3C

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)	2012-10-11
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:	13960978
Application Number:	12941106
International Application Number:	
Confirmation Number:	9016
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE 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-P001XC3C
Receipt Date:	11-OCT-2012
Filing Date:	08-NOV-2010
Time Stamp:	16:11:36
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	3052
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	Information Disclosure Statement (IDS) Form (SB08)	SB08_New_IDS.pdf	614487 7e7f100ca5236723957900913c785d9f59e2cd6b	no	6
Warnings:					
Information:					
2	Foreign Reference	JP-H10-21224.pdf	24320437 bc71ef4d7734ebfecc55f66525ce9c0b5b759788	no	43
Warnings:					
Information:					
3	Non Patent Literature	Ref_1_Contentions.pdf	2599307 0b5a671b790fe05f606727a4b545de4ba6d4ec31	no	89
Warnings:					
Information:					
4	Non Patent Literature	Ref_2_HTC_Resps_to_SV_Rogs.pdf	151075 7223a5ab6b7363aae19f0551a17fb858df61b957	no	19
Warnings:					
Information:					
5	Non Patent Literature	Ref_3_CC_Brief-part_1.pdf	19657948 3270b1d8eb6fd326bb22bf7c26648beec0ce5103	no	375
Warnings:					
Information:					
6	Non Patent Literature	Ref_3_CC_Brief-part_2.pdf	13439168 5571013cbdc9dbea8c09aa566c3c2115b1718fdc	no	376
Warnings:					
Information:					
7	Non Patent Literature	Ref_4_Sony_Objs_and_Resps_to_SV_Rogs.pdf	430613 2a16f53183234e72ea2ed059eb2b576e0d6f8629	no	38
Warnings:					
Information:					
8	Non Patent Literature	Ref_5_SoftView_Tutorial.pdf	3813730 a4a5d053073bb42be18bbf474deba7225278bf57	no	49
Warnings:					

Information:					
9	Non Patent Literature	Ref_6_Reinman_Declaration.pdf	1136689 0f6de249ebf3b25409528338193b1beec6228979	no	23
Warnings:					
Information:					
10	Non Patent Literature	Ref_7_Johnson_Declaration.pdf	7900030 0adf53dd87ebc525f6a49af9d46d96f86f2d83f1	no	198
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11	Non Patent Literature	Ref_8_SoftSource_Press_Releases.pdf	430998 5cba03319018e2932b93558ba28f0105c5760352	no	5
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12	Non Patent Literature	Ref_9_Brief_Tour_thru_Pad.pdf	3985029 e83b6866c64e93b15cae35c7a9ad2fa9d70b8353	no	142
Warnings:					
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13	Non Patent Literature	Ref_10_Pad_Programmers_Guide.pdf	760197 38b3ed27d728b982d23189d43bcbcd4a1b4e57e9	no	17
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14	Non Patent Literature	Ref_11_Pad_ReferenceManual.pdf	7791946 c2e027dc6b2d7c92295153b78c5ece7bfa4132f4	no	84
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15	Non Patent Literature	Ref_12_Watanabe_pp1-137.pdf	11718941 809151ead28175ea564d44bf5f5dca21bcb8b36d	no	137
Warnings:					
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16	Non Patent Literature	Ref_13_Zaurus_User_Manual-part1.pdf	20290773 0bc2d47e251d5dc906350628bee699e4de21bf37	no	250
Warnings:					
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17	Non Patent Literature	Ref_13_Zaurus_User_Manual-part2.pdf	16649144 e688c10d8ae9be46f47976c6b15eca78c40c2744	no	264
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18	Non Patent Literature	Ref_14_Zaurus_Brochure_97_pp651-655.pdf	799044 cdcabcde1be8d1696cb06eee0d2091b7a15ae574	no	5
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Information:					
19	Fee Worksheet (SB06)	fee-info.pdf	30755 9c100217bb0bfd93da1b49be589ad0b95ebb5927	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	136520311		

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:	13961127
Application Number:	12941106
International Application Number:	
Confirmation Number:	9016
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	29000
Filer:	Babak Redjaian
Filer Authorized By:	
Attorney Docket Number:	161539-P001XC3C
Receipt Date:	11-OCT-2012
Filing Date:	08-NOV-2010
Time Stamp:	16:15:02
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	Non Patent Literature	Ref_15_Zaurus_Brochure_98_pp656-660.pdf	809176 e976b755ccd52b53ae0ab414ce9274ecd7a623c2	no	5
Warnings:					
Information:					

2	Non Patent Literature	Ref_16_Zaurus_Brochure_97_pp661-667.pdf	1168233 5ca1afa70f1975f0f84e1ccece0627031561c791	no	7
Warnings:					
Information:					
3	Non Patent Literature	Ref_17_Zaurus_PC_Watch_pp668-670.pdf	90816 8748003c764f8d9675ffa8cda58894091460 48eb	no	3
Warnings:					
Information:					
4	Non Patent Literature	Ref_18_Ferraiolo.pdf	309119 6411ae4d8c405358dcf1d6d4f3c809844807 f7de	no	17
Warnings:					
Information:					
5	Non Patent Literature	Ref_19_Lauff.pdf	436057 409c87f95cb061eb87c831715f8f7bce04ab e8a7	no	13
Warnings:					
Information:					
6	Non Patent Literature	Ref_20_Nethopper.pdf	88516 2ef4503eef8937e0fa59dd6b8a46c98849e1 ca1e	no	4
Warnings:					
Information:					
7	Non Patent Literature	Ref_21_Joint_CC_Chart_Vol_1-part1.pdf	18936601 881b8439e71e9fd9d0a43da08d98635b95e 8bccf	no	288
Warnings:					
Information:					
8	Non Patent Literature	Ref_21_Joint_CC_Chart_Vol_1-part2.pdf	8866398 d553c91bc80f3063ac1ceb62940334547c5 ba8c8	no	278
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9	Non Patent Literature	Ref_22_Joint_CC_Chart_Vol_2.pdf	24623777 937449e9acb0382693113b2820f71275394 bda95	no	817
Warnings:					
Information:					
10	Non Patent Literature	Ref_23_CC_Brief.pdf	591869 e825b94a4674c4a270d4eacd1da7663fa4c 89d5a	no	34
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11	Non Patent Literature	Ref_24_Grimes.pdf	905787 7db7660cd2a5d5aceab6fa5c8c419b72de7eedcf	no	41
Warnings:					
Information:					
12	Non Patent Literature	Ref_25_Grimes_2.pdf	829922 005a11b488b546707200017033fc8c6035726d29	no	5
Warnings:					
Information:					
			Total Files Size (in bytes):	57656271	

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 Patent Application Fee Transmittal	
Application Number:	12941106
Filing Date:	08-Nov-2010
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Filer:	Babak Redjaian/Susan Langworthy
Attorney Docket Number:	161539-P001XC3C
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($)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
		Total in USD ($)		**180**

Application Number	Application/Control No.	Applicant(s)/Patent under Reexamination	
	12/941,106	ROHRABAUGH ET AL.	

Document Code - DISQ	Internal Document – DO NOT MAIL

TERMINAL DISCLAIMER	☒ APPROVED	☐ DISAPPROVED
Date Filed : 10/9/12	This patent is subject to a Terminal Disclaimer	

Approved/Disapproved by:

Janice Ford

U.S. Patent and Trademark Office

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	2013/03/10 13:16
L2	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L3	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L4	19	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L5	16	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L6	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L7	0	L6 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16

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	2013/03/10 13:16
L9	11	L8 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L10	8	L9 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L11	36898	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L12	44	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L13	0	L12 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L14	1322	L11 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L15	36898	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L16	1322	L14 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2013/03/10 13:16

			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	2013/03/10 13:16
L18	57	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L19	0	L18 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L20	3849	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L21	65	L20 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L22	19	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L23	19	L22 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L24	2	"20070198916".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L25	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-	US-PGPUB; USPAT;	OR	ON	2013/03/10 13:16

		$ 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-$).did.	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
L26	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
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L28	19	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L29	16	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L30	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L31	0	L30 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L32	23	(US-20020018072-$ 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	2013/03/10 13:16
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			DERWENT; IBM_TDB			
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L35	36898	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L36	44	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L37	0	L36 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L38	1322	L35 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L39	36898	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L40	1322	L38 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L41	21	L38 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L42	57	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR;	OR	ON	2013/03/10 13:16

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L43	0	L42 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L44	3849	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L45	65	L44 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L46	796	(zoom$3 with browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L47	13	L46 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L48	0	L47 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L49	10337	(zoom$3 & browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L50	192	L49 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L51	4	L50 & css	US-PGPUB;	OR	ON	2013/03/10

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			13:16
L52	1	L50 & (cascad$3 same stylesheet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L53	189	L50 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L54	14	L53 & (zoom$3 same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L55	14	L54 & vector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L56	23	(US-20020018072-$ 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	2013/03/10 13:16
L57	7	L56 & vector & width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L58	4	L56 & CSS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L59	9	L56 & larger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2013/03/10 13:16

			DERWENT; IBM_TDB			
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L61	10	L56 & (column raw vertical$2 x y horizontal$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
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	2013/03/10 13:16
L63	5	L56 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L64	15	L56 & (tap$4 touch$3 input$3 click$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L65	12	L56 & (zoom$3 offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L66	15	L56 & (text paragraph)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L67	14	L56 & (zoom$3 resiz$3 enlarg$3 same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L68	14	L56 & (zoom$3 resiz$3 enlarg$3 with (text paragraph))	US-PGPUB; USPAT; USOCR;	OR	ON	2013/03/10 13:16

			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	2013/03/10 13:16
L70	9	L56 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L71	8	L56 & (center)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L72	0	(pda mobile handheld smartphone) & ((Zoom$3 scal$3) same brows$3) & (preserc$3 same ((function$5 link$3 herperlink$3) same layout same design))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L73	10	(pda mobile handheld smartphone) & ((Zoom$3 scal$3) same brows$3) & (preserv$3 same ((function$5 link$3 herperlink$3) same layout same design))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L74	23	(US-20020018072-$ 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	2013/03/10 13:16
L75	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L76	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16

L77	19	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L78	16	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L79	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L80	0	L79 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L81	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	2013/03/10 13:16
L82	11	L81 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L83	8	L82 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L84	36898	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L85	44	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2013/03/10 13:16

			JPO; DERWENT; IBM_TDB			
L86	0	L85 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L87	1322	L84 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L88	36898	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L89	1322	L87 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L90	21	L87 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L91	57	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L92	0	L91 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L93	3849	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L94	65	L93 & @ad<"20000612"	US-PGPUB; USPAT;	OR	ON	2013/03/10 13:16

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
L95	19	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L96	19	L95 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L97	2	"20070198916".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L98	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	2013/03/10 13:16
L99	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L100	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L101	19	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L102	16	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/03/10 13:16

			IBM_TDB			
L103	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L104	0	L103 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L105	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	2013/03/10 13:16
L106	11	L105 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L107	8	L106 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L108	36898	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L109	44	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L110	0	L109 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L111	1322	L108 & @ad<"20000612"	US-PGPUB; USPAT; USOCR;	OR	ON	2013/03/10 13:16

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L112	36898	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L113	1322	L111 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L114	21	L111 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L115	57	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L116	0	L115 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L117	3849	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L118	65	L117 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L119	796	(zoom$3 with browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L120	13	L119 & @ad<"20010608" &	US-PGPUB;	OR	ON	2013/03/10

		@rlad<"20010608"	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			13:16
L121	0	L120 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L122	10337	(zoom$3 & browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L123	192	L122 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L124	4	L123 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L125	1	L123 & (cascad$3 same stylesheet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L126	189	L123 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L127	14	L126 & (zoom$3 same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L128	14	L127 & vector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/03/10 13:16

			IBM_TDB			
L129	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	2013/03/10 13:16
L130	7	L129 & vector & width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L131	4	L129 & CSS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L132	9	L129 & larger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L133	5	L129 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L134	10	L129 & (column raw vertical$2 x y horizontal$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L135	4	L129 & ((column raw vertical$2 x y horizontal$2) same offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L136	5	L129 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L137	15	L129 & (tap$4 touch$3 input$3 click$3)	US-PGPUB; USPAT; USOCR;	OR	ON	2013/03/10 13:16

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L138	12	L129 & (zoom$3 offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L139	15	L129 & (text paragraph)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L140	14	L129 & (zoom$3 resiz$3 enlarg$3 same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L141	14	L129 & (zoom$3 resiz$3 enlarg$3 with (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L142	9	L129 & ((zoom$3 resiz$3 enlarg$3) same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L143	9	L129 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L144	8	L129 & (center)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L145	8	12/326,092	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L146	8	12/326,092	US-PGPUB;	OR	ON	2013/03/10

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			13:16
L147	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-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L148	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L149	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L150	19	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L151	16	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L152	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L153	0	L152 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L154	23	(US-20020018072-$ 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	2013/03/10 13:16

		7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	DERWENT; IBM_TDB			
L155	11	L154 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L156	8	L155 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L157	36898	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L158	44	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L159	0	L158 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L160	1322	L157 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L161	36898	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L162	1322	L160 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L163	21	L160 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT;	OR	ON	2013/03/10 13:16

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
L164	57	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L165	0	L164 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L166	3849	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L167	65	L166 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L168	19	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L169	19	L168 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L170	2	"20070198916".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L171	23	(US-20020018072-$ 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-	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16

		6779042-$ or US-6674445-$).did.				
L172	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L173	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L174	19	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L175	16	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L176	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L177	0	L176 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L178	23	(US-20020018072-$ 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	2013/03/10 13:16
L179	11	L178 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L180	8	L179 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR;	OR	ON	2013/03/10 13:16

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L181	36898	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L182	44	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L183	0	L182 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L184	1322	L181 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L185	36898	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L186	1322	L184 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L187	21	L184 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L188	57	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L189	0	L188 & @ad<"20000612"	US-PGPUB;	OR	ON	2013/03/10

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			13:16
L190	3849	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L191	65	L190 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L192	796	(zoom$3 with browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L193	13	L192 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L194	0	L193 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L195	10337	(zoom$3 & browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L196	192	L195 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L197	4	L196 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/03/10 13:16

			IBM_TDB			
L198	1	L196 & (cascad$3 same stylesheet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L199	189	L196 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L200	14	L199 & (zoom$3 same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L201	14	L200 & vector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L202	23	(US-20020018072-$ 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	2013/03/10 13:16
L203	7	L202 & vector & width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L204	4	L202 & CSS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L205	9	L202 & larger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L206	5	L202 & offset	US-PGPUB; USPAT; USOCR;	OR	ON	2013/03/10 13:16

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L207	10	L202 & (column raw vertical$2 x y horizontal$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L208	4	L202 & ((column raw vertical$2 x y horizontal$2) same offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L209	5	L202 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L210	15	L202 & (tap$4 touch$3 input$3 click$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L211	12	L202 & (zoom$3 offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L212	15	L202 & (text paragraph)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L213	14	L202 & (zoom$3 resiz$3 enlarg$3 same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L214	14	L202 & (zoom$3 resiz$3 enlarg$3 with (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L215	9	L202 & ((zoom$3 resiz$3 enlarg$3)	US-PGPUB;	OR	ON	2013/03/10

		same (text paragraph))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			13:16
L216	9	L202 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L217	8	L202 & (center)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L218	0	(pda mobile handheld smartphone) & ((Zoom$3 scal$3) same brows$3) & (preserc$3 same ((function$5 link$3 herperlink$3) same layout same design))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L219	10	(pda mobile handheld smartphone) & ((Zoom$3 scal$3) same brows$3) & (preserv$3 same ((function$5 link$3 herperlink$3) same layout same design))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L220	23	(US-20020018072-$ 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	2013/03/10 13:16
L221	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L222	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L223	19	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2013/03/10 13:16

			DERWENT; IBM_TDB			
L224	16	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L225	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L226	0	L225 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L227	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	2013/03/10 13:16
L228	11	L227 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L229	8	L228 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L230	36898	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L231	44	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L232	0	L231 & @ad<"20000612"	US-PGPUB; USPAT;	OR	ON	2013/03/10 13:16

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
L233	1322	L230 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L234	36898	(zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L235	1322	L233 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L236	21	L233 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L237	57	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L238	0	L237 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L239	3849	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L240	65	L239 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16

L241	19	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L242	19	L241 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L243	2	"20070198916".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L244	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	2013/03/10 13:16
L245	0	09/062,364.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L246	2	"6211856" .pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L247	19	09/427,821	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L248	16	09/062,364	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L249	2	"6211856".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2013/03/10 13:16

			JPO; DERWENT; IBM_TDB			
L250	0	L249 & (html web markup xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L251	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	2013/03/10 13:16
L252	11	L251 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L253	8	L252 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L254	36898	zoom$3 & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L255	44	(zoom$3 near browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L256	0	L255 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L257	1322	L254 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L258	36898	(zoom$3) & (pda mobile handheld	US-PGPUB;	OR	ON	2013/03/10

		smartphone)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			13:16
L259	1322	L257 & (zoom$3) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L260	21	L257 & (zoom$3 same browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L261	57	zoom$3 with ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L262	0	L261 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L263	3849	zoom$3 & ((pda mobile handheld smartphone) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L264	65	L263 & @ad<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L265	796	(zoom$3 with browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L266	13	L265 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/03/10 13:16

			IBM_TDB			
L267	0	L266 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L268	10337	(zoom$3 & browser) & (pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L269	192	L268 & @ad<"20010608" & @rlad<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L270	4	L269 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L271	1	L269 & (cascad$3 same stylesheet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L272	189	L269 & (web html internet markup) & zoom$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L273	14	L272 & (zoom$3 same width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L274	14	L273 & vector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L275	23	(US-20020018072-$ or US-20070288841-$ or US-20020194302-$ or US-20040080531-$ or US-20020030699-$ or US-20040210833-	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2013/03/10 13:16

		$).did. or (US-7210099-$ or US-7054952-$ or US-6876867-$ or US-6041143-$ or US-7461353-$ or US-6779042-$ or US-6674445-$).did.	JPO; DERWENT; IBM_TDB			
L276	7	L275 & vector & width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L277	4	L275 & CSS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L278	9	L275 & larger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L279	5	L275 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L280	10	L275 & (column raw vertical$2 x y horizontal$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L281	4	L275 & ((column raw vertical$2 x y horizontal$2) same offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L282	5	L275 & offset	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L283	15	L275 & (tap$4 touch$3 input$3 click$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L284	12	L275 & (zoom$3 offset)	US-PGPUB;	OR	ON	2013/03/10

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			13:16
L285	15	L275 & (text paragraph)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L286	14	L275 & (zoom$3 resiz$3 enlarg$3 same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L287	14	L275 & (zoom$3 resiz$3 enlarg$3 with (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L288	9	L275 & ((zoom$3 resiz$3 enlarg$3) same (text paragraph))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L289	9	L275 & ((parameter bouding croft$3 area portion) same zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L290	8	L275 & (center)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L291	8	12/326,092	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L292	19	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2013/03/10 13:16

			IBM_TDB			
L293	19	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L294	2	"6674445".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L295	2	"20020030699".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16
L296	354784	"2" & ((column raw vertical$2 x y horizontal$2) same offset)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:16

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/941,106	11/08/2010	Gary B. Rohrabaugh	161539-P001XC3C	9016

29000 7590 03/13/2013

IRELL & MANELLA LLP
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EXAMINER	
TRAN, QUOC A	
ART UNIT	**PAPER NUMBER**
2177	
MAIL DATE	**DELIVERY MODE**
03/13/2013	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)	
	12/941,106	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 *08 November 2010*.

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) *1-14* 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) *1-14* is/are rejected.

8)☐ Claim(s) _____ is/are objected to.

9)☐ Claim(s) _____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, 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.

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☒ The drawing(s) filed on *14 January 2013* 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).

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) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date *10/11/12; 10/09/12 & 10/09/12*.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

4) ☐ Other: _____.

DETAILED ACTION

This is a ***Non-Final Office Action*** in responses to patent application filed 11/08/2010; It is noted the current application is a continuation of 11/738,486, filed 04/21/2007, now U.S. Patent #7831926, 11/738,486 is a continuation of 09/878,097, filed 06/08/2001, now U.S. Patent #7210099 and having 1 RCE-type filing therein 09/878,097 is a continuation in part of 09/828,511, filed 04/07/2001,now abandoned; 09/878,097 Claims Priority from Provisional Application 60/217,345, filed 07/11/2000; 09/87,8097 Claims Priority from Provisional Application 60/211,019, filed ***06/12/2000*** is a division of 09/878,097, filed 06/08/2001,now U.S. Patent #7210099 and having 1 RCE-type filing therein is a division of 11/045,649, filed 01/28/2005 ,now U.S. Patent #7584423 and having 1 RCE-type filing therein is a division of 11/045,757, filed 01/28/2005,now U.S. Patent #7461353. Claims ***1-14*** are pending. Claim ***1*** is independent claim.

In addition, Examiner is hereby withdrawn the nonstatutory double patenting rejection in light of the "Terminal Disclaimer" filed 10/09/202 and approved.

Information Disclosure Statement

The signed and dated copies of applicant's IDS, which were filed on 1/11/2012; 10/09/2012 and 10/09/2012, are attached to this Office Action.

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.***

Claim 13 is 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 reason:

Claim 13 recites the limitation " ***preservation of functionality includes preservation of input form functionality***", render the claims indefinite, because the limitation said "***preservation of functionality includes preservation of input form functionality"*** which is not clearly define the claim terms. Thus one of ordinary skill in the art would not be reasonably apprised the scope of the Claims term.

In the interest of compact prosecution, the application is further examined against the prior art WITH THE ASSUMTION THAT preservation of functionality includes preservation of input form functionality is user input a bounding box area or user selected area where the zooming and out happening.

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 1-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Bederson et al.** ("A Zooming Web Browser" dated 11/05/1996 stamped by OSTI) [hereinafter "Bederson"], further in view of **Canelones et al.** (US006700589B1 filed 02/17/2000) [hereinafter "Canelones"],

Regarding ***independent Claim 1,***

Bederson discloses:

A method, comprising: enabling a user of a mobile device having a touch-sensitive display to request access to a Web page comprising HTML-based Web content defining an original page layout, …, and design of content on the Web page; retrieving and processing the HTML-based Web content to produce scalable content;

(Bederson provides Padd++ "Zooming Web Browser", where a dynamic object can be placed at any position and at any scale. Padd++ allows the user to Zoom in and out and control how much context is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser [see Pg. 1-9 and particular Pg. 3 bottom half right column through Pg. 4 whole].

Examiner notes Padd++ "Zooming Web Browser", where the user interact with Padd++ in much the same manner as traditional browser, is conceptually similar to defining an original page layout, functionality, and design of content on the Web page; retrieving and processing the HTML-based Web content to produce scalable content as claims.

Bederson further discloses:

employing the scalable content and/or data derived therefrom to, render a view of the Web page on the touch-sensitive display; and re-render the Web page in response to associated user inputs to enable the user to iteratively zoom in and out views of the Web page while preserving an original page layout, .., and design defined by the HTML-based Web content as interpreted by a rendering engine;

(Bederson provides Padd++ "Zooming Web Browser", where a dynamic object can be placed at any position and at any scale. Padd++ allows the user to Zoom in and out and control how much context is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser [see Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole].

Examiner notes Padd++ "Zooming Web Browser", where the user interact [zoom in and out] with Padd++ in much the same manner as traditional browser, is conceptually similar to iteratively zoom in and out views of the Web page while preserving an original page layout as claims.

In addition, Bederson provides Padd++ "Zooming Web Browser", where a dynamic object can be placed at any position and at any scale. Padd++ allows the user to *Zoom in and out and control how much context is viewed at any time*; moreover the user interact with Padd++ in *much the same manner as traditional browser* [see Pg. 1-9

and particular, Pg. 3 bottom half right column through Pg. 4 whole]. However, Bederson does not expressly, but *Canelones teaches:*

> ***employ the scalable content…preservation of the functionality defined by the HTML-based Web content includes preservation of hyperlink functionality,***

(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*. As used herein "*magnification" refers to either enlargement or reduction of the content in a display regio*n. 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***].***

Accordingly, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine Bederson's Padd++ "Zooming Web Browser", WITH Canelones' enlargement or reduction of the content in a display region user interface and preservation of the functionality includes preservation of hyperlink functionality. 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].

Claims 2-4,

Bederson and Canelones further discloses:

the mobile device comprises a mobile phone; enabling the user to zoom in on a user- selectable portion of a display of the Web page in response to a user interface input made via the touch-sensitive display; wherein the display of the Web page is re-rendered in real-time to effect zooming operations.

(Bederson provides Padd++ "Zooming Web Browser", where a dynamic object can be placed at any position and at any scale. Padd++ allows the user to Zoom in and out and

control how much context is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser. It is noted the Web page is re-rendered in real-time to effect zooming operation [see Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole].)

Claim 5,

Bederson and Canelones further disclose:

the Web page includes at least one hyperlink, the method further comprising enabling the user to select a hyperlink via the touch-sensitive display; and, in response thereto, retrieving and processing HMTL-based Web content associated with the hyperlink to produce additional scalable content; and employing the additional scalable content and/or data derived therefrom to render the Web content associated with the hyperlink on the touch-sensitive display.

(Bederson provides Padd++ “Zooming Web Browser”, where click on a link focus in that page [Pg. 4 right col. lines 7-10]; also a dynamic object can be placed at any position and at any scale. Padd++ allows the user to Zoom in and out and control how much context is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser. It is noted the Web page is re-rendered in real-time to effect zooming operation [see Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole].

Claim 6,

*Bederson and Canelones further disclose**:***

at least a portion of the scalable content comprises scalable vector-based content;

(Bederson provides Padd++ "Zooming Web Browser", where the user can Zoom in and out and control how much context is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser. It is noted the Web page is re-rendered in real-time to effect zooming operation [see Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole].

Claim 7,

*Bederson and Canelones further disclose**:***

enabling a user to pan views of the Web page in real-time in response to corresponding user inputs made via the touch- sensitive display.

(Bederson provides Padd++ "Zooming Web Browser", where the user can Zoom in and out and control how much context is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser. It is noted the Web page is re-rendered in real-time to effect zooming operation. It is noted Padd++ Zooming web

page content in real-time [see Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole].

Claim 8,

Bederson and Canelones further disclose:

enabling a user to zoom on a column of the Web content by tapping on the column via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that content corresponding to the selected column is displayed across the touch-sensitive display.

(Bederson provides Padd++ "Zooming Web Browser", where click on a link focus in that page [Pg. 4 right col. lines 7-10]; also a dynamic object [i.e. interprets as ***the column]*** can be placed at any position and at any scale. Padd++ allows the user to Zoom in and out and control how much context is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser. It is noted the Web page is re-rendered in real-time to effect zooming operation [see Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole].

Claim 9,

Bederson and Canelones further disclose:

the Web content includes at least one image, the method further comprising enabling a user to zoom on an image by tapping on the image

via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that the image is displayed to fit a width of a display area of the touch-sensitive display used for displaying Web page content.

(Bederson provides Padd++ "Zooming Web Browser", where Padd++ allows the user to Zoom in and out and control how much context [image, text which is web page contents] is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser. It is noted the Web page is re-rendered in real-time to effect zooming operation [see Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole].

Claim 10,

*Bederson and Canelones further disclose**:***

the scalable content includes scalable text content and wherein execution of the instructions performs further operations comprising scaling a scalable font to render the scalable text content.

(Bederson provides Padd++ "Zooming Web Browser", where Padd++ allows the user to Zoom in and out and control how much context [image, text which is web page contents] is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser. It is noted the Web page is re-rendered in real-time to effect zooming operation [see Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole].

Claim 11,

Bederson and Canelones further disclose:

wherein the original format of the Web page defines a width for the Web page, the method further comprising: employing the rendering engine to interpret a width of the Web page; and rendering a view of the Web page wherein the width of the Web page is rendered to fit across a width of a display area on the touchscreen display used for displaying Web page content.

(Bederson provides Padd++ "Zooming Web Browser", where Padd++ allows the user to Zoom in and out and control how much context [image, text which is web page contents] is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser. It is noted Web browser combines a basic focus-driven layout with automatic zooming and panning to support navigation [Zoom in and out or rendering a view of the Web page wherein the width of the Web page is rendered to fit across a width of a display area]. [see Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole].

Claim 12,

Bederson and Canelones further disclose:

wherein the method enables the user to access user- selected Web pages from among billions of Web pages available via the World Wide Web while preserving an original page layout, hyperlink functionality, and design defined by the HTML-based Web content as interpreted by a rendering engine for each of the user-selected Web pages.

(Bederson provides Padd++ "Zooming Web Browser", where a dynamic object can be placed at any position and at any scale. Padd++ allows the user to Zoom in and out and control how much context is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser [see Pg. 1-9 and particular Pg. 3 bottom half right column through Pg. 4 whole].

Examiner notes Padd++ "Zooming Web Browser", where the user interact with Padd++ in much the same manner as traditional browser, is conceptually similar to enables the user to access user- selected Web pages from among billions of Web pages available via the World Wide Web while preserving an original page layout, hyperlink functionality, and design defined by the HTML-based Web content as interpreted by a rendering engine for each of the user-selected Web pages as claims.

Claim 13,

Bederson and Canelones further teach:

wherein preservation of functionality includes preservation of input form functionality.

(Bederson provides Padd++ "Zooming Web Browser", where a dynamic object can be placed at any position and at any scale [Examiner interprets preservation of input form functionality as equivalent to a dynamic object can be placed at any position and at any scale to zoom in and out] the Padd++ allows the user to Zoom in and out and control how much context is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser [see Pg. 1-9 and particular Pg. 3 bottom half right column through Pg. 4 whole].

Claim 14,

Bederson and Canelones further disclose:

wherein the rendering engine comprises a desktop rendering engine.

(Bederson provides traditional browser –i.e. desktop rendering engine [see Pg. 1-9 and particular Pg. 3 bottom half right column through Pg. 4 whole].

It is noted that any citations to specific, pages, columns, lines, or figures in the prior art references and any interpretation of the 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 not persuasive (See the Non-final office action above for details):

In addition, Examiner retains the *Canelones* reference, because *Canelones* provides a method for enlargement or reduction of the content in a display region user interface and preservation of the functionality includes preservation of hyperlink functionality [In Canelones Col. 4 line 17-->Col.5 line 6 and Col. 6 lines 13-16]

Accordingly, for at least all the above evidence, therefore the Examiner respectfully maintains the rejection of claims 1-14 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).

/Quoc A. Tran/
Examiner, Art Unit 2177

PTO/SB/08a (01-10)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT
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Attorney Docket Number	161539-P001XC3C

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /Q.T./

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	1	Provisional U.S. Application No. 60/159,069 to Chithambaram et al. (1999-10-12), p. 1-30.	☐
	2	Screenshot of Web pages using Opera 3.60: Altavista.com - May 1, 1999, p. 1-13.	☐
	3	Screenshot of Web pages using Opera 3.60: Cnet.com - May 8, 1999, p. 1-23.	☐
	4	Screenshot of Web pages using Opera 3.60: Excite.com - May 8, 1999, p. 1-14.	☐
	5	Screenshot of Web pages using Opera 3.60: NYTimes.com - Apr. 22, 1999, p. 1-15.	☐
	6	Screenshot of Web pages using Opera 3.60: Opera.com - Oct. 10, 1999, p. 1-14.	☐
	7	Screenshot of Web pages using Opera 3.60: Softsource.com - Apr. 17, 1999, p. 1-16.	☐
	8	Screenshot of Web pages using Opera 3.60: uTexas.edu - Apr. 27, 1999, p. 1-12.	☐
	9	Screenshot of Web pages using Opera 3.60: USPTO.gov - May 5, 1999, p. 1-13.	☐
	10	Screenshot of Web pages using Opera 3.60: Yahoo.com - May 8, 1999, p. 1-10.	☐
	11	Provisional U.S. Application No. 60/193,862 to Chithambaram et al. (2000-03-30), p. 1-32.	☐

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	12	KEVIN MCCLUSKEY, Mozilla, Widget Library, July 10, 2005, p. 1-5.	☐
	13	RICK POTTS, Mozilla, NGLayout Embedding APIs, Last modified Mar. 9, 1999, p. 1-12.	☐
	14	MICHAEL PLITKINS, Mozilla, View System, Last modified Jan. 14, 1999, p. 1-4.	☐
	15	(Author Unknown), Mozilla, Threading Model, Last modified Oct. 29, 1998, p. 1-3.	☐
	16	RICK GESSNER, Mozilla, HTML Tag Handling Chart, Last modified Oct. 23, 1998, p. 1-9.	☐
	17	CHRIS WATERSON, Gecko Overview, June 10, 2002, p. 1-36.	☐
	18	MIKE SHAVER, MICHAEL ANG, Inside the Lizard: A Look at the Mozilla Technology and Architecture, May 29, 2000, p. 1-6.	☐
	19	KIPP HICKMAN, Mozilla, Base Library Roadmap, Last modified July 15, 1998, p. 1-2.	☐
	20	KIPP HICKMAN, Mozilla, The Content Model, Last modified July 15, 1998, p. 1-3.	☐
	21	VIDUR APPARAO, TOM PIXLEY, Mozilla, The NGLayout Document Object Model (DOM) Roadmap, Last modified May 26, 2001, p. 1-12.	☐
	22	CHRIS KARNAZE, Mozilla, Forms, Last modified Jan. 14, 1999, p. 1-4.	☐

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /Q.T./

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	23	TROY CHEVALIER et al., Mozilla, New Layout: HTML Layout, Last modified July 20, 1998, p. 1-7.	☐
	24	(Author Unknown), Mozilla, Layout Engine Technical Documentation, Last modified Apr. 4, 2008, p. 1-3.	☐
	25	JAMES EVERINGHAM, Mozilla, BAM Roadmap, Last modified July 15, 1998, p. 1-6.	☐
	26	RICK GESSNER, Mozilla, Parsing Engine, Last modified July 15, 1998, p. 1-5.	☐
	27	MICHAEL PLITKINS, Mozilla, Java and Plugins, Last modified Jan. 14, 1999, p. 1-3.	☐
	28	MICHAEL PLITKINS, Mozilla, Printing, Last modified Jan. 14, 1999, p. 1-2.	☐
	29	MICHAEL PLITKINS, Mozilla, Redering, Last modified Jan. 14, 1999, p. 1-6.	☐
	30	PETER LINSS, Mozilla, Style System, Last modified July 15, 1998, p. 1-5.	☐
	31	SoftView Brief In Support Of Motion For Leave To Amend Complaint, SoftView LLC v. Apple Inc., Case No. 10-389-LPS, 11/10/2010, at p. 1-9	☐
	32	SoftView's First Amended Complaint, SoftView LLC v. Apple Inc., Case No. 10-389-LPS, 12/3/2010, at p. 1-7.	☐
	33	Apple's Answer, Defenses, and Counterclaims to First Amended Complaint, SoftView LLC v. Apple, Case No. 10-389-LPS, 1/3/2011, at p. 1-22.	☐

EFS Web 2.1.17 ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /Q.T./

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	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC3C

	34	AT&T's Answer, Defenses, and Counterclaims to First Amended Complaint, SoftView LLC v. Apple, Case No. 10-389-LPS, 1/3/2011, p. 1-22.	☐
	35	SoftView's Reply to Defendants' Defenses and Counterclaims, SoftView LLC v. Apple, Case No. 10-389-LPS, 1/24/2011, p. 1-8.	☐

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	2	6947995		2005-09-20	Chang	
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	1	H10-21224	JP		1998-01-23	Toshiba Corp.		☐

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	1	Softview LLC's Responses To Kyocera Corp. And Kyocera Wireless Corp.'S First Set Of Interrogatories (NO. 1) with Exhibits, filed July 23, 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 1027_1 - 1027_89	☐
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S2	23	(pda mobile handheld smartphone Portable) & ((Zoom$3 scal$3 pan$4)) & (preserv$3 same ((function$5 link$3 herperlink$3) same layout same design))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:28
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S23	6	S21 & (pda mobile handheld smartphone Portable small)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 14:04
S24	5	S21 & (pda mobile handheld smartphone Portable) & ((Zoom$3 scal$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 14:05
S25	3	S24 & (@ad<"20000631")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 14:06

3/10/2013 3:11:55 PM
C:\Users\qtran3\Documents\EAST\Workspaces\12941106B.wsp

Selective sending of portions of electronic content
L Kaghazian - US Patent App. 10/393,573, 2003 - Google Patents
... 19, 2000 for Jan van Ee for HAND-HELD WITH **AUTO-ZOOM** FOR GRAPHICAL DISPLAY OF WEB PAGE. This document relates to a mobile phone that has a display with a touch screen. The device has a **browser** and is capable of retrieving a Web page from the Internet. ...
All 2 versions Cite

Dialing Up the Magnification: A Review of Mobile Magnifier
D Burton, L Hoffman - 2005 - afb.org
... We also looked at how well it provides access to features of the cell phone, such as the phone book, camera, and web **browser**. After a discussion of the various features of Mobile Magnifier, we report our testing results and recommendations. ... **Auto Zoom**. ...
Cite

Image sensing apparatus with variable rate **zoom** (**auto zoom**) and fastest rate **zoom** (**quick zoom**)
S Aoyama - US Patent 7,864,227, 2011 - Google Patents
... 4, 2011 (54) IMAGE SENSING APPARATUS WITH VARIABLE RATE **ZOOM** (**AUTO ZOOM**) AND FASTEST RATE **ZOOM** (QUICK **ZOOM**) (75) Inventor: Satoshi Aoyama, Tokyo (JP) (73) Assignee: Canon Kabushiki Kaisha, Tokyo (JP) (*) Notice: Subject to any disclaimer, the ...
Related articles All 4 versions Cite

Selective sending of portions of electronic content
L Kaghazian - US Patent App. 11/778,824, 2007 - Google Patents
... 19, 2000 for Jan van Ee for HAND-HELD WITH **AUTO-ZOOM** FOR GRAPHICAL DISPLAY OF WEB PAGE. This document relates to a mobile phone that has a display with a touch screen. The device has a **browser** and is capable of retrieving a Web page from the Internet. ...
All 4 versions Cite

[HTML] CSS Device Adaptation [HTML] from w3.org
R Lilleaven, Ø Stenhaug, F Rivoal, R Betts - 2012 - dev.w3.org
... **auto** ', let the actual **zoom** factor be: **zoom** = MAX(initial-width / rendered-width, initial-height / rendered-height). The actual **zoom** factor should also be further limited by the [min-**zoom**, max-**zoom**] range. 13. UA stylesheets. This section is informative. With the term desktop **browser** ...
Cite More

Around the world in seconds with speed-dependent automatic zooming [PDF] from canterbury.ac.nz
A Cockburn, J Looser, J Savage - 2003 - ir.canterbury.ac.nz
... this technique was first demonstrated in 1997 in the computer game "Grand Theft **Auto**" (rockstargames.com) in ... 3] described five "Speed-dependent automatic zooming" (SDAZ) systems that automatically changed the **zoom**-level with scrolling speed: a web **browser**, a map ...
Cited by 10 Related articles All 8 versions Cite

An evaluation of techniques for browsing photograph collections on small displays [HTML] from uct.ac.za

D Patel, G Marsden, S Jones, M Jones - Mobile Human-Computer ..., 2004 - Springer

... 3. Subjective task load levels will be lower for both **AutoZoom** and GestureZoom than ... that subjects perceived the new systems to be significantly less onerous than the DiscreteZoom **browser**. ... task completion, the average amount of time spent operating the **zoom**/scroll control ...

Cited by 26 Related articles BL Direct All 15 versions Cite

Zoom editor

JC Brook, JR Kowalski, PWG Reeve, CCE Ma... - US Patent ..., 2009 - Google Patents

... 20, 2009 Sheet 20 of 20 1758 Template = default template 1760 [Template = selected template D 1762 Automatically reset/ **auto**-edit timeline using Template 1764 C 1768 D' 1700" Fig. 17C Page 22. US 7,480,864 B2 1 2 **ZOOM** EDITOR of representations of said wholly ...

Cited by 9 Related articles All 4 versions Cite

Pressure-Controlled Navigating in a Touch Screen

REF Van De Ven, GJ Destura... - US Patent App. 11/ ..., 2005 - Google Patents

... PHA 23,387) "GAPHICAL USER INTER- FACE TOUCH SCREEN WITH **AUTO-ZOOM** FEA- TURE", both incorporated herein by reference. [0003] US Pat. No. 6,466,203 relates to a mobile phone that has a display monitor with a touch screen. The device has a **browser** and is ...

All 2 versions Cite

User interface for medical imaging including improved pan-**zoom** control

T Wu - US Patent 8,016,758, 2011 - Google Patents

... may be an Internet or intranet or other type of server, and the user may interact remotely with the controller from a **browser** or other ... The **auto zoom** function has options and can be applied to the rectangular and trapezoid image for flat linear array probe, or sector image for the ...

Related articles All 4 versions Cite

Create alert

Google auto zoom browser

Scholar About 12,500 results (**0.02** sec)

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Legal documents

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Since 2012
Since 2009
Custom range...

Sort by relevance
Sort by date

☑ Include patents
☑ Include citations

☑ Create alert

Hand-held with **auto-zoom** for graphical display of Web page
J Van Ee - US Patent 6,466,203, 2002 - Google Patents
... The ubiquitous informa- tion access via a **browser** is a great asset for Internet-enabled **...** 5 The invention of the **auto-zoom** extended to cover the rendering of arbitrary graphical **...** specified above, the invention relates to, among other things, extending the **autozoom** keyboard idea in **...**
Cited by 62 Related articles All 4 versions Cite

Speed-dependent automatic zooming for browsing large documents **[PDF]** from ubc.ca
T Igarashi, K Hinckley - Proceedings of the 13th annual ACM symposium ..., 2000 - dl.acm.org
... In contrast, users were forced to gradually approach to the target in the automatic zooming interface. 0 100 200 300 400 1 2 3 4 5 6 7 Avg **auto zoom** scroll bar Subjects Time (s) Figure 11: Task completion time (Web **Browser**). The performance was approximately equal. **...**
Cited by 259 Related articles All 46 versions Cite

Selective sending of portions of electronic content
L Kaghazian - US Patent 6,563,913, 2003 - Google Patents
... 19, 2000 for Jan van Ee for HAND-HELD WITH **AUTO- ZOOM** FOR GRAPHICAL DISPLAY OF WEB PAGE. This document relates to a mobile phone that has a display with a touch screen. The device has a **browser** and is capable of retrieving a Web page from the Internet. **...**
Cited by 38 Related articles All 2 versions Cite

Comparing speed-dependent automatic zooming with traditional scroll, pan and **zoom** methods **[PDF]** from canterbury.ac.nz
A Cockburn, J Savage - 2003 - ir.canterbury.ac.nz
... applet is available at www-ui.is.su- tokyo.ac.jp/~takeo/java/**autozoom**/**autozoom**.htm **...** map **browser**, shown in Figure 1(d,e,f), behaves similarly to the document **browser**, except scrolling **...** The **zoom** level is determined through Equation 1, with the scroll speed determined as follows **...**
Cited by 73 Related articles BL Direct All 17 versions Cite

Remote control device having a display for displaying a television channel guide
TJ Dubil, S McKechnie - US Patent App. 09/932,072, 2001 - Google Patents
... control device 100 includes an Internet connection capability, ie, the remote control device 100 includes at least a web **browser** and a **...** 19, 2000 and titled, "Hand-held with **Auto-zoom** For Graphical Display of Web Page." This document describes a feature called "**auto- zoom**". **...**
Cited by 22 Related articles All 2 versions Cite

Image-**browser** taxonomy and guidelines for designers **[PDF]** from umd.edu
C Plaisant, D Carr, B Shneiderman - Software, IEEE, 1995 - ieeexplore.ieee.org
... This means that images enclosed by a field of view do not **auto**- matically becoiiie coarser as they **...** users must **zoom** out and zooni in to adjust the de- OUR **BROWSER** tailed view. Some **zoom**-and-replace browsers do feedback about the size TAXONOMY not update the hidden **...**
Cited by 200 Related articles BL Direct All 24 versions Cite

Method and system for displaying information related to a television program on a remote control

device
TJ Dubil, SP Mckechnie - US Patent App. 09/932,104, 2001 - Google Patents
... control device 100 includes an Internet connection capability, ie, the remote control device 100 includes at least a web **browser** and a ... 19, 2000 and titled, "Hand-held with **Auto-zoom** For Graphical Display of Web Page." This document describes a feature called "**auto- zoom**". ...
Cited by 13 Related articles All 2 versions Cite

Generating mobile device user interfaces for diagram-based modelling tools **[PDF]** from crpit.com
D Zhao, J Grundy, J Hosking - Proceedings of the 7th Australasian User ..., 2006 - dl.acm.org
... and allowing other users to simultaneously access desktop and web **browser** versions of ... functions, especially browsing, and user configurable layout in addition to **zoom** shape specification ... The element-by- element zooming and **auto-zoom** capabilities of Pounamu/Mobile were ...
Cited by 8 Related articles All 13 versions Cite

[PDF] Flowchart and Reference Guides **[PDF]** from utexas.edu
BC User, EX **ZoomBrowser** - 2006 - wikis-02.its.utexas.edu
... **ZoomBrowser** EX/ ImageBrowser Software User Guide • PDF manuals available on the Canon website. ... **AUTO Auto** The camera automatically selects settings. ... larger than in standard macro mode because the camera trims the image edges and zooms in with the digital **zoom**. ...
All 267 versions Cite

Hand-held with **auto-zoom** for graphical display of web page
J Van Ee - US Patent RE43,564, 2012 - Google Patents
... The invention of the **auto-zoom** extended to cover the rendering of arbitrary graphical information ... specified above, the invention relates to, among other things, extending the **autozoom** keyboard idea ... can be individually be selected, possibly after a next, similar **zoom**-in process. ...
Related articles All 2 versions Cite

Create alert

Notice of References Cited	Application/Control No. 12/941,106	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-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
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	H	US-			
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	J	US-			
	K	US-			
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*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
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	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Benjamin B Bederson et al. "A Zooming Web Browser" Received 11/05/1996 by OSTI [9 pages]
	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
	12941106	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	04/07/2012	03/10/2013							
	1	✓	✓							
	2	✓	✓							
	3	✓	✓							
	4	✓	✓							
	5	✓	✓							
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	7	✓	✓							
	8	✓	✓							
	9	✓	✓							
	10	✓	✓							
	11	✓	✓							
	12	✓	✓							
	13		✓							
	14		✓							

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12941106	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	4/7/2012	QT
715	234, 705, 800-825	4/7/2012	QT
Updated	Updated	3/10/2013	QT

SEARCH NOTES		
Search Notes	Date	Examiner
EAST (USPAT, USPGPUB, JPO, USOCR, FPRS, EPO, DERWENT & IBM_TDB)	4/7/2012	QT
Inventors Searched Conducted- Considered Double Patent Rejection	4/7/2012	QT
NPL Search (Google Scholar Digital Library)	4/7/2012	QT
Text Search 715/249, 234, 708 and 800-825	4/7/2012	QT
Updated	3/10/2013	QT

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

/QUOC A TRAN/ Examiner.Art Unit 2177	

Electronic Acknowledgement Receipt	
EFS ID:	16565508
Application Number:	12941106
International Application Number:	
Confirmation Number:	9016
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	29000
Filer:	Babak Redjaian
Filer Authorized By:	
Attorney Docket Number:	161539-P001XC3C
Receipt Date:	16-AUG-2013
Filing Date:	08-NOV-2010
Time Stamp:	18:12:06
Application Type:	Utility under 35 USC 111(a)

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1	Information Disclosure Statement (IDS) Form (SB08)	106_updated_IDS_3.pdf	192638 2f72e248c8da1c64c03a4dc756b6e4c810079a11	no	8
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28	Non Patent Literature	3-27-Exhibit_115.pdf	1859332 798d25baddcc79601b225f1f24fffdfd5c23a d2e	no	32

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37	Non Patent Literature	3-36-Exhibit_121.pdf	606229 3e5e9c4390da14e74590ae4c39c7a7672fb2a677	no	42
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38	Non Patent Literature	3-37-Exhibit_122.pdf	1769849 f0c3784e717c154a01c1e51c9f8f18f5f05d85cb	no	526
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39	Non Patent Literature	3-38-Exhibit_123.pdf	1323121 f5f8da474f0f52a07690d07baf5c360a276e15fd	no	342
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40	Non Patent Literature	3-39-Exhibit_124.pdf	419794 e36e82b20e878aeeb3acb5453293e060e0b19732	no	118
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49	Non Patent Literature	3-48-Krakatoa-3.pdf	1437517 ff36f6a94132f1ebb6b086e56c002110b9b4d518	no	12
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(Not for submission under 37 CFR 1.99)

Application Number	12941106
Filing Date	2010-11-08
First Named Inventor	Gary B. Rohrabaugh
Art Unit	2177
Examiner Name	Quoc A. Tran
Attorney Docket Number	161539-0002(P001XC3C)

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	4	6456305		2002-09-24	Chin et al.	
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	Examiner Name	Quoc A. Tran
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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)	☐

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	Attorney Docket Number	161539-0002(P001XC3C)

	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)	☐
	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	☐
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	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)	☐
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	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)	☐

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	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

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	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

	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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	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)	☐
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	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)	☐

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	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

	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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	Application Number	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

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	Application Number	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

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Signature	/Babak Redjaian/	Date (YYYY-MM-DD)	2013-08-12
Name/Print	Babak Redjaian	Registration Number	42096

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Application Number:	12941106
International Application Number:	
Confirmation Number:	9016
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	29000
Filer:	Babak Redjaian/Susan Langworthy
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Attorney Docket Number:	161539-P001XC3C
Receipt Date:	16-AUG-2013
Filing Date:	08-NOV-2010
Time Stamp:	18:08:33
Application Type:	Utility under 35 USC 111(a)

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11	Non Patent Literature	1-5-Second_Amended_Complaint.pdf	5610360 acb7923aaa3bf9e99d140dff0f18e9eaa7c6f48b	no	110
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12	Non Patent Literature	1-6-Softview_Responses.pdf	2074587 c0e63076061790222043ee39903d09cc2db52ed2	no	90
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13	Non Patent Literature	1-7a-Takahashi_Dec-pp_1-232.pdf	20423491 11a2920c6f65f20e38345b97d4135b2e1762bf00	no	232
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14	Non Patent Literature	1-7b-Takahashi_Dec-pp_233-464.pdf	12241792 bdd681a207d42227a7d85947c0588bedb195666a	no	232
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17	Non Patent Literature	1-9-Huawei_Fourth_Supp_Response.pdf	200371 9b6561acc92eda3ece2a60cfffc43a6994170330	no	10
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18	Non Patent Literature	1-10-Apple_Obj_and_Responses.pdf	160360 e87deda4dee2a2c01dd6d1c1397a237701963a4e	no	22
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19	Non Patent Literature	1-11-Sixth_Supp_Resp_to_First_Set_Common_Rogs2.pdf	825689 d97f2918c9b74f3e445d4d7810bf8ce6f9010c01	no	119
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20	Non Patent Literature	1-12-Exhibit_1.pdf	1257520 72ca5e4e8b694961633f61b9040df0e371b303c9	no	228
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21	Non Patent Literature	1-13-Exhibit_2.pdf	3112534 7f75c030aae671364b1341edc52a6b3b7e35858d	no	231
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22	Non Patent Literature	1-14-Exhibit_3.pdf	958296 09aa49dc67c9a24602fb75f2960db667ffc292c8	no	112
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23	Non Patent Literature	1-15-Exhibit_4.pdf	2823299 7af8c8c4c8213fb4ed3cd7e4351c5f94f32530d7	no	205
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24	Non Patent Literature	1-16-Exhibit_5.pdf	1264809 56711ed8473576e6b952a704cc7a3bba285c5da4	no	179
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25	Non Patent Literature	1-17-Exhibit_6.pdf	2901943 97e184050a30711ee181561906367 68a0a12f978	no	259
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26	Non Patent Literature	1-18-Exhibit_7.pdf	1148435 6aaf0cbe8c27b96fa78dfdf816b22002e5f94250	no	182
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27	Non Patent Literature	1-19-Exhibit_8.pdf	2937968 71d043a70262eaa918fa3636ab825fa87da75a8f	no	261
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28	Non Patent Literature	1-20-Exhibit_9.pdf	1123537 936215ca81d159288a65c494bcf7d923274985d7	no	168
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29	Non Patent Literature	1-21-Exhibit_10.pdf	1281626 dfcfb15db87df90f97447cffd5fdb3f26c90b4b5	no	237
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31	Non Patent Literature	1-23-Exhibit_12.pdf	3065896 f281422dc053c0817f03c6c71f529e5ec6ab0acb	no	103
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47	Non Patent Literature	1-39-Exhibit_28.pdf	1376971 f7a6292973f1fbf19cbc4f04abe798279042e0ec	no	275
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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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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	Fee Worksheet (SB06)	fee-info.pdf	30739 acb3627f16bdd61b7b6038f73f5a3ddc0602d731	no	2
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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	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

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	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

	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(P001XC3C)

	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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	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 (supplemental): 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 (supplemental): 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(P001XC3C)

	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(P001XC3C)

	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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	Attorney Docket Number	161539-0002(P001XC3C)

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)	2013-08-12
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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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99)**		
	Application Number	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

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	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

	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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	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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	Examiner Name	Quoc A. Tran
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	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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	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

	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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	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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Examiner Signature		Date Considered	

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Electronic Acknowledgement Receipt	
EFS ID:	16563526
Application Number:	12941106
International Application Number:	
Confirmation Number:	9016
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Customer Number:	29000
Filer:	Babak Redjaian
Filer Authorized By:	
Attorney Docket Number:	161539-P001XC3C
Receipt Date:	16-AUG-2013
Filing Date:	08-NOV-2010
Time Stamp:	18:10:39
Application Type:	Utility under 35 USC 111(a)

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6	Non Patent Literature	2-5-Exhibit_44.pdf	2944065 14c596088e1bc29855fffdcefba011d7c35c8752	no	86
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	Application Number	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

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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"), 9 pgs.	☐
	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"), 18 pgs.	☐
	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"), 10 pgs.	☐
	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, 3 pgs.	☐
	8	"Programming the Display PostScript System with NeXTstep," Adobe Systems Incorporated, Addison-Wesley Publishing Co, 1992, 402 pgs.	☐
	9	GERVAE, Nik et al., "Developing Business Applications with OpenStep," Springer-Verlag, New York (1997), 297 pgs.	☐
	10	"Solo 2100 network problem," April 24, 2005, 5 pgs (printed on 4/4/2013), available at http://www.tomshardware.com/forum/13199-2-solo-2100-network.	☐
	11	"3.10 WWW Browser," The NEXTSTEP/OpenStep FAQ, 1 pg. (printed on 4/4/2013), available at http://famkoplien.de/henry/NeXT/NeXTFAQ/NeXTFAQ.038.html.	☐

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	12	"Creating an OPENSTEP Boot CD," Think Simple, Live Simple, September 18, 2010, 4 pgs. (printedon 4/5/2013), available at http://peterwong.net/blog/?p=119].	☐
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	17	Omniweb Screenshot, 1998, 2 pgs. (printed on 4/4/2013), available at: http://web.archive.org/web/19980522165125/http://omnigroup.com/Software/OmniWeb/3/Screenshots/Screenshot.jpg.	☐
	18	dpsops.h, Adobe Systems Incorporated, 1994, 16 pgs. (printed on 4/5/2013), available at http://slackware.dreamhost.com/slackware/slackware-8.0/live/usr/X11/include/DPS/dpsops.h	☐
	19	"Gateway Support - Solo 2100 Specifications," Gateway Support Documents, 4 pgs. (printed on 4/4/2013).	☐
	20	Amazon.com: Netgear MA401 802.11b Wireless PC Card, 6 pgs. (printed on 4/4/2013).	☐
	21	"Quick Installation Guide: WaveLAN/IEEE Turbo 11 Mb PC Card," Lucent Technologies, September 1999, 220 pgs.	☐
	22	"Netsurfer 2.0 RC2 (Netkit 1.0 RC2)," September 30, 1996, 6 pgs.	☐

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	23	"4Drawing," NeXTstep Release 3.3, 1995, 80 pgs. (printed on 4/5/2013).	☐
	24	Sloss, Joel, "Run NT on Laptops? Yes, You Can!," March 1, 1997, 12 pgs. (printed on 4/4/2013), available at http://windowsitpro.com/hardware/run-nt-laptops-yes-you-can.	☐
	25	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).	☐
	26	"Netsurfer(tm) for OPENSTEP," Netsurfer(tm) Product Information, January 26, 1997, 1 pg. (pritned on 4/4/2013).	☐
	27	"Netkit(tm) Web Development Platform," Netkit(tm) Product Information, January 26, 1997, 2 pgs. (printed on 4/4/2013).	☐
	28	"Mobile browser," Wikipedia, the free encyclopedia, 7 pgs. (printed on 4/5/2013), available at http://en.wikipedia.org/wiki/Mobile_browser	☐
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	30	Press Releases, Weather Underground Press, "The Weather Underground brings weather service to mobile phone users, 2 pgs. (printed on 4/5/2013) available at www.wunderground.com/about/pr/news.asp?date=19970513	☐
	31	MicroTouch, "TouchWare for Windows NT, User's Guide," Document No. 19-217, Version 2.2, MicroTouch Systems, Inc., 1996, 1998, 144 pgs.	☐
	32	Ron Person, "Web Publishing with Word for Windows," Que Pub (June 1995), 30 pgs.	☐
	33	Staffan Bjork et al., "WEST: a Web browser for small terminals," Proceedings of the 12th annual ACM symposium on User interface software and technology, 1999, pp. 187-196.	☐

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	Attorney Docket Number	161539-0002(P001XC3C)

	34	Complaint for Patent Infringement filed May 10, 2010 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, 56 pgs.	☐

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	Examiner Name	Quoc A. Tran
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Electronic Acknowledgement Receipt	
EFS ID:	16567131
Application Number:	12941106
International Application Number:	
Confirmation Number:	9016
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE 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-P001XC3C
Receipt Date:	16-AUG-2013
Filing Date:	08-NOV-2010
Time Stamp:	18:13:36
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)	106_updated_IDS_4.pdf	614773 28b3e8464c2688d07ad26c059dab7392e33a2967	no	7
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Information:					

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2	Non Patent Literature	4-1_Postscript_Language_Manual-2nd.pdf	4483279 228c3504495c8ea959dc76f0acd8028aa970e71e	no	774
Warnings:					
Information:					
3	Non Patent Literature	4-2_Postscript_Language-Manual-3rd.pdf	4080011 d5e282000ace3e883a91443e004d7006349441ff	no	912
Warnings:					
Information:					
4	Non Patent Literature	4-3_Chawathe_Proxy.pdf	298078 91bf776571cff3335be7b77babb5ceb69b763eec	no	9
Warnings:					
Information:					
5	Non Patent Literature	4-4_Chawathe_System.pdf	230445 41ff4e2173a0bd54781e67e3b38e0b58e6219eb3	no	18
Warnings:					
Information:					
6	Non Patent Literature	4-5_Fox.pdf	1652520 3ffbcb80b24cd65da5b5b955fd10f7c862f5c71a	no	10
Warnings:					
Information:					
7	Non Patent Literature	4-6_Bienz.pdf	1596264 961fc445f42c0dd379fc64b6a0e7a75621af948e	no	394
Warnings:					
Information:					
8	Non Patent Literature	4-7_Business_Wire_HP_Unveils_Seven_OpenPix_Products.pdf	284063 67e098ffdd9c6d320fbbb34fbdb95c5650b9e1c8	no	3
Warnings:					
Information:					
9	Non Patent Literature	4-8_Programming_Display_Postscript_System_with_NeXT_step.pdf	5324334 25ece0fd5f3f18246d304fa8a4db90a852a3f8aa	no	402
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Information:					

10	Non Patent Literature	4-9_Gervae_OpenStep.pdf	6034530 2851632fde3898ea6a5858e4baa0f70b864d7b72	no	297
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Information:					
11	Non Patent Literature	4-10_13199-2-solo-2100-network-pro.pdf	179497 b0c61c3ca7521efc159b681734962afcf684068a	no	5
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Information:					
12	Non Patent Literature	4-11_famkoplien_de-henry-NeXT-NeXTFAQ-NeXTFAQ_038_html.pdf	120493 0b6b3895b0cdf52e50271a63a7b5c08274ab43e9	no	1
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13	Non Patent Literature	4-12_How_OPENSTEP_Boots_peterwong_netblogger.pdf	1128505 919e811435eaa027f1eff23f09f09396f62727be	no	4
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Information:					
14	Non Patent Literature	4-13_http-en_wikipedia_org-wiki-NeXTSTEP.pdf	175691 98d252c2781e4a9b075228c9aa9f47110c1cf231	no	7
Warnings:					
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15	Non Patent Literature	4-14_http--en_wikipedia_org-wiki-OpenStep.pdf	134447 0d564ad1a6e8ecc593e60bc9d3e7a620ae0b60db	no	9
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16	Non Patent Literature	4-15_http--en_wikipedia_org-wiki-World_wide_web.pdf	433516 07cabe4079bbdf5d4372bcb053c3d1aceeadc790	no	23
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17	Non Patent Literature	4-16_http--en_wikipedia_org-wiki-WorldWideWeb.pdf	1179487 99a12db04c433f1ccb4791e016ec2333292d116d	no	4
Warnings:					
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18	Non Patent Literature	4-17_httpomnigroup_comSoftwareOmniWeb3screenshot.pdf	259758 5c28907ffc2287915c000378910f73e601a75b99	no	2
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19	Non Patent Literature	4-18_http-slackware_dreamhost_com-slackware-slackware-.pdf	3727509 18a904a1545d882dcb9f0cbc48331e0f0741038a	no	16
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Information:					
20	Non Patent Literature	4-19_http-support_gateway_com-s-Mobile-Solo_Series.pdf	137736 d05a20f54abf014fbb342481db357fbf1e9489b4	no	4
Warnings:					
Information:					
21	Non Patent Literature	4-20_http--www_amazon_com-Netgear-MA401-802-11b-Wireless.pdf	371106 ad27e3d9e646dea95350a389fb39399a8f03e8f6	no	6
Warnings:					
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22	Non Patent Literature	4-21_IEEMANUAL-ug_pc11a.pdf	18776680 88027f98278002e3ab7b9c450e6935ced7def227	no	220
Warnings:					
Information:					
23	Non Patent Literature	4-22_nextcomputers_org-NeXTfiles-Software-EXTSTEP-Apps-Internet-WWW-Web.pdf	33521 414a15217e50355ed9c554070ef1d1be8f49b0fa	no	6
Warnings:					
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24	Non Patent Literature	4-23_NextLibrary-Documentation-NextDev-Concepts-Pre3_0_Concepts.pdf	1056588 c0fa25576f7138cbec701f3faa7a3ecbbdbe7a3d	no	80
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25	Non Patent Literature	4-24_run-nt-laptops-yes-you-can1997.pdf	423383 f8966e47e0a524348c7f32adf3a205038ad16d7b	no	12
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26	Non Patent Literature	4-25_The_CSS_Saga.pdf	1221853 cff09374300d43a6a4e1f68081f7b542be275da4	no	4
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27	Non Patent Literature	4-26_web_archive_org-web-19970126082450--netsurfer_com-Products-Netsurfer.pdf	200419 e14148c4b98f4ba32b554fc3c4569b9245859353	no	1
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28	Non Patent Literature	4-27_web_archive_org-web-19970126083348--netsurfer_com-Products-Netkit_html.pdf	191039 b6c444651071d2df6e120472bb621ff20a741959	no	2
Warnings:					
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29	Non Patent Literature	4-28_Mobile_Browser.pdf	667402 7986effd4af31d19577e517e9d7222f2a57ecbf3	no	7
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Information:					
30	Non Patent Literature	4-29_Mobile_Phone.pdf	1837394 3447c2fcc7a48f60c28cd940e4b4051dc4b169fb	no	13
Warnings:					
Information:					
31	Non Patent Literature	4-30_Weather_Underground_Press_Release.pdf	286456 8de522df733162cc8767f72bdf33c9cdec736025	no	2
Warnings:					
Information:					
32	Non Patent Literature	4-31_TouchWare_User_Manual.pdf	429484 f02b62ca95e2f2e9dcf58e508caff8d5bfdadcb6	no	144
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33	Non Patent Literature	4-32_Person.pdf	18885905 f533ea002536bf348bbd0d975fade8d180a33ac1	no	30
Warnings:					
Information:					
34	Non Patent Literature	4-33_Bjork-WEST_a_Web_Browser_for_Small_Terminals.pdf	173688 55a0c13395926fd434029ccff0129e360f376db5	no	10
Warnings:					
Information:					
35	Non Patent Literature	4-34-Complaint_for_Patent_Infringement.pdf	3217797 428856b5473a7627905208b4312fc95fbb6547f6	no	56
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Total Files Size (in bytes):	79847651

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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.

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In the United States Patent and Trademark Office

Serial No.:	12/941,106	**Docket No.:**		161539-0002(P001XC3C)	
Filed:	November 8, 2010	**Conf. No.:**	9016	**Art Unit:**	2177
Applicant(s):	Gary B. Rohrabaugh, Et Al.	**Examiner:**		Tran, Quoc A.	
For:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES				

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

INFORMATION DISCLOSURE STATEMENT

Madam:

This Information Disclosure Statement is filed in accordance with 37 C.F.R. §§1.56, 1.97 and 1.98. The items listed on Form PTO-SB08, a copy of which is enclosed, are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

1. ☐ For each of the following items listed on the enclosed copy of Form PTO-SB08 that is not in the English language, an English language translation of that item or a portion thereof or a concise explanation of the relevance of that item is enclosed:

2. ☐ For each of the following items listed on the enclosed copy of Form PTO-SB08 that is not in the English language, a concise explanation of the relevance of that item is incorporated in the specification of the above-identified application.

3. ☐ Any copy of the items listed on the enclosed copy of Form PTO-SB08 that is not enclosed with this Information Disclosure Statement was previously cited by or submitted to the Patent and Trademark Office in application Serial No. _____, filed _____.

4. ☐ No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with:

   ☐ 37 C.F.R. §1.97(b)(1), within three months of the filing date of a national application other than a CPA; or

   ☐ 37 C.F.R. §1.97(b)(2), within three months of the date of entry into the national stage as set forth in §1.491 in an international application; or

☐ 37 C.F.R. §1.97(b)(3), before the mailing date of a first Office action on the merits; or

☐ 37 C.F.R. §1.97(b)(4) before the mailing date of a first office action after the filing of an RCE under §1.114.

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☒ Charge the fee to Deposit Account No. 09-0946.

7. ☐ A fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(d), after the mailing date of a final action or a notice of allowance, whichever comes first, but before payment of the issue fee, and is accompanied by:

a. one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 9 below; and

b. the fee due under 37 C.F.R. §1.17(p) which is paid as set forth in paragraph 11 below.

8. ☐ This Information Disclosure Statement is being filed in compliance with:

a. ☐ 37 C.F.R. §1.313(b)(3) or §1.313(c)(1), after the issue fee has been paid and information cited in this Information Disclosure Statement may render at least one claim unpatentable and is accompanied by the attached Petition To Withdraw Application From Issue and fee pursuant to 37 C.F.R. §1.17(h);

b. ☐ 37 C.F.R. §1.313(c)(2) or §1.313(c)(3), after the issue fee has been paid and information cited in this Information Disclosure Statement is to be considered in a Request for Continued Examination (RCE) or a Continuation application upon abandonment of the instant application and is accompanied by the attached Petition To Withdraw Application From Issue and fee pursuant to 37 C.F.R. §1.17(h).

c. ☐ The fee due under 37 C.F.R. §§1.17(h) is paid as set forth in paragraph 11 below.

9. ☐ I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

☐ I hereby certify that no item of information in the Information Disclosure Statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

10. ☐ This document is accompanied by ☐ a Search Report ☐ Communication which was cited in a corresponding ☐ PCT or ☐ Foreign counterpart application.

11. ☐ A check in the amount of $ is enclosed in payment of the fees due under 37 C.F.R. §§1.17(h) and 1.17(p).

☒ Applicant hereby authorizes and requests that the Commissioner charge any additional fees that may be required for consideration of this and/or any accompanying and/or necessary papers to Deposit Account No. 09-0946.

Respectfully submitted,
Attorney(s) for Applicant,
IRELL & MANELLA LLP

Dated: August 12, 2013

By:/Babak Redjaian/
Babak Redjaian
Registration No.: 42,096

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patents@irell.com (E-mail)

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Title: **DISPLAY AND INPUT DEVICE**

Japanese Patent JP05346923 **Kind Code:** A

Ads by Google
New Laptop from Google
Introducing Chromebook. 2.4 pounds light. 0.7 inches thin. For $249.
google.com/chromebook

Abstract:

PURPOSE: To continuously and immediately display the result of operation on a display screen by enlarging and displaying the display content corresponding to a specific depression position on a menu screen when the specific position is depressed.

CONSTITUTION: A touch panel 6 is provided on the surface of the display screen 2 through a transparent glass plate. The glass plate is provided on the display screen 2 through pressure sensors 7 in the four corners. Therefore, which position on the display screen 2 is pressed is detected by the touch panel 6 and its depressing force is detected by the pressure sensors 7. In this case, the enlarged screen based upon the depressing force is displayed on the display screen 2 by a display program. Namely, when the depressing force is small, a screen display which is wide in enlargement range and includes a small target station display and many stations is obtained, but when the depressing force is small, on the other hand, a screen display which includes a large target station display and a small number of stations is obtained.

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Related Results for **DISPLAY AND INPUT DEVICE - NIPPON SIGNAL CO LTD:THE**:

1. Install **Display** Drivers — DriverRestore.com/Display-Drivers
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   See samples of our work **and** capabilities video, or call 800-786-2501.

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Inventors: Wada, Hiroyuki

Application Number: JP1992000180320

Publication Date: 12/27/1993

Filing Date: 06/15/1992

Export Citation: Click for automatic bibliography generation

Assignee: NIPPON SIGNAL CO LTD:THE

International Classes: ***G06F3/041***; ***G06F3/033***; ***G06F3/048***; ***G06F3/153***; ***G06Q40/00***; ***G06Q50/00***; ***G07B5/00***; (IPC1-7): G06F15/21; G06F3/153; G06F3/033; G06F15/30; G07B5/00

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Title: **DISPLAY CONTROL DEVICE AND PROGRAM RECORDING MEDIUM FOR THE DEVICE**

Japanese Patent JP2001022496 Kind Code: A

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Abstract:

PROBLEM TO BE SOLVED: To move display contents of an entire screen so that desired data come to a specified position on the screen only by changing a specified position in specifying arbitrary data on the screen.

SOLUTION: When an arbitrary position on a display screen is specified, a CPU 1 controls a display device 6 when the specified position is an image display area and moves whole display contents so that the image comes to a screen center. Also, unless the specified position is the image display area, the CPU 1 controls the display device 6 and moves the whole display contents so that an image nearest to the specified position comes to the screen center.

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Inventors:	Abe, Yoshinori
Application Number:	JP1999000189618
Publication Date:	01/26/2001
Filing Date:	07/02/1999
Export Citation:	Click for automatic bibliography generation
Assignee:	CASIO COMPUT CO LTD
International Classes:	***G06F3/048***; ***G06F3/00***; ***G09G5/00***; ***G09G5/38***; ***H04Q7/38***; (IPC1-7): G06F3/00; G09G5/00; G09G5/38; H04Q7/38

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Electronic Patent Application Fee Transmittal	
Application Number:	12941106
Filing Date:	08-Nov-2010
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Filer:	Babak Redjaian/Susan Langworthy
Attorney Docket Number:	161539-P001XC3C
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	2806	1	90	90
		Total in USD ($)		**90**

In the United States Patent and Trademark Office

Serial No.:	12/941,106	**Docket No.:**		161539-P001XC3C	
Filed:	November 8, 2010	**Conf. No.:**	9016	**Art Unit:**	2177
Applicant(s):	Gary B. Rohrabaugh, Et Al.	**Examiner:**		Tran, Quoc A.	
For:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES				

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

INFORMATION DISCLOSURE STATEMENT

Madam:

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   ☐ 37 C.F.R. §1.97(b)(2), within three months of the date of entry into the national stage as set forth in §1.491 in an international application; or

   ☐ 37 C.F.R. §1.97(b)(3), before the mailing date of a first Office action on the merits; or

   ☐ 37 C.F.R. §1.97(b)(4) before the mailing date of a first office action after the filing of an RCE under §1.114.

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   a. one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 9 below; and

   b. the fee due under 37 C.F.R. §1.17(p) which is paid as set forth in paragraph 11 below.

8. ☐ This Information Disclosure Statement is being filed in compliance with:

   a. ☐ 37 C.F.R. §1.313(b)(3) or §1.313(c)(1), after the issue fee has been paid and information cited in this Information Disclosure Statement may render at least one claim unpatentable and is accompanied by the attached Petition To Withdraw Application From Issue and fee pursuant to 37 C.F.R. §1.17(h);

   b. ☐ 37 C.F.R. §1.313(c)(2) or §1.313(c)(3), after the issue fee has been paid and information cited in this Information Disclosure Statement is to be considered in a Request for Continued Examination (RCE) or a Continuation application upon abandonment of the instant application and is accompanied by the attached Petition To Withdraw Application From Issue and fee pursuant to 37 C.F.R. §1.17(h).

   c. ☐ The fee due under 37 C.F.R. §§1.17(h) is paid as set forth in paragraph 11 below.

9. ☐ I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

   ☒ I hereby certify that no item of information in the Information Disclosure Statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

10. ☐ This document is accompanied by ☐ a Search Report ☐ Communication which was cited in a corresponding ☐ PCT or ☐ Foreign counterpart application.

11. ☐ A check in the amount of $ is enclosed in payment of the fees due under 37 C.F.R. §§1.17(h) and 1.17(p).

    ☐ Charge the fees due under 37 C.F.R. §§1.17(h) and 1.17(p) to Deposit Account No. 09-0946, Order No. 161539-P001XC3C.

☒ Applicant hereby authorizes and requests that the Commissioner charge any additional fees that may be required for consideration of this and/or any accompanying and/or necessary papers to Deposit Account No. 09-0946, Order No. 161539-P001XC3C. In the event that an extension of time is required (or which may be required in addition to that requested in a petition for an extension of time), Applicant requests that the Commissioner grant a petition for an extension of time required to make this response timely, and, Applicant hereby authorizes and requests that the Commissioner charge any fee or credit any overpayment for such an extension of time to Deposit Account No. 09-0946, Order No. 161539-P001XC3C.

In the event that a telephone conference would facilitate examination of the application in any way, Applicant invites the Examiner to contact the undersigned at the number provided.

Respectfully submitted,
Attorney(s) for Applicant,
IRELL & MANELLA LLP

Dated: September 12, 2013

By:/Babak Redjaian/
Babak Redjaian
Registration No.: 42,096

Correspondence Address:
IRELL & MANELLA LLP
840 Newport Center Drive, Suite 400
Newport Beach, CA 92660

949-760-0991 (Telephone)
949-760-5200 (Facsimile)
patents@irell.com (E-mail)

Electronic Acknowledgement Receipt	
EFS ID:	16839234
Application Number:	12941106
International Application Number:	
Confirmation Number:	9016
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE 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-P001XC3C
Receipt Date:	12-SEP-2013
Filing Date:	08-NOV-2010
Time Stamp:	17:52:11
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
RAM confirmation Number	5310
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	Extension of Time	161539_002_ExtensionOfTime_106.pdf	123207 477a0e5f79e5f35435526e05aa16dc9df08a1c0a	no	2
Warnings:					
Information:					
2	Information Disclosure Statement (IDS) Form (SB08)	161539_002_SupplementalIDS_106.pdf	69379 1b7b39cd8e542500e749e253d2364616834b09e6	no	2
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
3	Non Patent Literature	161539_002_NPL1_106.pdf	1607740 8f292bd559602bc0bc8071ed43180a2621925474	no	6
Warnings:					
Information:					
4	Non Patent Literature	161539_002_NPL2_106.pdf	8333341 7d445ad7cc8ae6975831c0de17b8f6147add8314	no	27
Warnings:					
Information:					
5	Notice of Appeal Filed	161539_002_NoticeOfAppeal_106.pdf	184517 c73d36344aeeed9e3a6c2ed9df4f7b8124dbefff	no	2
Warnings:					
Information:					
6	Transmittal Letter	161539_002_IDSTransmittal_106.pdf	63966 3fec3865b71412335168d5db5b6dd3dafce69f9c	no	3
Warnings:					
Information:					
7	Fee Worksheet (SB06)	fee-info.pdf	32702 28773ce3c5e87f3ff89fa8896f8c122019558685	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	10414852		

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 (01-10)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	12941106
Filing Date	2010-11-08
First Named Inventor	Gary B. Rohrabaugh
Art Unit	2177
Examiner Name	Quoc A. Tran
Attorney Docket Number	161539-P001XC3C

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					

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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					

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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							☐

If you wish to add additional Foreign Patent Document citation information please click the Add button

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]

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-P001XC3C

	1	Order (claim construction), Softview v. Apple Inc. et al., Case 1:10-cv-00389-LPS, Document 1104, September 4, 2013 (6 pages).	☐
	2	Memorandum Opinion, Softview v. Apple Inc. et al., Case 1:10-cv-00389-LPS, Document 1103, September 4, 2013 (27 pages).	☐

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

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.

PTO/SB/31 (09-12)
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NOTICE OF APPEAL FROM THE EXAMINER TO THE PATENT TRIAL AND APPEAL BOARD

Docket Number (Optional): 161539-P001XC3C

I hereby certify that this correspondence is being facsimile transmitted to the USPTO EFS-Web transmitted to the USPTO, or or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)]

on September 12, 2013

Signature /Kamran Vakili/

Typed or printed name Kamran Vakili

In re Application of: Gary B. Rohrbaugh et al.

Application Number	Filed
12/941,106	Novermber 8, 2010

For Scalable Display of Internet Content on Mobile Devices

Art Unit	Examiner
2177	Tran, Quoc A.

Applicant hereby **appeals** to the Patent Trial and Appeal Board from the last decision of the examiner.

The fee for this Notice of Appeal is (37 CFR 41.20(b)(1)) $ 800.00

☑ Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee shown above is reduced by half, and the resulting fee is: $ 400.00

☐ A check in the amount of the fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☐ The Director has already been authorized to charge fees in this application to a Deposit Account.

☑ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 09-0946 .

☑ A petition for an extension of time under 37 CFR 1.136(a) (PTO/SB/22) is enclosed.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

I am the

☐ applicant/inventor.

☐ assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

☑ attorney or agent of record. Registration number 42096.

☐ attorney or agent acting under 37 CFR 1.34. Registration number if acting under 37 CFR 1.34. _____

/Babak Redjaian/
Signature

Babak Redjaian
Typed or printed name

310-277-1010
Telephone number

September 12, 2013
Date

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 4 forms are submitted.

This collection of information is required by 37 CFR 41.31. 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, 1.14 and 41.6. 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 Patent Application Fee Transmittal

Application Number:	12941106
Filing Date:	08-Nov-2010
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Filer:	Babak Redjaian/Kamran Vakili
Attorney Docket Number:	161539-P001XC3C

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:				
Notice of Appeal	2401	1	400	400
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension - 3 months with $0 paid	2253	1	700	700
Miscellaneous:				
			Total in USD ($)	**1100**

PTO/SB/22 (03-13)
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PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)

Docket Number (Optional): 161539-P001XC3C

Application Number: 12/941,106

Filed: November 8, 2010

For: Scalable Display of Internet Content on Mobile Devices

Art Unit: 2177

Examiner: Tran, Quoc A.

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above-identified application.

The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):

	Fee	Small Entity Fee	Micro Entity Fee	
☐ One month (37 CFR 1.17(a)(1))	$200	$100	$50	$
☐ Two months (37 CFR 1.17(a)(2))	$600	$300	$150	$
☑ Three months (37 CFR 1.17(a)(3))	$1,400	$700	$350	$ 700
☐ Four months (37 CFR 1.17(a)(4))	$2,200	$1,100	$550	$
☐ Five months (37 CFR 1.17(a)(5))	$3,000	$1,500	$750	$

☐ Applicant asserts small entity status. See 37 CFR 1.27.

☐ Applicant certifies micro entity status. See 37 CFR 1.29.
Form PTO/SB/15A or B or equivalent must either be enclosed or have been submitted previously.

☐ A check in the amount of the fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☐ The Director has already been authorized to charge fees in this application to a Deposit Account.

☑ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 09-0946.

☑ Payment made via EFS-Web.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

I am the

☐ applicant/inventor.

☐ assignee of record of the entire interest. See 37 CFR 3.71. 37 CFR 3.73(b) statement is enclosed (Form PTO/SB/96).

☑ attorney or agent of record. Registration number 42096.

☐ attorney or agent acting under 37 CFR 1.34. Registration number _____.

/Babak Redjaian/ — Signature

September 12, 2013 — Date

Babak Redjaian — Typed or printed name

310-277-1010 — Telephone Number

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.

☑ * Total of 4 forms are submitted.

This collection of information is required by 37 CFR 1.136(a). 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 6 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

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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 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.

REMARKS

Claims 1-14 were previously pending. Applicant respectfully requests reconsideration of the instant application in view of the foregoing amendments and/or the following remarks. By this Amendment/Response, claims 6, 10 and 12-14 have been canceled without prejudice or disclaimer, new claims 15-29 have been added, and claims 1, 3-5, 8, 9 and 11 have been amended. Applicant submits that support for the new and amended claims may be found throughout the originally filed specification, drawings and claims, and that no new matter has been added by way of the instant Amendment/Response. Applicant maintains that the original claims are in condition for allowance and explicitly reserves the right to add or pursue those claims at a later time and/or in one or more continuation and/or divisional applications. Claims 1-5, 7-9, 11 and 15-29 are currently pending.

Final Written Decisions have been issued in *inter partes* review ("IPR") proceedings IPR2013-00004 (for U.S. Patent no. 7,831,926; "the '926 patent") and IPR 2013-00007 (for U.S. Patent no. 7,461,353; "the '353 patent"), in which the U.S. Patent Office found contested claims of the '926 and '353 patents invalid. The '926 and '353 patents are related to the instant application, and the Final Written Decisions in the associated IPRs (submitted concurrently herewith via an Information Disclosure Statement) are appealable.

Claim Rejections - 35 U.S.C. § 112

Claim 13 has been rejected under 35 U.S.C. § 112(b) as allegedly being indefinite. Applicant submits that a *prima facie* showing of indefiniteness has not been put forth and that the claims are all clear and definite within the requirements of 35 U.S.C. § 112.

The Examiner has alleged that claim 13's limitation "'preservation of functionality includes preservation of input form functionality,' renders the claim indefinite because the limitation … which is not clearly define the claim terms." (Office Action, p. 3 ¶ 2). Although Applicant respectfully disagrees and submits that the claim is clear and definite in satisfaction of all requirements of 35 U.S.C. § 112, Applicant has canceled claim 13 without prejudice or disclaimer. Accordingly, Applicant submits that this basis of rejection has been rendered moot.

Claim Rejections - 35 U.S.C. § 103

Claims 1-14 have been rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over Bederson et al., ("A Zooming Web Browser," dated 11/05/1996) (hereinafter, "Bederson") in view of Canelones et al., U.S. Patent No. 6,700,589 (hereinafter, "Canelones"). Although Applicant respectfully traverses these rejections and submits that a *prima facie* showing of obviousness has not been established, and that the applied references, taken both individually and in combination, fail to discuss or render obvious every element of each pending claim, Applicant has amended the claims as shown above.

Amended independent claim 1 recites, *inter alia*,

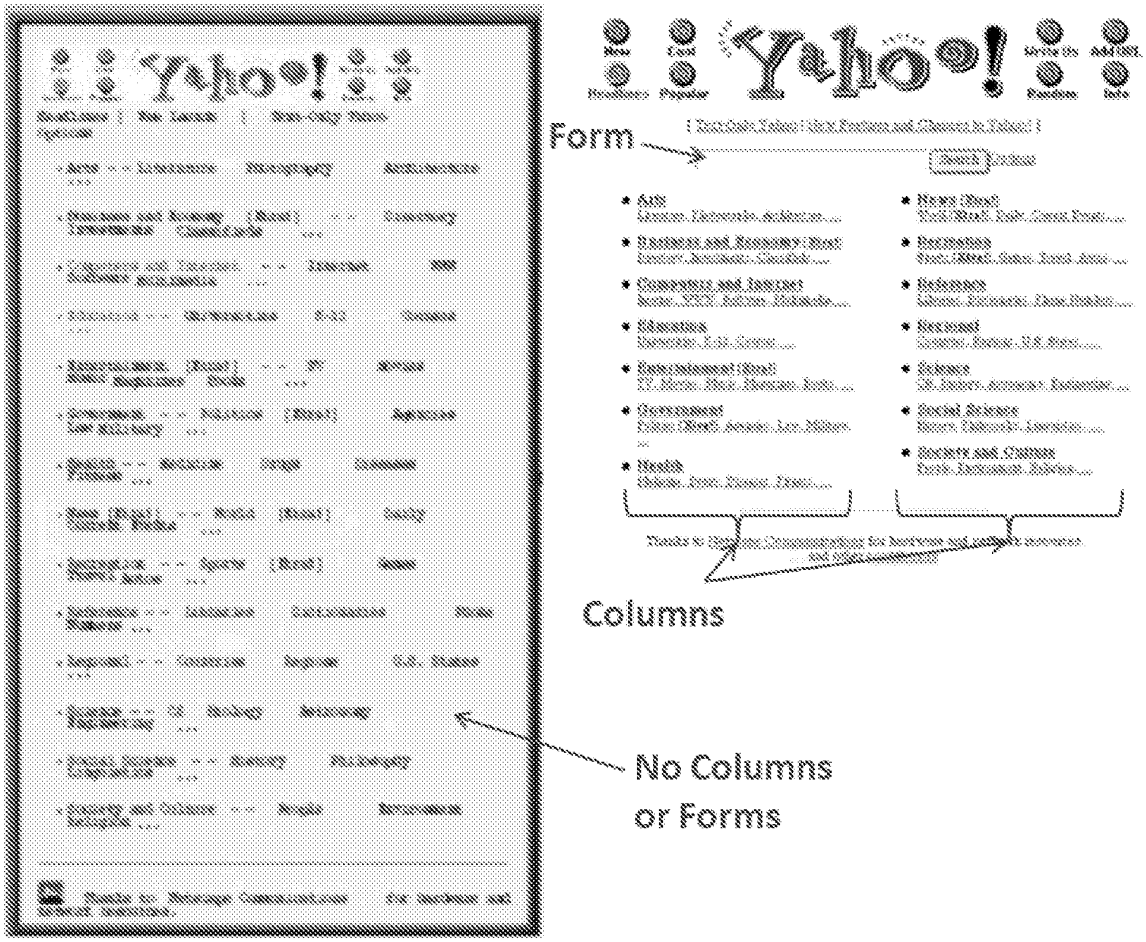
> A method, comprising:
> . . .
> retrieving and processing at the mobile device the HTML-based Web content including HTML code for the at least one form and the at least one column to translate the HTML-based Web content including HTML code for the at least one form and the at least one column into a scalable vector representation;
> . . .

Applicant submits that at least these elements, recited by amended independent claim 1[1], are not discussed or rendered obvious by the applied references, taken both individually and in combination. The pending rejection alleges, "Bederson discloses: A method comprising: . . . retrieving and processing the HTML-based Web content to produce scalable content" (Office Action, p. 4, ¶ 2). Applicant submits that the citation to Bederson is general, and that Bederson plainly fails to discuss or render obvious at least the claimed, "processing … the HTML based Web content including the at least one form and the at least one column to translate the HTML-based Web content including the at least one form and the at least one column into a scalable vector representation," as recited by amended independent claim 1.

Bederson fails to mention the claimed, "at least one form and the at least one column," let alone "processing . . . the HTML-based Web content" including these features "into a scalable vector representation." Bederson's Pad++ system is only described as rendering the most rudimentary of HTML types, and the reference is devoid of discussion of translating higher level and/or functional HTML structures into scalable vector representations, let alone the claimed "processing . . . the HTML based Web content including the at least one form and the at least one column to translate . . . into a scalable vector representation," recited by amended independent claim 1. In fact, Bederson's system could not recognize or support forms nor interpret HTML code for columns.

[1] New independent claim 21 recites, "retrieving and processing the HTML-based Web content at the mobile device to translate the HTML-based Web content, including the HTML code for the at least one form and at least one column, into a scalable vector representation," and is patentable over the applied references for at least similar reasons as those discussed identifying deficiencies in the references with respect to claim 1.

By way of example, the following shows a side-by-side comparison of how Bederson's Pad++ system interpreted a Yahoo! home page from 1995 with that of a desktop browser. On the left is a version of a 1995 Yahoo! web page ***as rendered by*** the Pad++ browser (Benjamin B. Bederson et al., *Pad++: A Zoomable Graphical Interface System* ("Bederson-1"), May 1995, ACM, CHI '95 Mosaic of Creativity, p. 23-24). This reference was submitted in an IDS dated March 13, 2013. On the right hand side is a Yahoo web page from 1995 (although it is not the exact same web page). (Kara Swisher, *Yahoo Homepages Over the Last 15 Years: The Good, the Bad and the Ugly (Really Ugly)*, July 20, 2009, available at http://allthingsd.com/20090720/yahoo-home-pages-over-the-last-15-years-the-good-the-bad-and-the-ugly-really-ugly/). The Yahoo! web page on the right properly renders HTML data for columns and forms to allow a user to enter search criteria, as annotated on the figure.



Clearly, Bederson's limited approach fails to recognize and render various HTML structures, including forms and columns, resident in the original Yahoo! page, and plainly fails to discuss or render obvious the claim elements discussed above, recited by amended independent claim 1. Moreover, the Yahoo! graphic on top of the web page rendered by Pad++ (left image) is not centered, whereas the Yahoo! graphic rendered by a desktop browser (right image) is properly centered. This shows that Pad++ does not faithfully render basic HTML formatting such as centering. Furthermore, the "Search" button that appears next to the form box on the right-hand image is non-existent in the Pad++-rendered Yahoo! page.

Applicant also submits that Canelones, which is directed to, fails to remedy the deficiencies identified above with respect to Bederson in relation to independent claim 1, The MPEP requires that "[a]ll words in a claim must be considered in judging the patentability of that claim against the prior art." § 2143.03. As the cited references, taken both individually and in combination, fail to discuss or render obvious at least the elements discussed, Applicant submits that a *prima facie* showing of obviousness has not been set forth and respectfully requests reconsideration and withdrawal of this basis of rejection.

Furthermore, Applicant submits that claims 2-5, 7-9, 11, 15-20 and 22-29, which depend directly or indirectly from independent claims 1 and 21, are also patentable over the applied references, taken both individually and in combination, for at least similar reasons as those discussed above identifying deficiencies in the applied references with respect to the independent claims. Accordingly, Applicant respectfully requests reconsideration and withdrawal of this basis of rejection.

CONCLUSION

Applicant asserts that the above remarks, which distinguish the claims over the cited references, pertained only to noted claim element portions. These remarks are believed to be sufficient to overcome the prior art cited in this Office Action (or any previous office action(s)) (hereinafter "Office Action(s)")). While many other claim element distinctions over prior art and reasons to overcome the recited bases for rejection were not discussed, as they have been rendered moot based on the above amendments and remarks, Applicant reserves the right to assert that all such remaining arguments and distinctions over the prior art, and Applicant reserves the opportunity to more particularly traverse, remark or distinguish any remaining claim elements and bases for rejection at a later time. Further, any

remarks that were made in response to the Office Action's objection or rejection as to any one claim element, and which may have been re-asserted as applying to other Office Actions, objections or rejections as to any other claim elements, are not meant to imply that there is commonality about the structure, functionality, means, operation, or scope of any of the claim elements, and no such commonality is admitted as a consequence of any such re-assertions and restatement of remarks. Consequently, the references cited by the Office Action do not result in the claimed invention, there was/is no motivation, basis or rationale for such a combination of references (i.e., cited references do not teach, read on, suggest, or result in the claimed invention), and the cited references are not admitted to be prior art to the claimed invention. Also, Applicant does not accept, admit, or concede to any assertions, (mis)characterizations (e.g., of claims, references, or otherwise) and/or Official Notice(s) in the Office Action. As such, Applicant does not concede that any claim element has been anticipated or rendered obvious by any of the cited references and/or any Official Notice in the Office Action. Thus, the Applicant respectfully submits that the supporting remarks and claimed inventions, claims 1-5, 7-9, 11 and 15-29, overcome all rejections and objections noted in the Office Action. These claims are patentably distinct from the cited references, and are in a condition for allowance. Accordingly, Applicant respectfully requests reconsideration and withdrawal of the rejections and objections, and allowance of all pending claims.

Authorization

Applicant hereby authorizes and requests that the Commissioner charge any additional fees that may be required for consideration of this and/or any accompanying and/or necessary papers to Deposit Account No. 09-0946, Order No. 161539-P001XC3C. In the event that an extension of time is required (or which may be required in addition to that requested in a petition for an extension of time), Applicant requests that the Commissioner grant a petition for an extension of time required to make this response timely, and, Applicant hereby authorizes and requests that the Commissioner charge any fee or credit any overpayment for such an extension of time to Deposit Account No. 09-0946, Order No. 161539-P001XC3C. In the event that a telephone conference would facilitate examination of the application in any way, Applicant invites the Examiner to contact the undersigned at the number provided.

Respectfully submitted,
Attorney(s) for Applicant,
IRELL & MANELLA LLP

Dated: April 11, 2014

By:/Babak Redjaian/
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AMENDMENTS TO THE CLAIMS

Please cancel claims 6, 10 and 12-14 without prejudice or disclaimer.

Please add new claims 15-29.

Please amend claims 1, 3-5, 8, 9 and 11 as follows:

1. (Currently Amended) A method, comprising:

requesting through ~~enabling a user of~~ a mobile device having a touch-sensitive display ~~to request access to~~ a Web page comprising HTML-based Web content defining an original page layout, functionality, and design ~~of content on the Web page~~ for a commercially available desktop browser, said HTML-based Web content including HTML code for at least one form and at least one column;

retrieving and processing at the mobile device the HTML-based Web content including HTML code for the at least one form and the at least one column to ~~produce scalable content~~ translate the HTML-based Web content including HTML code for the at least one form and the at least one column into a scalable vector representation; [[and]]

~~employing the scalable content and/or data derived therefrom to,~~

rendering ~~render a view of~~ the Web page on the touch-sensitive display utilizing the scalable vector representation that preserves the original page layout, functionality and design defined by the HTML-based content including the at least one form and the at least one column to conform to the original page layout, functionality and design defined by the HTML-based content including the at least one form and the at least one column as viewed on the commercially available desktop browser; and

re-rendering ~~re-render~~ the Web page in response to associated user inputs ~~to enable the user~~ to iteratively zoom in and out ~~views~~ of the Web page while preserving an original page layout, functionality, and design defined by the HTML-based Web content ~~as interpreted by a rendering engine,~~ including the at least one form and the at least one column to conform the original page layout, functionality and design defined by the HTML-based content including the at least one form and the at least one column as viewed on the commercially available desktop browser.

~~wherein preservation of the functionality defined by the HTML-based Web content includes preservation of hyperlink functionality.~~

2. (Original) The method of claim 1, wherein the mobile device comprises a mobile phone.

3. (Currently Amended) The method of claim 1, further comprising enabling [[the]] a user to zoom in on a user-selectable portion of a display of the Web page in response to a user interface input made via the touch-sensitive display.

4. (Currently Amended) The method of claim 1, wherein [[the]] a display of the Web page is re-rendered in real-time to effect zooming operations.

5. (Currently Amended) The method of claim 1, wherein the Web page includes at least one hyperlink, the method further comprising:

enabling [[the]] a user to select a hyperlink via the touch-sensitive display; and, in response thereto,

retrieving and processing HMTL-based Web content associated with the hyperlink to ~~produce~~ translate the HTML-based Web content associated with the hyperlink into an additional scalable ~~content~~ vector representation; and

employing the additional scalable ~~content~~ vector representation and/or data derived therefrom to render the Web content associated with the hyperlink on the touch-sensitive display.

6. (Canceled)

7. (Original) The method of claim 1, further comprising enabling a user to pan views of the Web page in real-time in response to corresponding user inputs made via the touch-sensitive display.

8. (Currently Amended) The method of claim 1, further comprising enabling a user to zoom on [[a]] the at least one column ~~of the Web content~~ by tapping on the at least one column via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that ~~content corresponding to the selected~~ the at least one column is displayed to fit a width of a display area of ~~across~~ the touch-sensitive display, the display area used for displaying Web page content.

9. (Currently Amended) The method of claim 1, wherein the Web content includes at least one image, the method further comprising enabling a user to zoom on an image by tapping on the image via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that the image is displayed to fit a width of a display area of the touch-sensitive display, the display area used for displaying Web page content.

10. (Canceled)

11. (Currently Amended) The method of claim 1, wherein [[the]] an original format of the Web page defines a Web page width ~~for the Web page~~, the method further comprising:

~~employing the rendering engine to interpret a~~ interpreting the Web page width ~~of the Web page~~; and

rendering ~~a view of~~ the Web page wherein the Web page width ~~of the Web page~~ is rendered to fit across a width of a display area [[on]] of the ~~touchscreen~~ touch-sensitive display, the display area used for displaying Web page content.

12 - 14. (Canceled).

15. (New) The method of claim 1, wherein the commercially available desktop browser comprises Internet Explorer.

16. (New) The method of claim 1, wherein the HTML-based Web content further includes HTML code for at least one table.

17. (New) The method of claim 1, wherein the HTML-based Web content further includes HTML code for two or more frames.

18. (New) The method of claim 1, wherein the HTML-based Web content further comprises Cascading Style Sheets (CSS) content.

19. (New) The method of claim 18, wherein the CSS content defines at least part of the original page layout, functionality, and design of content on the Web page.

20. (New) The method of claim 18, wherein retrieving and processing further comprises:

retrieving and processing the CSS content to translate the CSS content into the scalable vector representation.

21. (New) A method, comprising:

requesting through a mobile device having a touch-sensitive display a Web page comprising HTML-based Web content including HTML code for at least one form and at least one column;

retrieving and processing the HTML-based Web content at the mobile device to translate the HTML-based Web content, including the HTML code for the at least one form and at least one column, into a scalable vector representation;

rendering the Web page on the touch-sensitive display utilizing the scalable vector representation; and

re-rendering the Web page on the touch-sensitive display in response to one or more associated user inputs to iteratively zoom in and out of the Web page utilizing the scalable vector representation.

22. (New) The method of claim 21, wherein the mobile device comprises a mobile phone.

23. (New) The method of claim 21, further comprising enabling a user to zoom in on a user-selectable portion of a display of the Web page in response to a user interface input made via the touch-sensitive display.

24. (New) The method of claim 21, wherein the Web page includes at least one hyperlink, the method further comprising:

enabling a user to select a hyperlink via the touch-sensitive display; and, in response thereto,

retrieving and processing HMTL-based Web content associated with the hyperlink to translate the HTML-based content into an additional scalable vector representation; and

employing the additional scalable vector representation and/or data derived therefrom to render the Web content associated with the hyperlink on the touch-sensitive display.

25. (New) The method of claim 21, further comprising enabling a user to zoom on the at least one column by tapping on the at least one column via the touch-sensitive display, wherein in response thereto, the display is re-rendered such the at least one column is displayed to fit a width of a display area of the touch-sensitive display, the display area used for displaying Web page content.

26. (New) The method of claim 21, wherein the Web content includes at least one image, the method further comprising enabling a user to zoom on an image by tapping on the image via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that the image is displayed to fit a width of a display area of the touch-sensitive display, the display area used for displaying Web page content.

27. (New) The method of claim 21, wherein the HTML-based Web content further includes HTML code for at least one table.

28. (New) The method of claim 21, wherein the HTML-based Web content further includes HTML code for two or more frames.

29. (New) The method of claim 21, wherein processing the HTML-based Web content comprises:

parsing HTML-based code corresponding to the Web page to determine an original page layout of the HTML-based Web content on the Web page;

logically grouping selected content into objects;

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; and

generating a vector from the primary datum to the object datum for the object.

PTO/SB/30 (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

Address to:
Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Application Number	12941106
Filing Date	November 8, 2010
First Named Inventor	Gary B. Rohrabaugh
Art Unit	2177
Examiner Name	Tran, Quoc A.
Attorney Docket Number	161539-P001XC3C

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. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. 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).

   a. ☐ 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.

      i. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

      ii. ☐ Other _____

   b. ☑ Enclosed

      i. ☑ Amendment/Reply

      ii. ☐ Affidavit(s)/ Declaration(s)

      iii. ☐ Information Disclosure Statement (IDS)

      iv. ☐ Other _____

2. Miscellaneous

   a. ☐ 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)

   b. ☐ Other _____

3. Fees The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

   a. ☑ The Director is hereby authorized to charge the following fees, any underpayment of fees, or credit any overpayments, to Deposit Account No. 09-0946.

      i. ☐ RCE fee required under 37 CFR 1.17(e)

      ii. ☐ Extension of time fee (37 CFR 1.136 and 1.17)

      iii. ☐ Other _____

   b. ☐ Check in the amount of $ _____ enclosed

   c. ☐ Payment by credit card (Form PTO-2038 enclosed)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Signature	/Babak Redjaian/	Date	April 11, 2014
Name (Print/Type)	Babak Redjaian	Registration No.	42096

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Signature			
Name (Print/Type)		Date	

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. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop RCE, 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.

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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.

Instruction Sheet for RCEs

(not to be submitted to the USPTO)

NOTES:

An RCE is not a new application, and filing an RCE will not result in an application being accorded a new filing date.

Filing Qualifications:

The application must be a utility or plant application filed on or after June 8, 1995. The application cannot be a provisional application, a utility or plant application filed before June 8, 1995, a design application, or a patent under reexamination. See 37 CFR 1.114(e).

Filing Requirements:

Prosecution in the application must be closed. Prosecution is closed if the application is under appeal, or the last Office action is a final action, a notice of allowance, or an action that otherwise closes prosecution in the application (e.g., an Office action under *Ex parte Quayle*). See 37 CFR 1.114(b).

A submission and a fee are required at the time the RCE is filed. If reply to an Office action under 35 U.S.C. 132 is outstanding (e.g., the application is under final rejection), the submission must meet the reply requirements of 37 CFR 1.111. If there is no outstanding Office action, the submission can be an information disclosure statement, an amendment, new arguments, or new evidence. See 37 CFR 1.114(c). The submission may be a previously filed amendment (e.g., an amendment after final rejection).

WARNINGS:

Request for Suspension of Action:

All RCE filing requirements must be met before suspension of action is granted. A request for a suspension of action under 37 CFR 1.103(c) does not satisfy the submission requirement and does not permit the filing of the required submission to be suspended.

Improper RCE will NOT toll Any Time Period:

Before Appeal - If the RCE is improper (e.g., prosecution in the application is not closed or the submission or fee has not been filed) and the application is not under appeal, the time period set forth in the last Office action will continue to run and the application will be abandoned after the statutory time period has expired if a reply to the Office action is not timely filed. No additional time will be given to correct the improper RCE.

Under Appeal - If the RCE is improper (e.g., the submission or the fee has not been filed) and the application is under appeal, the improper RCE is effective to withdraw the appeal. Withdrawal of the appeal results in the allowance or abandonment of the application depending on the status of the claims. If there are no allowed claims, the application is abandoned. If there is at least one allowed claim, the application will be passed to issue on the allowed claim(s). See MPEP 1215.01.

See MPEP 706.07(h) for further information on the RCE practice.

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 Patent Application Fee Transmittal

Application Number:	12941106
Filing Date:	08-Nov-2010
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Filer:	Babak Redjaian
Attorney Docket Number:	161539-P001XC3C

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:				
Claims in excess of 20	2202	4	40	160
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension - 5 months with $0 paid	2255	1	1500	1500
Miscellaneous:				
Request for Continued Examination	2801	1	600	600
		Total in USD ($)		**2260**

Electronic Acknowledgement Receipt	
EFS ID:	18746705
Application Number:	12941106
International Application Number:	
Confirmation Number:	9016
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE 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-P001XC3C
Receipt Date:	11-APR-2014
Filing Date:	08-NOV-2010
Time Stamp:	22:47:13
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$2260
RAM confirmation Number	6523
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	Amendment Submitted/Entered with Filing of CPA/RCE	106_NFOAR.pdf	312756 3dbbb37c835c480899c510aea6982ace6e1f9d55	no	16
Warnings:					
Information:					
2	Extension of Time	106_extension.pdf	158609 59b2cb6d07370fa5a454092e5f37a836d3a00a72	no	2
Warnings:					
Information:					
3	Request for Continued Examination (RCE)	106_RCE.pdf	194717 ced4fb5c480692eb4a269ef8cb2c476659904e8e	no	3
Warnings:					
This is not a USPTO supplied RCE SB30 form.					
Information:					
4	Fee Worksheet (SB06)	fee-info.pdf	34397 394d2b61996bb76d1fc3e254a316a9634df2ca1f	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	700479		

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.

<u>New Applications Under 35 U.S.C. 111</u>
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.

<u>National Stage of an International Application under 35 U.S.C. 371</u>
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.

<u>New International Application Filed with the USPTO as a Receiving Office</u>
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/22 (03-13)
Approved for use through 3/31/2013. 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.

PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)

Docket Number (Optional): 161539-P001XC3C

Application Number	Filed
12941106	November 8, 2010

For: Scalable Display of Internet Content on Mobile Devices

Art Unit	Examiner
2177	Tran, Quoc A.

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above-identified application.

The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):

		Fee	Small Entity Fee	Micro Entity Fee	
☐	One month (37 CFR 1.17(a)(1))	$200	$100	$50	$
☐	Two months (37 CFR 1.17(a)(2))	$600	$300	$150	$
☐	Three months (37 CFR 1.17(a)(3))	$1,400	$700	$350	$
☐	Four months (37 CFR 1.17(a)(4))	$2,200	$1,100	$550	$
☑	Five months (37 CFR 1.17(a)(5))	$3,000	$1,500	$750	$ 1500

☑ Applicant asserts small entity status. See 37 CFR 1.27.

☐ Applicant certifies micro entity status. See 37 CFR 1.29.
Form PTO/SB/15A or B or equivalent must either be enclosed or have been submitted previously.

☐ A check in the amount of the fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☐ The Director has already been authorized to charge fees in this application to a Deposit Account.

☑ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 09-0946.

☑ Payment made via EFS-Web.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

I am the

☐ applicant/inventor.

☐ assignee of record of the entire interest. See 37 CFR 3.71. 37 CFR 3.73(b) statement is enclosed (Form PTO/SB/96).

☑ attorney or agent of record. Registration number 42096.

☐ attorney or agent acting under 37 CFR 1.34. Registration number _____.

/Babak Redjaian/ — Signature

April 11, 2014 — Date

Babak Redjaian — Typed or printed name

949-760-0991 — Telephone Number

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.

☑ * Total of 3 forms are submitted.

This collection of information is required by 37 CFR 1.136(a). 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 6 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.

In the United States Patent and Trademark Office

Serial No.:	12/941,106	**Docket No.:**			161539-P001XC3C
Filed:	November 8, 2010	**Conf.No.:**	9016	**Art Unit:**	2177
Applicant(s):	Gary B. Rohrbaugh, Et Al.	**Examiner:**			Tran, Quoc A.
For:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES				

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

AMENDMENT/RESPONSE ACCOMPANYING RCE, 37 CFR §1.114

Madam:

Further to the Notice of Appeal dated September 12, 2013 and the Non-Final Office Action dated March 13, 2013 (hereinafter "Office Action"), in view of the following amendments and/or remarks, the Applicant, by and through his duly appointed counsel, requests entry thereof and reconsideration of the above-referenced application in view of the following.

Amendments to the Claims are reflected in the listing of claims beginning on page 2 of this Amendment and Response.

Remarks begin on page 9 of this Amendment and Response.

CERTIFICATE OF FILING VIA EFS-WEB

I hereby certtify that this paper (along with any referred to as being attached or enclosed) is being transmitted via electronic filing (EFS-WEB) on April 11, 2014

/Kamran Vakili/

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	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

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	6211856	B1	2001-04-03	Choi et al.	
	2	6985136	B2	2006-01-10	Enmei	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12941106
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	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

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	IPR2013-00007 Paper 2 Petition for Inter Partes Review of U.S. Patent No. 7,461,353 filed Oct. 2, 2012 (short version)	☐
	2	IPR2013-00007 Paper 3 Petition for Inter Partes Review of U.S. Patent No. 7,461,353 filed Oct. 2, 2012 (long version)	☐
	3	IPR2013-00007 Paper 4 [Amended] Petition for Inter Partes Review of U.S. Patent No. 7,461,353 filed Oct. 5, 2012 (short version)	☐
	4	IPR2013-00007 Paper 6 Motion to Waive Petition Page Limit and [Amended] Petition for Inter Partes Review of U.S. Patent No. 7,461,353 filed Oct. 5, 2012 (long version)	☐
	5	IPR2013-00007 Paper 11 Decision to Institute Inter Partes Review entered March 29, 2013	☐
	6	IPR2013-00007 Paper 25 Patent Owner's Response to Petitioners' Petition for Inter Partes Review of U.S. Patent No. 7,461,353 filed July 19, 2013	☐
	7	IPR2013-00007 Paper 28 Petitioners Consolidated Reply to Patent Owner's Response filed September 23, 2013	☐
	8	IPR2013-00007 Paper 51 Final Written Decision entered March 27, 2014	☐
	9	IPR2013-00004 Paper 1 Petition for Inter Partes Review of U.S. Patent No. 7,831,926 filed Oct. 2, 2012 (short version)	☐
	10	IPR2013-00004 Paper 2 Petition for Inter Partes Review of U.S. Patent No. 7,831,926 filed Oct. 2, 2012 (long version)	☐

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	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

	11	IPR2013-00004 Paper 6 [Amended] Petition for Inter Partes Review of U.S. Patent No. 7,831,926 filed Oct. 5, 2012 (short version)	☐
	12	IPR2013-00004 Paper 7 Motion to Waive Petition Page Limit and [Amended] Petition for Inter Partes Review of U.S. Patent No. 7,831,926 filed Oct. 5, 2012 (long version)	☐
	13	IPR2013-00004 Paper 12 Decision to Institute Inter Partes Review entered March 29, 2013	☐
	14	IPR2013-00004 Paper 25 Patent Owner's Response to Petitioners' Petition for Inter Partes Review of U.S. Patent No. 7,831,926 filed July 19, 2013	☐
	15	IPR2013-00004 Paper 28 Petitioners Consolidated Reply to Patent Owner's Response filed September 23, 2013	☐
	16	IPR2013-00004 Paper 53 Final Written Decision entered March 27, 2014	☐
	17	Declaration of Glenn Reinman in Support of Softview LLC's Opening Claim Construction Brief (PX 1024 - IPR2013-00004/IPR2013-00007)	☐
	18	Reply Declaration of Jack D. Grimes, September 13, 2013 (PX 1030 - IPR2013-00004/IPR2013-00007)	☐
	19	"Watch every Apple iPhone ad from the first 'Hello'," available at http://www.phonearena.com/news/Watch-every-Apple-iPhone-ad-from-the first-Hello-id24213 (PX 1035 - IPR2013-00004/IPR2013-00007)	☐
	20	Apple's iPhone TV Ads: The Complete Campaign - All 89 TBWA spots so far, beginning with the first teaser by Tim Nudd, available at http://www.adweek.com/adfreak/apples-iphone-tv-ads-complete-campaign-138229?page=1 (PX 1036 - IPR2013-00004/IPR2013-00007)	☐
	21	DESCY, Don E., "All Aboard the Internet," TechTrends, January/February 1997, pp. 3-5 (PX 1042 - IPR2013-00004/ IPR2013-00007)	☐

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	Application Number	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

	22	'353 Patent Claim Chart (claims 1, 317) - Zaurus/Pad++ (PX 1043 - IPR2013-00004/IPR2013-00007)	☐
	23	'926 Patent Claim Chart (claim 30) - Zaurus/Pad++ (PX 1044 - IPR2013-00004/IPR2013-00007)	☐
	24	ROSMANN, Alain, "The AT&T EO Travel Guide," John Wiley & Sons, Inc., 1993, (PX 1046 - IPR2013-00004/ IPR2013-00007)	☐
	25	Declaration of Richard J. Lutz, Ph.D., Sept. 17, 2013 (PX 1049 - IPR2013-00004/IPR2013-00007)	☐
	26	Supplemental Reply Declaration of Jack D. Grimes, Ph.D., Oct. 14 2013 (PX 1052 - IPR2013-00004/IPR2013-00007)	☐
	27	Supplemental Declaration of Richard J. Lutz, Ph.D., Oct. 11, 2013 (PX 1053 - IPR2013-00004/IPR2013-00007)	☐

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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	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

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)	2014-04-14
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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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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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:	18759267
Application Number:	12941106
International Application Number:	
Confirmation Number:	9016
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE 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-P001XC3C
Receipt Date:	14-APR-2014
Filing Date:	08-NOV-2010
Time Stamp:	19:10:09
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	IDS_Transmittal.pdf	67660 c3bfd09ecd83a381741b176f925a90d3ed4c062a	no	3
Warnings:					
Information:					

2	Non Patent Literature	1-Paper_2_353_Petition-short.pdf	1388821 eb9972baff970fd4eaf0a379aba41ba795574cd2	no	64
Warnings:					
Information:					
3	Non Patent Literature	2-Paper_3_353_Petition-long.pdf	1552054 843171b00ccee147327f108d9fbd3aad1e7a6e6c	no	88
Warnings:					
Information:					
4	Non Patent Literature	3-Paper_4_353_Amended_Petition-short.pdf	1505401 75a9a96fc0a562e10f1497a258871dc88a1b1997	no	64
Warnings:					
Information:					
5	Non Patent Literature	4-Paper_6_353_Amended_Petition-long.pdf	1522483 610320a3bd051ab6b48bd74f96aaf7562772d512	no	82
Warnings:					
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6	Non Patent Literature	5-Paper_11_353_Decision_to_Institute_IPR.pdf	435338 e05de9e09f27fe60f840fb51ac76fe65533d35fb	no	40
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Warnings:					
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Warnings:					
Information:					
9	Other Reference-Patent/App/Search documents	8-Paper_51_353_Final_Decision.pdf	528821 03f86901108397b94272149d6d4d01e290620996	no	38
Warnings:					
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10	Non Patent Literature	9-Paper_1_926_Petition-short.pdf	1414325 954a95e86accf84cf12c7a049e9a2715506fb98d	no	68
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11	Non Patent Literature	10-Paper_2_926_Petition-long.pdf	1588759 a8ba3bfa608bbf1f28cd61fa0fae81cdc3570d8a	no	88
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12	Non Patent Literature	11-Paper_6_926_Amended_Petition-short.pdf	1480599 663dc8ac304ba74a71675289cdd2089e7430a4bc	no	68
Warnings:					
Information:					
13	Non Patent Literature	12-Paper_7_926_Amended_Petition-long.pdf	1652870 8bd2e59e127fcbbaead001e6633e9a28f651a9bb	no	88
Warnings:					
Information:					
14	Non Patent Literature	13-Paper_12_926_Decision_to_Institute.pdf	510518 1fbfa98014cfb505af5b1e399c45e402665cee66	no	44
Warnings:					
Information:					
15	Non Patent Literature	14-Paper_25_926_PO_Response.pdf	1140215 b488911040edd9387e8f8e5e48fd6a9839497769	no	70
Warnings:					
Information:					
16	Non Patent Literature	15-Paper_28_Petitioners_Consolidated_Reply.pdf	279995 a582df2a7f02eeb94289095b447ee2619d882795	no	13
Warnings:					
Information:					
17	Non Patent Literature	16-Paper_53_926_Final_Decision.pdf	516302 9f19b7f5cb114270a84f961b40d20e4eb66d4ab8	no	36
Warnings:					
Information:					
18	Non Patent Literature	17-Ex_1024_Reinman_Declaration.pdf	1083303 0f92cd207f4483ff64be639808cd37f931ab5c52	no	24
Warnings:					
Information:					
19	Non Patent Literature	18-Ex_1030_Grimes_Reply_Declaration.pdf	1487300 b37cd0af567694e4ae7d4d2681d7803f2f873559	no	94
Warnings:					
Information:					

20	Non Patent Literature	19-Ex_1035_Watch_Every_iPhone_Ad.pdf	316659 c53756bf0d6e8a1413b7a74f01e0a7d0f696e5a0	no	8
Warnings:					
Information:					
21	Non Patent Literature	20-Ex_1036_Apple_iPhone_TV_Ads.pdf	528173 1a647bf2cef4989629de85119d595faa4eed06c7	no	6
Warnings:					
Information:					
22	Non Patent Literature	21-Ex_1042_All_Aboard_the_Internet.pdf	754924 efdf5bffdf36e8d306e0ef77db0cb095f19952e5	no	4
Warnings:					
Information:					
23	Non Patent Literature	22-Ex_1043-353_Claim_Chart.pdf	2632014 a9e80610bb7087f99fc4fbf68b519e39428912bc	no	44
Warnings:					
Information:					
24	Non Patent Literature	23-Ex_1044_926_Claim_Chart.pdf	1031228 1628412c3a2bd69920305bf96ab63c1413d4066f	no	16
Warnings:					
Information:					
25	Non Patent Literature	24-Ex_1046_EO_Travel_Guide.pdf	16338830 dd0dcaf1b790e5fddad19e73a50e44157973e3fb	no	574
Warnings:					
Information:					
26	Non Patent Literature	25-Ex_1049_Lutz_Declaration.pdf	791951 ba9af746b6f0f57d551b43f238f230dcbf6605b1	no	16
Warnings:					
Information:					
27	Non Patent Literature	26-Ex_1052_Supplemental_Grimes_Reply.pdf	213575 90cb94f3350d5cd743820e84f6e08a8ae2ee5ab9	no	16
Warnings:					
Information:					
28	Non Patent Literature	27-Ex_1053_Supplemental_Lutz_Declaration.pdf	45003 de5efdfc142db026737bb689b1b3c8581752957d	no	4
Warnings:					
Information:					

29	Information Disclosure Statement (IDS) Form (SB08)	updated_IDS.pdf	623503 c86c64cae64f730954680c54f93cdd928943054d	no	6

Warnings:	
Information:	
Total Files Size (in bytes):	43122937

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

Serial No.:	12/941,106	**Docket No.:**	161539-P001XC3C
Filed:	November 8, 2010	**Conf. No.:** 9016	**Art Unit:** 2177
Applicant(s):	Gary B. Rohrabaugh, Et Al.	**Examiner:**	Tran, Quoc A.
For:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES		

Mailstop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Madam:

This Information Disclosure Statement is filed in accordance with 37 C.F.R. §§1.56, 1.97 and 1.98. The items listed on Form PTO-SB08, a copy of which is enclosed, are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

1. ☐ For each of the following items listed on the enclosed copy of Form PTO-SB08 that is not in the English language, an English language translation of that item or a portion thereof or a concise explanation of the relevance of that item is enclosed:

2. ☐ For each of the following items listed on the enclosed copy of Form PTO-SB08 that is not in the English language, a concise explanation of the relevance of that item is incorporated in the specification of the above-identified application.

3. ☐ Any copy of the items listed on the enclosed copy of Form PTO-SB08 that is not enclosed with this Information Disclosure Statement was previously cited by or submitted to the Patent and Trademark Office in application Serial No. _____, filed _____.

4. ☒ No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with:

   ☐ 37 C.F.R. §1.97(b)(1), within three months of the filing date of a national application other than a CPA; or

   ☐ 37 C.F.R. §1.97(b)(2), within three months of the date of entry into the national stage as set forth in §1.491 in an international application; or

   ☐ 37 C.F.R. §1.97(b)(3), before the mailing date of a first Office action on the merits; or

   ☒ 37 C.F.R. §1.97(b)(4) before the mailing date of a first office action after the filing of an RCE under §1.114.

5. ☐ No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 4 above but before the mailing date of a final action or a Notice of Allowance (where there has been no prior final action), and is accompanied by one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 9 below.

6. ☐ A fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 4 above but before the mailing date of a final action or a notice of allowance (where there has been no prior final action):

☐ A check in the amount of $180.00 is enclosed in payment of the fee.

☐ Charge the fee to Deposit Account No. 09-0946, Order No. 161539-P001XC3C.

7. ☐ A fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(d), after the mailing date of a final action or a notice of allowance, whichever comes first, but before payment of the issue fee, and is accompanied by:

a. one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 9 below; and

b. the fee due under 37 C.F.R. §1.17(p) which is paid as set forth in paragraph 11 below.

8. ☐ This Information Disclosure Statement is being filed in compliance with:

a. ☐ 37 C.F.R. §1.313(b)(3) or §1.313(c)(1), after the issue fee has been paid and information cited in this Information Disclosure Statement may render at least one claim unpatentable and is accompanied by the attached Petition To Withdraw Application From Issue and fee pursuant to 37 C.F.R. §1.17(h);

b. ☐ 37 C.F.R. §1.313(c)(2) or §1.313(c)(3), after the issue fee has been paid and information cited in this Information Disclosure Statement is to be considered in a Request for Continued Examination (RCE) or a Continuation application upon abandonment of the instant application and is accompanied by the attached Petition To Withdraw Application From Issue and fee pursuant to 37 C.F.R. §1.17(h).

c. ☐ The fee due under 37 C.F.R. §§1.17(h) is paid as set forth in paragraph 11 below.

9. ☐ I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

☐ I hereby certify that no item of information in the Information Disclosure Statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

10. ☐ This document is accompanied by ☐ a Search Report ☐ Communication which was cited in a corresponding ☐ PCT or ☐ Foreign counterpart application.

11. ☐ A check in the amount of $ is enclosed in payment of the fees due under 37 C.F.R. §§1.17(h) and 1.17(p).

☐ Charge the fees due under 37 C.F.R. §§1.17(h) and 1.17(p) to Deposit Account No. 09-0946, Order No. 161539-P001XC3C.

☒ Applicant hereby authorizes and requests that the Commissioner charge any additional fees that may be required for consideration of this and/or any accompanying and/or necessary papers to Deposit Account No. 09-0946, Order No. 161539-P001XC3C. In the event that an extension of time is required (or which may be required in addition to that requested in a petition for an extension of time), Applicant requests that the Commissioner grant a petition for an extension of time required to make this response timely, and, Applicant hereby authorizes and requests that the Commissioner charge any fee or credit any overpayment for such an extension of time to Deposit Account No. 09-0946, Order No. 161539-P001XC3C.

In the event that a telephone conference would facilitate examination of the application in any way, Applicant invites the Examiner to contact the undersigned at the number provided.

Respectfully submitted,
Attorney(s) for Applicant,
IRELL & MANELLA LLP

Dated: April 14, 2014

By:/Babak Redjaian/
Babak Redjaian
Registration No.: 42,096

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UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/941,106	11/08/2010	Gary B. Rohrabaugh	161539-P001XC3C	9016

29000 7590 12/03/2014

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LOS ANGELES, CA 90067

EXAMINER	
TRAN, QUOC A	

ART UNIT	PAPER NUMBER
2177	

MAIL DATE	DELIVERY MODE
12/03/2014	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. 12/941,106	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 --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTHS 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 *04/14/2014*.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

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) *1-5,7-9,11 and 15-29* 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) *1-5, 7-9, 11 and 15-29* is/are rejected.

8)☐ Claim(s) _____ is/are objected to.

9)☐ Claim(s) _____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, 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.

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☐ The drawing(s) filed on _____ 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).

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).

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)).

** 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) ☒ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date *4/14/14; 9/12/13 and 8/16/13 (four times)*.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

4) ☐ Other: _____.

DETAILED ACTION

The present application is being examined under the pre-AIA first to invent provisions. This is a ***Non-Final Office Action*** in responses to RCE amendments and remarks filed 04/14/2014; It is noted the current application is a continuation of 11/738,486, filed 04/21/2007, now U.S. Patent #7831926, 11/738,486 is a continuation of 09/878,097, filed 06/08/2001, now U.S. Patent #7210099 and having 1 RCE-type filing therein 09/878,097 is a continuation in part of 09/828,511, filed 04/07/2001,now abandoned; 09/878,097 Claims Priority from Provisional Application 60/217,345, filed 07/11/2000; 09/87,8097 Claims Priority from Provisional Application 60/211,019, filed ***06/12/2000*** is a division of 09/878,097, filed 06/08/2001,now U.S. Patent #7210099 and having 1 RCE-type filing therein is a division of 11/045,649, filed 01/28/2005 ,now U.S. Patent #7584423 and having 1 RCE-type filing therein is a division of 11/045,757, filed 01/28/2005,now U.S. Patent #7461353. Claims ***1-5, 7-9, 11 and 15-29*** are pending. Claims ***1 and 21*** are independent claims. Claims **6, 10, 12-14 have been cancelled** while **claims 15-29 are new**. Examiner acknowledges the "Terminal Disclaimer" filed 10/09/202 and approved.

In addition the priority dated for the currently amended feature is **06/08/2001**, because the amended features i.e., "**form and column and CSS"** is not found in the claims priority applications. If the examiner has overlooked the portion of the original Specification that describes this feature of the present invention, then Applicant should point it out (by page number and line number) in the response to this Office Action.

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 04/14/2014 has been entered.

Information Disclosure Statement

The signed and dated copies of applicant's IDSs, which were filed on 04/14/14; 9/12/13; 8/16/13; 8/16/13; 8/16/13 and 8/16/13; are attached to this Office Action.

At least one of the information disclosure statements filed on 04/14/2014; 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. publisher;
2. author (if any);
3. title;
4. ***relevant pages of the publication***;
5. publication date***;*** and
6. Place of 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).

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 1-5, 7-9, 11, 15-16 , 21-26 and 29 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Bederson et al.** ("A Zooming Web Browser" dated 11/05/1996 stamped by OSTI) [hereinafter "Bederson"], "], in view of **Chui** (US20020018072A1-Provosional 60/203,494 filed 05/11/2000) [hereinafter "Chui"].

Regarding ***independent Claim 1,***

Bederson discloses:

A method, comprising: requesting through a mobile device having a touch-sensitive display a Web page comprising HTML-based Web content defining an original page layout, functionality, and design for a commercially available desktop browser, said HTML-based Web content ..;

(Bederson provides browser supports multiscale representations of existing HTML pages [original page] where "Multi-Scale Markup Language (MSML)" and Padd++ "Zooming Web Browser", where a dynamic object can be placed at any position and at any scale. Padd++ allows the user to Zoom in and out and control how much context is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser; wherein Pad++ supports **panning and zooming**;

Zooming can involve simple **geometric scaling**, or **context sensitive rendering**, in which **rendering of objects can vary based on factors in addition to scale**, such as context of the task or complexity of the information being displayed. [See Pg. 1-9 and particular Pg. 3 bottom half right column through Pg. 4 whole].

Examiner notes Padd++ "Zooming Web Browser", where the user interact with Padd++ in much the same manner as traditional browser, is conceptually similar to defining an original page layout, functionality, and design of content on the Web page; retrieving and processing the HTML-based Web content to produce scalable content as claimed.

Bederson further discloses:

retrieving and processing at the mobile device the HTML-based Web content including HTML code …to produce translate the HTML-based Web content ….into a scalable vector representation;

(Bederson provides Padd++ "Zooming Web Browser", where a dynamic object can be placed at any position and at any scale. Padd++ allows the user to **Zoom in and out and control how much context is viewed at any time**; moreover the user interact with Padd++ in much the same manner as traditional browser [see Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole].

Also Bederson provides browser supports multiscale representations of existing HTML pages [original page] where "Multi-Scale Markup Language (MSML)" and Padd++ "Zooming Web Browser", where a dynamic object can be placed at any position and at any scale. Padd++ allows the user to Zoom in and out and control how much

context is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser; wherein Pad++ supports **panning and zooming**;

Zooming can involve simple **geometric scaling**, or **context sensitive rendering**, in which **rendering of objects can vary based on factors in addition to scale**, such as context of the task or complexity of the information being displayed. [See Pg. 1-9 and particular Pg. 3 bottom half right column through Pg. 4 whole.

Bederson discloses:

rendering the Web page on the touch-sensitive display utilizing the scalable vector representation that preserves the original page layout, functionality and design defined by the HTML-based content … conform to the original page layout, functionality..;

(Bederson provides browser supports multiscale representations of existing HTML pages [original page] where “Multi-Scale Markup Language (MSML)” and Padd++ “Zooming Web Browser”, where a dynamic object can be placed at any position and at any scale. Padd++ allows the user to Zoom in and out and control how much context is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser; wherein Pad++ supports **panning and zooming**;

Zooming can involve simple **geometric scaling**, or **context sensitive rendering**, in which **rendering of objects can vary based on factors in addition to scale**, such as context of the task or complexity of the information being displayed. [See Pg. 1-9 and particular Pg. 3 bottom half right column through Pg. 4 whole].

Bederson further discloses:

re-rendering the Web page in response to associated user inputs to enable the user to iteratively zoom in and out of the Web page while preserving an original page layout, functionality, and design defined by the HTML-based Web content;

(Bederson provides Padd++ "Zooming Web Browser", where a dynamic object can be placed at any position and at any scale. Padd++ allows the user to **Zoom in and out and control how much context is viewed at any time**; moreover the user interact with Padd++ in much the same manner as traditional browser [see Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole].

Also Bederson provides browser supports multiscale representations of existing HTML pages [original page] where "Multi-Scale Markup Language (MSML)" and Padd++ "Zooming Web Browser", where a dynamic object can be placed at any position and at any scale. Padd++ allows the user to Zoom in and out and control how much context is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser; wherein Pad++ supports **panning and zooming**;

Zooming can involve simple **geometric scaling**, or **context sensitive rendering**, in which **rendering of objects can vary based on factors in addition to scale**, such as context of the task or complexity of the information being displayed. [See Pg. 1-9 and particular Pg. 3 bottom half right column through Pg. 4 whole.])

Bederson further discloses:

re-rendering the Web page in response to associated user inputs to enable the user to iteratively zoom in and out of the Web page while preserving an original page layout, functionality, and design defined by the HTML-based Web content;

(Bederson provides Padd++ "Zooming Web Browser", where a dynamic object can be placed at any position and at any scale. Padd++ allows the user to **Zoom in and out and control how much context is viewed at any time**; moreover the user interact with Padd++ in much the same manner as traditional browser [see Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole].

Also Bederson provides browser supports multiscale representations of existing HTML pages [original page] where "Multi-Scale Markup Language (MSML)" and Padd++ "Zooming Web Browser", where a dynamic object can be placed at any position and at any scale. Padd++ allows the user to Zoom in and out and control how much context is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser; wherein Pad++ supports **panning and zooming**;

Zooming can involve simple **geometric scaling**, or **context sensitive rendering**, in which **rendering of objects can vary based on factors in addition to scale**, such as context of the task or complexity of the information being displayed. [See Pg. 1-9 and particular Pg. 3 bottom half right column through Pg. 4 whole.

In addition, Bederson provides Padd++ "Zooming Web Browser", where a dynamic object can be placed at any position and at any scale [see Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole]. However, Bederson does not expressly teach web page includes form and column, but *Scarborough teaches:*

> ***HTML code for at least one form and at least one column, … for the at least one form and the at least one column…including HTML code for the at least one form and the at least one column…*** and ***including the at least one form and the at least one column … and design defined by the HTML-based content including the at least one form and the at least one column as viewed on the commercially available desktop browser;*** **including the at least one form and the at least one column to conform the original page layout, functionality and design defined the HTML-based content including the at least one form and the at least one column as viewed on the commercially available desktop browser.**

(Chui discloses method of Scalable Vector Graphics (Svg) Drawings on Multiresolution Background Image/Background Alpha with/without Image Data Re-Usage Function Abst and Para(s) 1 and 7-8 and 36];

In addition, Chui further mentions client device 120 will be a personal digital assistant, personal computer workstation, or a computer controlled device dedicated to a particular task; where a browser application or other image viewing application 134, an image decoder module 180, and multi-resolution image files 190 encoded in

accordance with the present invention. In one embodiment, the browser application 134 includes or is coupled to a Java virtual machine for executing Java language programs, and the image decoder module is implemented as a Java.TM. applet that is dynamically downloaded to the client device along with the image files 190, thereby enabling, the browser to decode the image tiles for viewing [Para 66];

In addition, Chui Referring to FIG. 6, raw image data 200 or from an image scanner or other device is processed by "tiling the image data." More specifically, the raw image is treated as an array of tiles 202, each tile having a predefined size such as **64 rows by 64 columns**. Tile positions are specified with respect to an origin at the upper left corner of the image, with the first coordinate indicating the Y position of the tile (or a pixel or coefficient within the tile) and the second coordinate indicating the X position of the tile (or a pixel or coefficient within the tile). Thus, a tile at position 0,128 is located at the top of the image and has its origin at the 128th pixel of the top row of pixels [Para 97]; where 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** [Para 145].)

Accordingly, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine Bederson's Padd++ "Zooming Web Browser", to include a means of said HTML code for at least one form and at least one column, … for the at least one form and the at least one column…including HTML code for the at least one form and the at least one column… and including the at least one

form and the at least one column … and design defined by the HTML-based content including the at least one form and the at least one column as viewed on the commercially available desktop browser; including the at least one form and the at least one column to conform the original page layout, functionality and design defined the HTML-based content including the at least one form and the at least one column as viewed on the commercially available desktop browser as taught by Chui. Thus, provides a new zoomable Web browser using Pad++, a substrate for building multiscale dynamic user interfaces where dynamic objects can be placed at any position and at any scale, in which rendering of objects can vary based on factors in addition to scale, such as context of the task or complexity of the information being displayed. Also Web pages to remain visible at varying scales so the viewer may examine many pages at once. In addition, allows the user to zoom in and out, enabling explicit control of how much context is viewed at any time. To orient themselves, users can simply zoom out to view a number of web pages. To get more detailed views of a particular page, they can zoom in. We think this variable scale contextual display of Web pages can provide important support for navigation [in Bederson in page 1-2]

Claims 2-4,

Bederson and Chui further disclose:

the mobile device comprises a mobile phone; enabling the user to zoom in on a user- selectable portion of a display of the Web page in

response to a user interface input made via the touch-sensitive display; wherein the display of the Web page is re-rendered in real-time to effect zooming operations.

(Bederson provides Padd++ "Zooming Web Browser", where a dynamic object can be placed at any position and at any scale. Padd++ allows the user to Zoom in and out and control how much context is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser. It is noted the Web page is re-rendered in real-time to effect zooming operation [see Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole].)

Claim 5,

*Bederson and Chui further disclose**:***

the Web page includes at least one hyperlink, the method further comprising enabling a user to select a hyperlink via the touch-sensitive display; and, in response thereto, retrieving and processing HMTL-based Web content associated with the hyperlink to translate the HTML-based Web content associated with the hyperlink into an additional scalable vector representation; and employing the additional scalable content vector representation and/or data derived therefrom to render the Web content associated with the hyperlink on the touch-sensitive display.

(Bederson provides Padd++ "Zooming Web Browser", where click on a link focus in that page [Pg. 4 right col. lines 7-10]; also a dynamic object can be placed at any position and at any scale. Padd++ allows the user to Zoom in and out and control how much context is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser. It is noted the Web page is re-rendered in real-time to effect zooming operation [see Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole].)

Claim 7,

Bederson and Chui further disclose:

enabling a user to pan views of the Web page in real-time in response to corresponding user inputs made via the touch- sensitive display.

(Bederson provides Padd++ "Zooming Web Browser", where the user can Zoom in and out and control how much context is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser. It is noted the Web page is re-rendered in real-time to effect zooming operation. It is noted Padd++ Zooming web page content in real-time [see Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole].)

Examiner notes Padd++ "Zooming Web Browser", where the user interact with Padd++ in much the same manner as traditional browser, is conceptually similar to

enables the user to access user- selected Web pages from among billions of Web pages available via the World Wide Web while preserving an original page layout, hyperlink functionality, and design defined by the HTML-based Web content as interpreted by a rendering engine for each of the user-selected Web pages as claimed.

Claim 8,

Bederson and Chui further disclose:

enabling a user to zoom on the at least one column by tapping on the at least one column via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that to the selected the at least one column is displayed to fit a width of a display area of the touch-sensitive display, the display area used for displaying Web page content.

(Bederson provides Padd++ “Zooming Web Browser”, where click on a link focus in that page [Pg. 4 right col. lines 7-10]; also a dynamic object [i.e. interprets as ***the column]*** can be placed at any position and at any scale. Padd++ allows the user to Zoom in and out and control how much context is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser. It is noted the Web page is re-rendered in real-time to effect zooming operation [see Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole]. Examiner notes Padd++ “Zooming Web Browser”, where the user interact with Padd++ in much the same manner as traditional browser, is conceptually similar to enables the user to access user- selected Web

pages from among billions of Web pages available via the World Wide Web while preserving an original page layout, hyperlink functionality, and design defined by the HTML-based Web content as interpreted by a rendering engine for each of the user-selected Web pages as claimed.)

Claim 9,

Bederson and Chui further disclose:

the Web content includes at least one image, the method further comprising enabling a user to zoom on an image by tapping on the image via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that the image is displayed to fit a width of a display area of the touch-sensitive display the display area used for displaying Web page content.

(Bederson provides Padd++ "Zooming Web Browser", where Padd++ allows the user to Zoom in and out and control how much context [image, text which is web page contents] is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser. It is noted the Web page is re-rendered in real-time to effect zooming operation [see Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole]. Examiner notes Padd++ "Zooming Web Browser", where the user interact with Padd++ in much the same manner as traditional browser, is conceptually similar to enables the user to access user- selected Web pages from

among billions of Web pages available via the World Wide Web while preserving an original page layout, hyperlink functionality, and design defined by the HTML-based Web content as interpreted by a rendering engine for each of the user-selected Web pages as claimed.)

Claim 11,

Bederson and Chui further disclose:

wherein an original format of the Web page defines a Web page width, the method further comprising: interpreting the Web pare width; and rendering the Web page wherein the Web pare width is rendered to fit across a width of a display area of the touchscreen touch-sensitive display, the display area used for displaying Web page content.

(Bederson provides Padd++ “Zooming Web Browser”, where Padd++ allows the user to Zoom in and out and control how much context [image, text which is web page contents] is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser. It is noted Web browser combines a basic focus-driven layout with automatic zooming and panning to support navigation [Zoom in and out or rendering a view of the Web page wherein the width of the Web page is rendered to fit across a width of a display area]. [See Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole]. Examiner notes Padd++ “Zooming Web Browser”, where the user interact with Padd++ in much the same manner as traditional browser, is

conceptually similar to enables the user to access user- selected Web pages from among billions of Web pages available via the World Wide Web while preserving an original page layout, hyperlink functionality, and design defined by the HTML-based Web content as interpreted by a rendering engine for each of the user-selected Web pages as claimed.)

Claim 15

*Bederson and Chui further disclose**:***

wherein the commercially available desktop browser comprises Internet Explorer,

(Bederson provides Padd++ "Zooming Web Browser", where Padd++ allows the user to Zoom in and out and control how much context [image, text which is web page contents] is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser. It is noted Web browser combines a basic focus-driven layout with automatic zooming and panning to support navigation [Zoom in and out or rendering a view of the Web page wherein the width of the Web page is rendered to fit across a width of a display area]. [See Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole]. Examiner notes Padd++ "Zooming Web Browser", where the user interact with Padd++ in much the same manner as traditional browser, is conceptually similar to enables the user to access user- selected Web pages from among billions of Web pages available via the World Wide Web while preserving an

original page layout, hyperlink functionality, and design defined by the HTML-based Web content as interpreted by a rendering engine for each of the user-selected Web pages as claimed.)

Claim 16

Bederson and Chui further disclose:

wherein the HTML-based Web content further includes HTML code for at least one table,

(Chui discloses method of Scalable Vector Graphics (Svg) Drawings on Multiresolution Background Image/Background Alpha with/without Image Data Re-Usage Function Abst and Para(s) 1 and 7-8 and 36]; In addition, Chui further mentions 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** [Para 145].)

Accordingly, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine Bederson's Padd++ "Zooming Web Browser", to include the HTML-based Web content further includes HTML code for at least one table as taught by Chui. Thus, provides a new zoomable Web browser using Pad++, a substrate for building multiscale dynamic user interfaces where dynamic objects can be placed at any position and at any scale, in which rendering of objects can vary based on factors in addition to scale, such as context of the task or complexity of the information being displayed. Also Web pages to remain visible at varying scales

so the viewer may examine many pages at once. In addition, allows the user to zoom in and out, enabling explicit control of how much context is viewed at any time. To orient themselves, users can simply zoom out to view a number of web pages. To get more detailed views of a particular page, they can zoom in. We think this variable scale contextual display of Web pages can provide important support for navigation [in Bederson in page 1-2]

Claims 21-26, are fully incorporated similar subject of claims 1-3, 5, 8 and 9 cited above, and are similarly rejected along the same rationale.

Claim 29

*Bederson and Chui further disclose**:***

parsing HTML-based code corresponding to the Web page to determine an original page layout of the HTML-based Web content on the Web page;

(Bederson provides Padd++ “Zooming Web Browser”, where a dynamic object can be placed at any position and at any scale. Padd++ allows the user to **Zoom in and out and control how much context is viewed at any time**; moreover the user interact with Padd++ in much the same manner as traditional browser [see Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole].

Also Bederson provides browser supports multiscale representations of existing HTML pages [original page] where “Multi-Scale Markup Language (MSML)” and Padd++ “Zooming Web Browser”, where a dynamic object can be placed at any position and at any scale. Padd++ allows the user to Zoom in and out and control how much context is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser; wherein Pad++ supports **panning and zooming**;

Zooming can involve simple **geometric scaling**, or **context sensitive rendering**, in which **rendering of objects can vary based on factors in addition to scale**, such as context of the task or complexity of the information being displayed. [See Pg. 1-9 and particular Pg. 3 bottom half right column through Pg. 4 whole.

In addition Chui further teach:

> ***logically grouping selected content into objects; 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; and generating a vector from the primary datum to the object datum for the object.***

(Chui discloses method of Scalable Vector Graphics (Svg) Drawings on Multiresolution Background Image/Background Alpha with/without Image Data Re-Usage Function Abst and Para(s) 1 and 7-8 and 36];

In addition, Chui further mentions client device 120 will be a personal digital assistant, personal computer workstation, or a computer controlled device dedicated to

a particular task; where a browser application or other image viewing application 134, an image decoder module 180, and multi-resolution image files 190 encoded in accordance with the present invention. In one embodiment, the browser application 134 includes or is coupled to a Java virtual machine for executing Java language programs, and the image decoder module is implemented as a Java.TM. applet that is dynamically downloaded to the client device along with the image files 190, thereby enabling, the browser to decode the image tiles for viewing [Para 66];

In addition, Chui Referring to FIG. 6, raw image data 200 or from an image scanner or other device is processed by "tiling the image data." More specifically, the raw image is treated as an array of tiles 202, each tile having a predefined size such as **64 rows by 64 columns**. Tile positions are specified with respect to an origin at the upper left corner of the image, with the first coordinate indicating the Y position of the tile (or a pixel or coefficient within the tile) and the second coordinate indicating the X position of the tile (or a pixel or coefficient within the tile). Thus, a tile at position 0,128 is located at the top of the image and has its origin at the 128th pixel of the top row of pixels [Para 97]; where 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** [Para 145].

Reasonably to interpret the SVG processes is similar to defining an object datum corresponding to a layout location datum for the object's associated display content; and generating a vector from the primary datum to the object datum for the object as claimed.

Accordingly, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine Bederson's Padd++ "Zooming Web Browser", to include a means of said logically grouping selected content into objects; 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; and generating a vector from the primary datum to the object datum for the object as taught by Chui. Thus, provides a new zoomable Web browser using Pad++, a substrate for building multiscale dynamic user interfaces where dynamic objects can be placed at any position and at any scale, in which rendering of objects can vary based on factors in addition to scale, such as context of the task or complexity of the information being displayed. Also Web pages to remain visible at varying scales so the viewer may examine many pages at once. In addition, allows the user to zoom in and out, enabling explicit control of how much context is viewed at any time. To orient themselves, users can simply zoom out to view a number of web pages. To get more detailed views of a particular page, they can zoom in. We think this variable scale contextual display of Web pages can provide important support for navigation [in Bederson in page 1-2]

Claims 17-20 and 27-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Bederson et al.** ("A Zooming Web Browser" dated 11/05/1996 stamped by OSTI) [hereinafter "Bederson"], in view of **Chui** (US20020018072A1- Provosional 60/203,494 filed 05/11/2000) [hereinafter "Chui"], and further in view of **Scarborough** et al., (US006353448B1- filed 05/16/2000) [hereinafter "Scarborough"].

Claims 17-20,

Bederson and Chui mentions Padd++ and SVG for Zooming in and out, but do not expressly teach the table and CSS as claimed, however Scarborough discloses**:** ***wherein the HTML-based Web content further includes HTML code for two or more frames; wherein the HTML-based Web content further comprises Cascading Style Sheets (CSS) content; wherein the CSS content defines at least part of the original page layout, functionality, and design of content on the Web page; wherein retrieving and processing further comprises: retrieving and processing the CSS content to translate the CSS content into the scalable vector representation.*** (Scarborough discloses tables, textures, cascading style sheets, where resizes the bitmap image to a predetermined resolution. During the resizing process, it is preferable to maintain the aspect ratio of the original bitmap file [Para(s) 20-30].)

Accordingly, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine Bederson's Padd++ "Zooming Web Browser" and Chui's SVG, to include a means of said the HTML-based Web content further includes HTML code for two or more frames; wherein the HTML-based Web

content further comprises Cascading Style Sheets (CSS) content; wherein the CSS content defines at least part of the original page layout, functionality, and design of content on the Web page; wherein retrieving and processing further comprises: retrieving and processing the CSS content to translate the CSS content into the scalable vector representation as taught by Scarborough. Thus, provides a new zoomable Web browser using Pad++, a substrate for building multiscale dynamic user interfaces where dynamic objects can be placed at any position and at any scale, in which rendering of objects can vary based on factors in addition to scale, such as context of the task or complexity of the information being displayed. Also Web pages to remain visible at varying scales so the viewer may examine many pages at once. In addition, allows the user to zoom in and out, enabling explicit control of how much context is viewed at any time. To orient themselves, users can simply zoom out to view a number of web pages. To get more detailed views of a particular page, they can zoom in. We think this variable scale contextual display of Web pages can provide important support for navigation [in Bederson in page 1-2]

Claims 27-28, are fully incorporated similar subject of claims 16-17 cited above, and are similarly rejected along the same rationale.

It is noted that any citations to specific, pages, columns, lines, or figures in the prior art references and any interpretation of the 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 not persuasive (See the above for details):

In addition, Examiner retains the *Bederson* reference, because Bederson provides Padd++ "Zooming Web Browser", where a dynamic object can be placed at any position and at any scale. Padd++ allows the user to **Zoom in and out and control how much context is viewed at any time**; moreover the user interact with Padd++ in much the same manner as traditional browser [see Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole].

Also Bederson provides browser supports multiscale representations of existing HTML pages [original page] where "Multi-Scale Markup Language (MSML)" and Padd++ "Zooming Web Browser", where a dynamic object can be placed at any position and at any scale. Padd++ allows the user to Zoom in and out and control how much context is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser; wherein Pad++ supports **panning and zooming**;

Zooming can involve simple **geometric scaling**, or **context sensitive rendering**, in which **rendering of objects can vary based on factors in addition to**

scale, such as context of the task or complexity of the information being displayed. [See Pg. 1-9 and particular Pg. 3 bottom half right column through Pg. 4 whole]

Accordingly, for at least all the above evidence, therefore the Examiner respectfully maintains the rejection of claims 1-5, 7-9, 11 and 15-29 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).

/QUOC A TRAN/
Primary Examiner, Art Unit 2177

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1227	((plurality multiple various) near4 (zoom$4 enlag$3 reduc$3 scal$3 pan$4 focu$3) near4 (url link hyperlink))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 12:08
L2	211	1 & (table form) & column	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 12:08
L3	76	2 & (@pd or @ptad or @prad or @ad or @rlad)<"20000631"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 12:09
L4	16	3 & (pda mobile handheld smartphone Portable iphone ipad android kindle nook)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 12:09
L5	336	1 & (pda mobile handheld smartphone Portable iphone ipad android kindle nook)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 12:11
L6	314	5 & ((focus$3 near4 control) mov$3 resiz$3 scal$3 enlarg$3 reduc$3 zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 12:11
L7	47	6 & (@pd or @ptad or @prad or @ad or @rlad)<"20000631"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 12:12
L8	10	(US-20070234195-$ or US-	US-PGPUB;	OR	ON	2014/12/01

		20110231782-$).did. or (US-6674445-$ or US-6337693-$ or US-6449639-$ or US-6281874-$ or US-6700589-$ or US-6556217-$ or US-7747782-$ or US-6353448-$).did.	USPAT			12:17
L9	4	8 & (form table) & column	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 12:17
L10	3	12/941,106	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 12:21
L11	3	10 and form	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 12:22
L12	71	6 & (@pd or @ptad or @prad or @ad or @rlad)<"20010631"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 12:25
L13	22	12 & form and column	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 12:25
L14	430	1 & (@pd or @ptad or @prad or @ad or @rlad)<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 12:27
L15	4	14 & (((focus$3 near4 control) mov$3 resisiz$3 scal$3 enlarg$3 reduc$3)) near4 (screen displayed (small near4 displaued))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 12:27
L16	55734	form & column & browser & ((focus$3 near4 control) mov$3 resiz$3 scal$3 enlarg$3 reduc$3 zoom$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 12:54

L17	8211	16 & (@pd or @ptad or @prad or @ad or @rlad)<"20000631"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 12:55
L18	2	17 & ((plurality multiple various) near4 (zoom$4 enlag$3 reduc$3 scal$3 pan$4 focu$3) near4 (url link hyperlink))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 12:55
L19	2181	17 & ((zoom$4 enlag$3 reduc$3 scal$3 pan$4 focu$3) near4 (url link hyperlink form table column))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 12:57
L20	3	19 & (browser same ((web html) near4 (page document form column))) near4 ((zoom$4 enlag$3 reduc$3 scal$3 pan$4 focu$3) near4 (url link hyperlink form table column))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 12:59
L21	1198355	"135" ("6857102" | "7051276" | "20070080958" | "6700589" | "20020091738" | "6556217" | "6650343" | "7142205" | "6133916" | "6985136" | "20050131887" | "6185625" | "6343377" | "6605120" | "6684087" | "6795089" | "7055095" | "20020030699" | "20040210833" | "6751620" | "6456305" | "6466203" | "6003046" | "6826727" | "6327533" | "5987256" | "6874131" | "7236173" | "6073136" | "6947995" | "7032172" | "6604681" | "5897644" | "6134566" | "6307562" | "6449639" | "6925597" | "7009626" | "7441196" | "7737993" | "6724403" | "6211856" | "5920327" | "6272484" | "6300947" | "6642925" | "7036076" | "6553393" | "6161114" | "6535896" | "6791571" | "7162493").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 13:03
L22	199439	21 & (pda mobile handheld smartphone Portable iphone ipad android kindle nook)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 13:03
L23	22962	22 & ((zoom$4 enlag$3 reduc$3 scal$3 pan$4 focu$3) near4 (form table column))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 13:04

L24	23132	22 & ((zoom$4 enlag$3 reduc$3 scal$3 pan$4 focus$3) near4 (form table column))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 13:04
L25	3856	24 & ((plurality multiple various) near4 (zoom$4 enlag$3 reduc$3 scal$3 pan$4 focu$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 13:04
L26	0	25 & (browser same ((web html) near4 (page document form column))) near4 ((zoom$4 enlag$3 reduc$3 scal$3 pan$4 focu$3) near4 (form table column))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 13:05
L27	46	25 & ((browser same ((web html) near4 (page document form column))) near4 (form table column))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 13:06
L28	34	27 & (@pd or @ptad or @prad or @ad or @rlad)<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 13:06
L29	92993	(browser same ((web html) near4 (page document form column))) & ((focus$3 near4 control) mov$3 resiz$3 scal$3 enlarg$3 reduc$3 zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 13:08
L30	683	(browser same ((web html) near4 (page document form column))) near4 ((focus$3 near4 control) mov$3 resiz$3 scal$3 enlarg$3 reduc$3 zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 13:08
L31	18	(browser same ((web html) near4 (form column))) near4 ((focus$3 near4 control) mov$3 resiz$3 scal$3 enlarg$3 reduc$3 zoom$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 13:09
L32	824	SVG & browser & table & form & column	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2014/12/01 13:11

			DERWENT; IBM_TDB			
L33	131	32 & (@pd or @ptad or @prad or @ad or @rlad)<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 13:12
L34	4	33 & (web near4 browser near4 render$3) & (user near4 (select$3 interact$3 GUI))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 13:13
L35	62	33 & (web near4 browser) & (user near4 (select$3 interact$3 GUI))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 13:15
L36	11	(US-20070234195-$ or US-20110231782-$).did. or (US-6674445-$ or US-6337693-$ or US-6449639-$ or US-6281874-$ or US-6700589-$ or US-6556217-$ or US-7747782-$ or US-6353448-$ or US-6565609-$).did.	US-PGPUB; USPAT	OR	ON	2014/12/01 13:46
S1	0	(pda mobile handheld smartphone Portable) & ((Zoom$3 scal$3 pan$4)) & (preservc$3 same ((function$5 link$3 herperlink$3) same layout same design))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:28
S2	23	(pda mobile handheld smartphone Portable) & ((Zoom$3 scal$3 pan$4)) & (preserv$3 same ((function$5 link$3 herperlink$3) same layout same design))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:28
S3	12	S2 & (@ad<"20060631")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:28
S4	19	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:29
S5	10	("20010047428" | "20020112237" | "20050144256" | "5966135" | "6011905" | "6057854" | "6300947" | "6337693" | "6674445" |	US-PGPUB; USPAT; USOCR	OR	ON	2013/03/10 13:29

		"6857102").PN.				
S6	0	S5 & (pda mobile handheld smartphone Portable) & ((Zoom$3 scal$3 pan$4)) & (preservc$3 same ((function$5 link$3 herperlink$3) same layout same design))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:32
S7	0	S5 & (pda mobile handheld smartphone Portable) & ((Zoom$3 scal$3 pan$4)) & (preservc$3 same ((function$5 link$3 herperlink$3) & layout & design))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:32
S8	7	S5 & (pda mobile handheld smartphone Portable) & ((Zoom$3 scal$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:32
S9	7	S8 & (Web html xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:34
S10	273333	((automatically auato automatic dyanmic$4) same (Zoom$3 scal$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:46
S11	84066	S10 & (pda mobile handheld smartphone Portable (small same device))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:46
S12	20149	S11 & (Web html xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:47
S13	277	S12 & (zoom$3 with browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:47
S14	102	S13 & (@ad<"20060631")	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2013/03/10 13:47

			EPO; JPO; DERWENT; IBM_TDB			
S15	3	S13 & (@ad<"20000631")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:49
S16	1092	S12 & (@ad<"20000631")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:51
S17	12	S16 & (zoom$3 same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:52
S18	5	(US-20070234195-$).did. or (US-6674445-$ or US-6337693-$ or US-6449639-$ or US-6281874-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/10 14:00
S19	4	S18 & (pda mobile handheld smartphone Portable) & ((Zoom$3 scal$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 14:00
S20	2	"6700589".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 14:03
S21	6	(US-20070234195-$).did. or (US-6674445-$ or US-6337693-$ or US-6449639-$ or US-6281874-$ or US-6700589-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/10 14:03
S22	5	S21 & (pda mobile handheld smartphone Portable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 14:03
S23	6	S21 & (pda mobile handheld smartphone Portable small)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 14:04
S24	5	S21 & (pda mobile handheld	US-PGPUB;	OR	ON	2013/03/10

		smartphone Portable) & ((Zoom$3 scal$3 pan$4))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			14:05
S25	3	S24 & (@ad<"20000631")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 14:06
S26	3	12/941,106	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:23
S27	2887	715/760.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:26
S28	2781	715/762.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:26
S29	6959	715/764.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:26
S30	797	715/767.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:26
S31	3221	715/781.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:26
S32	1593	715/788.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2014/12/01 08:26

			IBM_TDB			
S33	79	715/796.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:26
S34	1888	715/800-802.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:26
S35	973524	(pda mobile handheld smartphone Portable iphone ipad android kindle nook) & ((Zoom$3 scal$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:28
S36	973644	(pda mobile handheld smartphone Portable iphone ipad android kindle nook) & ((Zoom$4 scal$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:29
S37	986711	S26 S27 S28 S29 S30 S31 S32 S33 S34 S35 S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:29
S38	973644	S37 & (pda mobile handheld smartphone Portable iphone ipad android kindle nook) & ((Zoom$4 scal$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:30
S39	59799	S38 & (((focus$3 near4 control) mov$3 resisiz$3 scal$3 enlarg$3 reduc$3)) near4 (screen displayed (small near4 displaued))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:32
S40	91	S39 & ((re adj (author$3 scal$3 render$3)) near4 (html page document xml web cite site))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:34
S41	69	S40 & (touch stylus softkey)	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2014/12/01 08:34

			EPO; JPO; DERWENT; IBM_TDB			
S42	17	S41 & (@pd or @ptad or @prad or @ad or @rlad)<"20000631"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:35
S43	234146	S38 & (touch stylus softkey)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:40
S44	23247	S43 & (@pd or @ptad or @prad or @ad or @rlad)<"20000631"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:40
S45	135	("6857102" | "7051276" | "20070080958" | "6700589" | "20020091738" | "6556217" | "6650343" | "7142205" | "6133916" | "6985136" | "20050131887" | "6185625" | "6343377" | "6605120" | "6684087" | "6795089" | "7055095" | "20020030699" | "20040210833" | "6751620" | "6456305" | "6466203" | "6003046" | "6826727" | "6327533" | "5987256" | "6874131" | "7236173" | "6073136" | "6947995" | "7032172" | "6604681" | "5897644" | "6134566" | "6307562" | "6449639" | "6925597" | "7009626" | "7441196" | "7737993" | "6724403" | "6211856" | "5920327" | "6272484" | "6300947" | "6642925" | "7036076" | "6553393" | "6161114" | "6535896" | "6791571" | "7162493").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:41
S46	23366	S44 S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:41
S47	3434	S46 & (((focus$3 near4 control) mov$3 resisiz$3 scal$3 enlarg$3 reduc$3)) near4 (screen displayed (small near4 displaued))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:42
S48	3434	S46 & (((focus$3 near4 control) mov$3 resisiz$3 scal$3 enlarg$3 reduc$3)) near4 (screen displayed (small near4 displayed))	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2014/12/01 08:42

			EPO; JPO; DERWENT; IBM_TDB			
S49	24	S48 & ((re near4 (author$3 scal$3 render$3)) near4 (html page document xml web cite site))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:42
S50	639	S48 & (((author$3 scal$3 render$3 resiz$3 enlarg$3 reduc$3 pan$4)) near4 (html page document xml web cite site))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:46
S51	630	S50 & (touchscreen touch stylus softkey)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:47
S52	517	S51 & (url link hyperlink)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:47
S53	98	S52 & ((plurality multiple various) near4 (zoom$4 enlag$3 reduc$3 scal$3 pan$4 focu$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:49
S54	0	S52 & ((plurality multiple various) near4 (zoom$4 enlag$3 reduc$3 scal$3 pan$4 focu$3) near4 (url link hyperlink))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:56
S55	65483	(zoom$4 enlag$3 reduc$3 scal$3 pan$4 focu$3) near4 (url link hyperlink)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:57
S56	551	S46 & (zoom$4 enlag$3 reduc$3 scal$3 pan$4 focu$3) near4 (url link hyperlink)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:57
S57	548	S56 & (@pd or @ptad or @prad or @ad or @rlad)<"20000631"	US-PGPUB; USPAT;	OR	ON	2014/12/01 08:58

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S58	548	S57 & (pda mobile handheld smartphone Portable iphone ipad android kindle nook)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:58
S59	2	S58 & ((plurality multiple various) near4 (zoom$4 enlag$3 reduc$3 scal$3 pan$4 focu$3) near4 (url link hyperlink))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 09:02
S60	1227	((plurality multiple various) near4 (zoom$4 enlag$3 reduc$3 scal$3 pan$4 focu$3) near4 (url link hyperlink))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 09:03
S61	0	S45 & S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 09:03
S62	0	S60 & ((re near4 (author$3 scal$3 render$3)) near4 (html page document xml web cite site))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 09:03
S63	38	S60 & (((author$3 scal$3 render$3)) near4 (html page document xml web cite site))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 09:04
S64	3	"6353488".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 09:16
S65	2	"6353448".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 09:16

S66	2	S65 & ((focus$3 near4 control) mov$3 resiz$3 scal$3 enlarg$3 reduc$3 zoom$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 09:17
S67	3	"6466203".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 09:33

12/1/2014 1:46:44 PM
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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	12/941,106	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:23
L2	2887	715/760.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:26
L3	2781	715/762.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:26
L4	6959	715/764.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:26
L5	797	715/767.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:26
L6	3221	715/781.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:26
L7	1593	715/788.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:26
L8	79	715/796.ccls.	US-PGPUB;	OR	ON	2014/12/01

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			08:26
L9	1888	715/800-802.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:26
L10	973524	(pda mobile handheld smartphone Portable iphone ipad android kindle nook) & ((Zoom$3 scal$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:28
L11	973644	(pda mobile handheld smartphone Portable iphone ipad android kindle nook) & ((Zoom$4 scal$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:29
L12	986711	1 2 3 4 5 6 7 8 9 10 11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:29
L13	973644	12 & (pda mobile handheld smartphone Portable iphone ipad android kindle nook) & ((Zoom$4 scal$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:30
L14	59799	13 & (((focus$3 near4 control) mov$3 resisiz$3 scal$3 enlarg$3 reduc$3)) near4 (screen displayed (small near4 displaued))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:32
L15	91	14 & ((re adj (author$3 scal$3 render$3)) near4 (html page document xml web cite site))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:34
L16	69	15 & (touch stylus softkey)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2014/12/01 08:34

			IBM_TDB			
L17	17	16 & (@pd or @ptad or @prad or @ad or @rlad)<"20000631"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:35
L18	234146	13 & (touch stylus softkey)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:40
L19	23247	18 & (@pd or @ptad or @prad or @ad or @rlad)<"20000631"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:40
L20	135	("6857102" | "7051276" | "20070080958" | "6700589" | "20020091738" | "6556217" | "6650343" | "7142205" | "6133916" | "6985136" | "20050131887" | "6185625" | "6343377" | "6605120" | "6684087" | "6795089" | "7055095" | "20020030699" | "20040210833" | "6751620" | "6456305" | "6466203" | "6003046" | "6826727" | "6327533" | "5987256" | "6874131" | "7236173" | "6073136" | "6947995" | "7032172" | "6604681" | "5897644" | "6134566" | "6307562" | "6449639" | "6925597" | "7009626" | "7441196" | "7737993" | "6724403" | "6211856" | "5920327" | "6272484" | "6300947" | "6642925" | "7036076" | "6553393" | "6161114" | "6535896" | "6791571" | "7162493").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:41
L21	23366	19 20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:41
L22	3434	21 & (((focus$3 near4 control) mov$3 resisiz$3 scal$3 enlarg$3 reduc$3)) near4 (screen displayed (small near4 displaued))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:42
L23	3434	21 & (((focus$3 near4 control) mov$3 resisiz$3 scal$3 enlarg$3 reduc$3)) near4 (screen displayed (small near4 displayed))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:42

L24	24	23 & ((re near4 (author$3 scal$3 render$3)) near4 (html page document xml web cite site))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:42
L25	639	23 & (((author$3 scal$3 render$3 resiz$3 enlarg$3 reduc$3 pan$4)) near4 (html page document xml web cite site))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:46
L26	630	25 & (touchscreen touch stylus softkey)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:47
L27	517	26 & (url link hyperlink)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:47
L28	98	27 & ((plurality multiple various) near4 (zoom$4 enlag$3 reduc$3 scal$3 pan$4 focu$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:49
L29	0	27 & ((plurality multiple various) near4 (zoom$4 enlag$3 reduc$3 scal$3 pan$4 focu$3) near4 (url link hyperlink))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:56
L30	65483	(zoom$4 enlag$3 reduc$3 scal$3 pan$4 focu$3) near4 (url link hyperlink)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:57
L31	551	21 & (zoom$4 enlag$3 reduc$3 scal$3 pan$4 focu$3) near4 (url link hyperlink)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:57
L32	548	31 & (@pd or @ptad or @prad or @ad or @rlad)<"20000631"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2014/12/01 08:58

			DERWENT; IBM_TDB			
L33	548	32 & (pda mobile handheld smartphone Portable iphone ipad android kindle nook)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 08:58
L34	2	33 & ((plurality multiple various) near4 (zoom$4 enlag$3 reduc$3 scal$3 pan$4 focu$3) near4 (url link hyperlink))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 09:02
L35	1227	((plurality multiple various) near4 (zoom$4 enlag$3 reduc$3 scal$3 pan$4 focu$3) near4 (url link hyperlink))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 09:03
L36	0	20 & 35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 09:03
L37	0	35 & ((re near4 (author$3 scal$3 render$3)) near4 (html page document xml web cite site))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 09:03
L38	38	35 & (((author$3 scal$3 render$3)) near4 (html page document xml web cite site))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 09:04
L39	3	"6353488".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 09:16
L40	2	"6353448".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 09:16
L41	2	40 & ((focus$3 near4 control) mov$3 resiz$3 scal$3 enlarg$3 reduc$3 zoom$4)	US-PGPUB; USPAT; USOCR;	OR	ON	2014/12/01 09:17

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L42	3	"6466203".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 09:33
S1	0	(pda mobile handheld smartphone Portable) & ((Zoom$3 scal$3 pan$4)) & (preservc$3 same ((function$5 link$3 herperlink$3) same layout same design))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:28
S2	23	(pda mobile handheld smartphone Portable) & ((Zoom$3 scal$3 pan$4)) & (preserv$3 same ((function$5 link$3 herperlink$3) same layout same design))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:28
S3	12	S2 & (@ad<"20060631")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:28
S4	19	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:29
S5	10	("20010047428" | "20020112237" | "20050144256" | "5966135" | "6011905" | "6057854" | "6300947" | "6337693" | "6674445" | "6857102").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2013/03/10 13:29
S6	0	S5 & (pda mobile handheld smartphone Portable) & ((Zoom$3 scal$3 pan$4)) & (preservc$3 same ((function$5 link$3 herperlink$3) same layout same design))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:32
S7	0	S5 & (pda mobile handheld smartphone Portable) & ((Zoom$3 scal$3 pan$4)) & (preservc$3 same ((function$5 link$3 herperlink$3) & layout & design))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:32
S8	7	S5 & (pda mobile handheld smartphone Portable) & ((Zoom$3 scal$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2013/03/10 13:32

			EPO; JPO; DERWENT; IBM_TDB			
S9	7	S8 & (Web html xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:34
S10	273333	((automatically auato automatic dyanmic$4) same (Zoom$3 scal$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:46
S11	84066	S10 & (pda mobile handheld smartphone Portable (small same device))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:46
S12	20149	S11 & (Web html xml)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:47
S13	277	S12 & (zoom$3 with browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:47
S14	102	S13 & (@ad<"20060631")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:47
S15	3	S13 & (@ad<"20000631")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:49
S16	1092	S12 & (@ad<"20000631")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 13:51
S17	12	S16 & (zoom$3 same browser)	US-PGPUB; USPAT;	OR	ON	2013/03/10 13:52

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S18	5	(US-20070234195-$).did. or (US-6674445-$ or US-6337693-$ or US-6449639-$ or US-6281874-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/10 14:00
S19	4	S18 & (pda mobile handheld smartphone Portable) & ((Zoom$3 scal$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 14:00
S20	2	"6700589".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 14:03
S21	6	(US-20070234195-$).did. or (US-6674445-$ or US-6337693-$ or US-6449639-$ or US-6281874-$ or US-6700589-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/10 14:03
S22	5	S21 & (pda mobile handheld smartphone Portable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 14:03
S23	6	S21 & (pda mobile handheld smartphone Portable small)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 14:04
S24	5	S21 & (pda mobile handheld smartphone Portable) & ((Zoom$3 scal$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 14:05
S25	3	S24 & (@ad<"20000631")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/10 14:06

12/ 1/ 2014 9:39:15 AM
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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	12941106
Filing Date	2010-11-08
First Named Inventor	Gary B. Rohrabaugh
Art Unit	2177
Examiner Name	Quoc A. Tran
Attorney Docket Number	161539-0002(P001XC3C)

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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	6133916		2000-10-17	Bukszar et al.	
	2	6553393		2003-04-22	Eibott et al.	
	3	6724403		2004-04-20	Santoro et al.	
	4	6456305		2002-09-24	Chin et al.	
	5	6466203		2002-10-15	Van Ee	
	6	6604681		2003-08-12	Burke 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	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)	☐

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	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

	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)	☐
	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 (2 parts - 464 total pages) (PX 1028) Submitted by Petitioner in IPRs 2013-00004, -00007, -00256, -00257	☐
	8	Declaration of Manabu Toda, September 18, 2012 (2 parts - 462 total 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)	☐

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	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

	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)	☐
	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)	☐
	17	Defendants' Supplemental Exhibit A to Invalidity Interrogatory Answers Exhibit 6: Defendants' claim chart for the '353 patent for Japanese Application Publication H10-326169 and VML, (259 pages)	☐
	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)	☐

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	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

	25	Exhibit 14: Defendants' claim chart for the '353 patent for the New Pad++ References and the SVF References, (196 pages)	☐
	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)	☐

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	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

	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)	☐
	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)	☐

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	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

	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)	☐
	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	/Quoc Tran/ (12/01/2014)	Date Considered	

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	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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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

	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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	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

	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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	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

	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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	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

	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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Examiner Signature	/Quoc Tran/ (12/01/2014)	Date Considered	

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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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	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

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	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

	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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	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

	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(P001XC3C)

	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 (supplemental): 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 (supplemental): 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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	Attorney Docket Number	161539-0002(P001XC3C)

	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(P001XC3C)

	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 Zoetrope: interacting with the ephemeral web
Eytan Adar, Mira Dontcheva, James Fogarty, Daniel S. Weld
October 2008 **UIST '08:** Proceedings of the 21st annual ACM symposium on User interface software and technology
Publisher: ACM Request Permissions
Full text available: Rv (587707:40 MIN), Mov (1359784:31 MIN), PDF (2.38 MB)
Bibliometrics: Downloads (6 Weeks): 30, Downloads (12 Months): 94, Downloads (Overall): 927, Citation Count: 19

The Web is ephemeral. Pages change frequently, and it is nearly impossible to find data or follow a link after the underlying page evolves. We present Zoetrope, a system that enables interaction with the historicalWeb (pages, links, and embedded data) ...

Keywords: temporal informatics, web, web extraction

2 A taskonomy of 3D web use
Jacek Jankowski
June 2011 **Web3D '11:** Proceedings of the 16th International Conference on 3D Web Technology
Publisher: ACM Request Permissions
Full text available: PDF (370.39 KB)
Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 69, Downloads (Overall): 278, Citation Count: 5

This paper aims to shed some light on the fundamental tasks users engage in while browsing the 3D Web. Firstly, we will provide an overview and discussion of several field studies that provide insights on how the current version of the Web is used focusing ...
Keywords: 3D web, interaction techniques, taxonomy, user tasks

3 Gesture avatar: a technique for operating mobile user interfaces using gestures
Hao Lü, Yang Li
May 2011 **CHI '11:** Proceedings of the SIGCHI Conference on Human Factors in Computing Systems
Publisher: ACM Request Permissions
Full text available: Mov (903631:48 MIN), PDF (1.94 MB)
Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 324, Downloads (Overall): 1903, Citation Count: 8

Finger-based touch input has become a major interaction modality for mobile user interfaces. However, due to the low precision of finger input, small user interface components are often difficult to acquire and operate on a mobile device. It is even ...
Keywords: finger-based touch input, gestures, mobile devices, target acquisition, touchscreens

4 Efficient and effective information finding on small screen devices
Paulli P. Y. Lai
May 2013 **W4A '13:** Proceedings of the 10th International Cross-Disciplinary Conference on Web Accessibility
Publisher: ACM Request Permissions
Full text available: PDF (1.55 MB)
Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 44, Downloads (Overall): 80, Citation Count: 0

The use of handheld devices to access the World Wide Web has been increased significantly in recent years. It is time consuming to seek information when desktop-oriented webpages that contain tons of information are squeezed to be displayed on a handheld ...
Keywords: content adaptation, handheld device, information seeking, mobile web, relationship analysis

5 The link-offset-scale mechanism for improving the usabilliy of touch screen displays on the web
Willian Massami Watanabe, Renata Pontin de Mattos Fortes, Maria da Graça Campos Pimentel
September 2011 **INTERACT'11: Proceedings of the 13th IFIP TC 13 international conference on Human-computer interaction - Volume Part III** , Volume Part III
Publisher: Springer-Verlag
Full text available: Publisher Site
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count:

Touch-screen interfaces have become a widespread-input-device tendency for computer systems. In this context, many studies investigate how to improve general usability for touch-screen devices. These studies consider different interaction design features ...
Keywords: pervasive computing, touch-screen displays, ubiquitous computing, usability in touch-screen devices, web usability

6 COSA: a contents-oriented self adaptive browsing approach
Li Liu, Jingyuan Zhang, Michael Galloway
March 2008 **ACM-SE 46:** Proceedings of the 46th Annual Southeast Regional Conference on XX
Publisher: ACM Request Permissions
Full text available: PDF (1.55 MB)
Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 7, Downloads (Overall): 82, Citation Count: 1

As it is one of the major applications of a PDA, surfing the Internet is always limited by its inadequate screen size and connection speed. In this paper, we introduce a content-oriented browsing protocol, which adaptively resizes the information based ...

Keywords: computer interface, web browser

7 KNM: a novel intelligent user interface for webpage navigation
Shiguang Liu, Hua-Jun Zeng, Zheng Chen, Chuangbai Xiao, Wei-Ying Ma
October 2005 **AIRS'05:** Proceedings of the Second Asia conference on Asia Information Retrieval Technology
Publisher: Springer-Verlag
Full text available: Publisher Site
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count:

In order to help readers grasp key information from web pages within limited time, a novel intelligent user interface for webpage navigation: Keyphrase Navigation Map (KNM) is proposed in this paper, which presents a map to the readers, assisting them ...

8 DENIM: an informal web site design tool inspired by observations of practice
Mark W. Newman, James Lin, Jason I. Hong, James A. Landay
September 2003 **Human-Computer Interaction** , Volume 18 Issue 3
Publisher: L. Erlbaum Associates Inc.
Full text available: PDF (3.50 MB)
Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 45, Downloads (Overall): 388, Citation Count: 68

Through a study of Web site design practice, we observed that designers employ multiple representations of Web sites as they progress through the design process and that these representations allow them to focus on different aspects of the design. In ...

9 Adaptive, intelligent presentation of information for the museum visitor in PEACH
Oliviero Stock, Massimo Zancanaro, Paolo Busetta, Charles Callaway, Antonio Krüger, Michael Kruppa, Tsvi Kuflik, Elena Not, Cesare Rocchi
July 2007 **User Modeling and User-Adapted Interaction** , Volume 17 Issue 3
Publisher: Kluwer Academic Publishers
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 53

The study of intelligent user interfaces and user modeling and adaptation is well suited for augmenting educational visits to museums. We have defined a novel integrated framework for museum visits and claim that such a framework is essential in such ...

Keywords: Adaptive mobile guides, Multimodal user interfaces, Personal visit report, Personalized information presentation

10 No Code Required: Giving Users Tools to Transform the Web
Allen Cypher, Mira Dontcheva, Tessa Lau, Jeffrey Nichols
April 2010 No Code Required: Giving Users Tools to Transform the Web
Publisher: Morgan Kaufmann Publishers Inc.
Full text available: The ACM Learning Center , ePub (9.73 MB), PDF (37.85 MB)
Bibliometrics: Downloads (6 Weeks): 44, Downloads (12 Months): 201, Downloads (Overall): 613, Citation Count: 8

Revolutionary tools are emerging from research labs that enable all computer users to customize and automate their use of the Web without learning how to program. No Code Required takes cutting edge material from academic and industry leaders ...

11 Effective Prototyping with Excel: A practical handbook for developers and designers
Nevin Berger, Michael Arent, Jonathan Arnowitz, Fred Sampson
January 2009 Effective Prototyping with Excel: A practical handbook for developers and designers
Publisher: Morgan Kaufmann Publishers Inc.
Full text available: The ACM Learning Center , ePub (10.79 MB), PDF (141.67 MB)
Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 97, Downloads (Overall): 358, Citation Count: 2

Although recognized as a key to the design process, prototyping often falls victim to budget cuts, deadlines, or lack of access to sophisticated tools. This can lead to sloppy and ineffective prototypes or the abandonment of them altogether. Rather than ...
Keywords: Computer Graphics, Computer Science, Internet, User Interfaces

12 Interactive Visual Analytics of Databases and Frequent Sets
Carson K.S. Leung, Christopher L. Carmichael, Patrick Johnstone, David Sonny Hung-Cheung Yuen
October 2013 **International Journal of Information Retrieval Research** , Volume 3 Issue 4
Publisher: IGI Global
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

In numerous real-life applications, large databases can be easily generated. Implicitly embedded in these databases is previously unknown and potentially useful knowledge such as frequently occurring sets of items, merchandise, or events. Different algorithms ...
Keywords: Association Rule Mining, Data Management, Data Mining, Data Visualization, Frequent Set Mining, Information Retrieval, Interactive Technologies, Retrieval and Visualization of the Mining Results, Visual Analytics

13 A Visual Framework for Knowledge Discovery on the Web: An Empirical Study of Business Intelligence Exploration
Wingyan Chung, Hsinchun Chen, Jay F. Nunamaker, Jr.
April 2005 **Journal of Management Information Systems** , Volume 21 Issue 4
Publisher: M. E. Sharpe, Inc.
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 35

Information overload often hinders knowledge discovery on the Web. Existing tools lack analysis and visualization capabilities. Search engine displays often overwhelm users with irrelevant information. This research proposes a visual framework for knowledge ...
Keywords: Genetic Algorithm, Key Words And Phrases: Business Intelligence, Knowledge Map, Multidimensional Scaling, Visualization, Web Browsing, Web Community

14 Tweens' characterization of digital technologies
Pedro Quelhas Brito
September 2012 **Computers & Education** , Volume 59 Issue 2
Publisher: Elsevier Science Ltd.
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count:

The tweens are a transitional age group undergoing deep physical and psychological transformations. Based on a thirteen-focus group research design involving 103 students, and applying a tweens-centered approach, the characteristics of SMS, IM, Internet, ...
Keywords: Gender studies, Interactive learning environments, Media in education, Self-evaluation

15 SmartVNC: an effective remote computing solution for smartphones
Cheng-Lin Tsao, Sandeep Kakumanu, Rachupathy Sivakumar
September 2011 **MobiCom '11:** Proceedings of the 17th annual international conference on Mobile computing and

networking

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Full text available: Mp4 (2866715:24 MIN), PDF (1.09 MB)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 89, Downloads (Overall): 904, Citation Count:

While a remote computing solution such as VNC is an effective technology for PC users to access a remote computer, it is not as effective while being used from smartphones. In this paper, we propose techniques to improve remote computing from smartphones ...
Keywords: VNC, remote computing, remote desktop, smart-macros, smartphones

16 TOADS: A Two-Dimensional Open-Ended Architectural Database System
Samuel Madden, Thomas E. von Wiegand

April 2001 **Presence: Teleoperators and Virtual Environments** , Volume 10 Issue 2

Publisher: MIT Press

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 1

The TOADS system is an innovative tool for building interior-space virtual environments (VEs) in two dimensions. Existing VE design tools typically operate in three dimensions, which makes it difficult to manipulate objects on the inherently two-dimensional ...

17 How to carry over historic books into social networks
Heimo Müller, Hermann Maurer

October 2011 **BooksOnline '11:** Proceedings of the 4th ACM workshop on Online books, complementary social media and crowdsourcing

Publisher: ACM Request Permissions

Full text available: PDF (2.35 MB)

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 72, Downloads (Overall): 247, Citation Count: 4

This paper describes how to make use of e-books that look like printed books in a knowledge network. After an overview of digitalization efforts and current digital library initiatives we introduce quality measures for the digitalization process. After ...
Keywords: e-book, human factors

18 A SIP-based web client for HTTP session mobility and multimedia services
Michael Adaveys, Nuno Ventura

May 2010 **Computer Communications** , Volume 33 Issue 8

Publisher: Elsevier Science Publishers B. V.

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 2

This work leverages Session Initiation Protocol (SIP) transportation and mobility mechanism to transfer session data between two Web browsers. In addition, a Web browser can now act as an adaptive User Agent Client to surf the Internet and make voice ...

Keywords: HTTP session mobility, Session Initiation Protocol, Web browser, Web share

19 Pervasive views: area exploration and guidance using extended image media
Jiang Yu Zheng, Xiaolong Wang

November 2005 **MULTIMEDIA '05:** Proceedings of the 13th annual ACM international conference on Multimedia

Publisher: ACM Request Permissions

Full text available: PDF (12.06 MB)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 25, Downloads (Overall): 586, Citation Count: 7

This work achieves full registration of scenes in a large area and creates visual indexes for visualization in a digital city. We explore effective mapping, indexing, and display of scenes so that an area becomes "visible". Users can virtual navigate ...
Keywords: GIS, image media, image streaming, navigation, pervasive computing, route panorama, scene tunnel, visual indexing

20 Optimizing hypervideo navigation using a Markov decision process approach
Romulus Grigoras, Vincent Charvillat, Matthias Douze

December 2002 **MULTIMEDIA '02:** Proceedings of the tenth ACM international conference on Multimedia

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Interaction with hypermedia documents is a required feature for new sophisticated yet flexible multimedia applications. This paper presents an innovative adaptive technique to stream hypervideo that takes into account user behaviour. The objective is ...

Keywords: Markov Decision Process, hypermedia, interaction, navigation, optimization, prefetching, reinforcement learning, simulation, streaming, uncertainty

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Application Number	12941106
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First Named Inventor	Gary Rohrabaugh
Art Unit	2177
Examiner Name	Quoc A. Tran
Attorney Docket Number	161539-0002(P001XC3C)

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	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

	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"), 9 pgs.	☐
	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"), 18 pgs.	☐
	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"), 10 pgs.	☐
	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, 3 pgs.	☐
	8	"Programming the Display PostScript System with NeXTstep," Adobe Systems Incorporated, Addison-Wesley Publishing Co, 1992, 402 pgs.	☐
	9	GERVAE, Nik et al., "Developing Business Applications with OpenStep," Springer-Verlag, New York (1997), 297 pgs.	☐
	10	"Solo 2100 network problem," April 24, 2005, 5 pgs (printed on 4/4/2013), available at http://www.tomshardware.com/forum/13199-2-solo-2100-network.	☐
	11	"3.10 WWW Browser," The NEXTSTEP/OpenStep FAQ, 1 pg. (printed on 4/4/2013), available at http://famkoplien.de/henry/NeXT/NeXTFAQ/NeXTFAQ.038.html.	☐

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	12	"Creating an OPENSTEP Boot CD," Think Simple, Live Simple, September 18, 2010, 4 pgs. (printedon 4/5/2013), available at http://peterwong.net/blog/?p=119].	☐
	13	"NeXTSTEP," Wikipedia, the free encyclopedia, 7 pgs. (printed on 4/4/2013), available at http://en.wikipedia.org/wiki/NeXTSTEP.	☐
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	18	dpsops.h, Adobe Systems Incorporated, 1994, 16 pgs. (printed on 4/5/2013), available at http://slackware.dreamhost.com/slackware/slackware-8.0/live/usr/X11/include/DPS/dpsops.h	☐
	19	"Gateway Support - Solo 2100 Specifications," Gateway Support Documents, 4 pgs. (printed on 4/4/2013).	☐
	20	Amazon.com: Netgear MA401 802.11b Wireless PC Card, 6 pgs. (printed on 4/4/2013).	☐
	21	"Quick Installation Guide: WaveLAN/IEEE Turbo 11 Mb PC Card," Lucent Technologies, September 1999, 220 pgs.	☐
	22	"Netsurfer 2.0 RC2 (Netkit 1.0 RC2)," September 30, 1996, 6 pgs.	☐

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	Attorney Docket Number	161539-0002(P001XC3C)

	23	"4Drawing," NeXTstep Release 3.3, 1995, 80 pgs. (printed on 4/5/2013).	☐
	24	Sloss, Joel, "Run NT on Laptops? Yes, You Can!," March 1, 1997, 12 pgs. (printed on 4/4/2013), available at http://windowsitpro.com/hardware/run-nt-laptops-yes-you-can.	☐
	25	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).	☐
	26	"Netsurfer(tm) for OPENSTEP," Netsurfer(tm) Product Information, January 26, 1997, 1 pg. (pritned on 4/4/2013).	☐
	27	"Netkit(tm) Web Development Platform," Netkit(tm) Product Information, January 26, 1997, 2 pgs. (printed on 4/4/2013).	☐
	28	"Mobile browser," Wikipedia, the free encyclopedia, 7 pgs. (printed on 4/5/2013), available at http://en.wikipedia.org/wiki/Mobile_browser	☐
	29	"Mobile phone," Wikipedia, the free encyclopedia, 13 pgs. (printed on 4/5/2013), available at http://en.wikipedia.org/wiki/Mobile_phones	☐
	30	Press Releases, Weather Underground Press, "The Weather Underground brings weather service to mobile phone users, 2 pgs. (printed on 4/5/2013) available at www.wunderground.com/about/pr/news.asp?date=19970513	☐
	31	MicroTouch, "TouchWare for Windows NT, User's Guide," Document No. 19-217, Version 2.2, MicroTouch Systems, Inc., 1996, 1998, 144 pgs.	☐
	32	Ron Person, "Web Publishing with Word for Windows," Que Pub (June 1995), 30 pgs.	☐
	33	Staffan Bjork et al., "WEST: a Web browser for small terminals," Proceedings of the 12th annual ACM symposium on User interface software and technology, 1999, pp. 187-196.	☐

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	First Named Inventor	Gary Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

	34	Complaint for Patent Infringement filed May 10, 2010 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, 56 pgs.	☐

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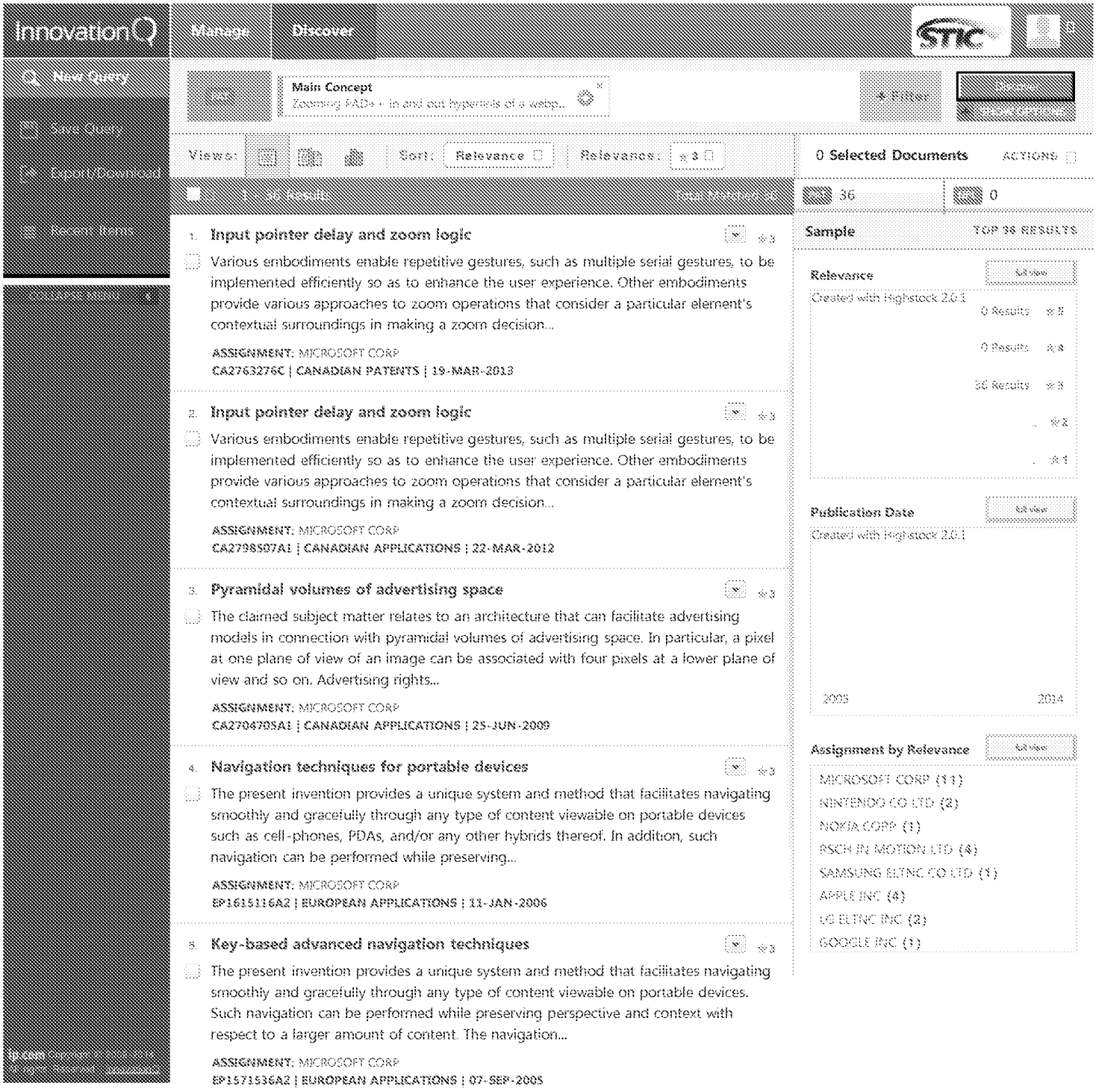
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1. **Input pointer delay and zoom logic**

Various embodiments enable repetitive gestures, such as multiple serial gestures, to be implemented efficiently so as to enhance the user experience. Other embodiments provide various approaches to zoom operations that consider a particular element's contextual surroundings in making a zoom decision...

ASSIGNMENT: MICROSOFT CORP
CA2763276C | CANADIAN PATENTS | 19-MAR-2013

2. **Input pointer delay and zoom logic**

Various embodiments enable repetitive gestures, such as multiple serial gestures, to be implemented efficiently so as to enhance the user experience. Other embodiments provide various approaches to zoom operations that consider a particular element's contextual surroundings in making a zoom decision...

ASSIGNMENT: MICROSOFT CORP
CA2798507A1 | CANADIAN APPLICATIONS | 22-MAR-2012

3. **Pyramidal volumes of advertising space**

The claimed subject matter relates to an architecture that can facilitate advertising models in connection with pyramidal volumes of advertising space. In particular, a pixel at one plane of view of an image can be associated with four pixels at a lower plane of view and so on. Advertising rights...

ASSIGNMENT: MICROSOFT CORP
CA2704705A1 | CANADIAN APPLICATIONS | 25-JUN-2009

4. **Navigation techniques for portable devices**

The present invention provides a unique system and method that facilitates navigating smoothly and gracefully through any type of content viewable on portable devices such as cell-phones, PDAs, and/or any other hybrids thereof. In addition, such navigation can be performed while preserving...

ASSIGNMENT: MICROSOFT CORP
EP1615116A2 | EUROPEAN APPLICATIONS | 11-JAN-2006

5. **Key-based advanced navigation techniques**

The present invention provides a unique system and method that facilitates navigating smoothly and gracefully through any type of content viewable on portable devices. Such navigation can be performed while preserving perspective and context with respect to a larger amount of content. The navigation...

ASSIGNMENT: MICROSOFT CORP
EP1571536A2 | EUROPEAN APPLICATIONS | 07-SEP-2005

6. **Method and device for displaying image**

An information-processing device includes: a display controller that, when a scaling operation for changing a scale of an image to be displayed is not performed, displays in a display the image with a first magnification, and when the operation is performed, displays in the display the image with a...

ASSIGNMENT: NINTENDO CO LTD
EP2610738A2 | EUROPEAN APPLICATIONS | 03-JUL-2013

7. **Responding to the receipt of zoom commands**

Apparatus comprises at least one processor and at least one memory, having stored

thereon computer-readable code, the at least one processor being configured under the control of the computer-readable code to cause primary content to be displayed on a display with a first magnification level, to be...

ASSIGNMENT: NOKIA CORP
CA2816271A1 | CANADIAN APPLICATIONS | 03-MAY-2012

8. **Input pointer delay and zoom logic** ☆3

Various embodiments enable repetitive gestures, such as multiple serial gestures, to be implemented efficiently so as to enhance the user experience. Other embodiments provide various approaches to zoom operations that consider a particular element's contextual surroundings in making a zoom decision...

ASSIGNMENT: MICROSOFT CORP
US8823750 | US PATENTS | 02-SEP-2014

9. **Two-factor rotation input on a touchscreen device** ☆3

An electronic device and method are provided for rotating an object displayed at or by the device. The object may be an entire displayed region of a display screen, such as a window, frame, or other region or subregion, or a block element or other type of content component such as an image or map. A...

ASSIGNMENT: RSCH IN MOTION LTD
CA2806608A1 | CANADIAN APPLICATIONS | 29-AUG-2013

10. **Method and apparatus for adjusting attribute of specific object in web page in electronic device** ☆3

Methods and apparatus are provided for adjusting an attribute of a specific object of a webpage in an electronic device. The webpage is displayed. A first user gesture for selecting the specific object of the webpage is detected. A second user gesture for adjusting the attribute of the specific...

ASSIGNMENT: SAMSUNG ELECTRONICS CO LTD
EP2763021A2 | EUROPEAN APPLICATIONS | 06-AUG-2014

View More Visualizations

11. **Advanced navigation techniques for portable devices** ☆3

The present invention provides a unique system and method that facilitates navigating smoothly and gracefully through any type of content viewable on portable devices such as cell-phones, PDAs, and/or any other hybrids thereof. In addition, such navigation can be performed while preserving...

ASSIGNMENT: MICROSOFT CORP
US7327349 | US PATENTS | 05-FEB-2008

12. **Key-based advanced navigation techniques** ☆3

The present invention provides a unique system and method that facilitates navigating smoothly and gracefully through any type of content viewable on portable devices. Such navigation can be performed while preserving perspective and context with respect to a larger amount of content. The navigation...

ASSIGNMENT: MICROSOFT CORP
US7317449 | US PATENTS | 08-JAN-2008

13. **Multimedia communication device with touch screen responsive to gestures for controlling, manipulating and editing of media files** ☆3

Embodiments of the invention are directed to a system, method, and software for implementing gestures with touch sensitive devices (such as a touch sensitive display) for managing and editing media files on a computing device or system. Specifically, gestural inputs of a human hand over a...

ASSIGNMENT: APPLE INC
EP1942401A1 | EUROPEAN APPLICATIONS | 09-JUL-2008

14. **Multimedia communication device with touch screen responsive to gestures for controlling, manipulating and editing of media files** ☆3

Embodiments of the invention are directed to a system, method, and software for implementing gestures with touch sensitive devices (such as a touch sensitive display) for managing and editing media files on a computing device or system. Specifically,

gestural inputs of a human hand over a...

ASSIGNMENT: APPLE INC
EP2207086A2 | EUROPEAN APPLICATIONS | 14-JUL-2010

15. **Method for displaying data in mobile terminal having touch screen and mobile terminal thereof**

A method of controlling a mobile terminal includes displaying, via a touch screen included on the mobile terminal, predetermined data, receiving, via a controller included on the mobile terminal, a first touch signal generated based on a first touch, generating, via the controller, a display change...

ASSIGNMENT: LG ELTNC INC
EP2328069A2 | EUROPEAN APPLICATIONS | 01-JUN-2011

16. **Method and system for input detection**

Methods and devices for applying at least one manipulative action to a selected content object are disclosed. In one aspect, a head-mounted-device (HMD) system includes at least one processor and data storage with user-interface logic executable by the at least one processor to apply at least one...

ASSIGNMENT: GOOGLE INC
US8866852 | US PATENTS | 21-OCT-2014

17. **Systems, devices, and/Or methods for managing messages**

Certain exemplary embodiments can provide a method comprising automatically rendering a message to a webpage user, the message created by a webpage operator via an automatic merger of a customized message content that corresponds to a message-generator-selected message identifier with a message...

ASSIGNMENT: FUSION CO
CA2712176A1 | CANADIAN APPLICATIONS | 23-JUL-2009

18. **Method for controlling multiple displays**

An information-processing system causes an image to be displayed in display region 101 of a first display and in display region 241 of a second display in either of a first operation mode, in which images Im11 and Im12 are displayed, or a second operation mode, in which image Im11 is displayed in...

ASSIGNMENT: NINTENDO CO LTD
EP2610735A1 | EUROPEAN APPLICATIONS | 03-JUL-2013

19. **Independent hit testing**

In one or more embodiments, a hit test thread which is separate from the main thread, e.g. the user interface thread, is utilized for hit testing on web content. Using a separate thread for hit testing can allow targets to be quickly ascertained. In cases where the appropriate response is handled by...

ASSIGNMENT: MICROSOFT CORP
US8874969 | US PATENTS | 28-OCT-2014

20. **Method for controlling system bar of user equipment, and user equipment**

The embodiment of the present invention provides a method of controlling the system bar of user equipment and the user equipment thereof. The method includes: detecting a display state of the system bar, wherein the system bar is used for indicating system level information or providing system level...

ASSIGNMENT: HUAWEI TECH CO LTD
CA2857709A1 | CANADIAN APPLICATIONS | 23-JAN-2014

21. **Location of a touch-sensitive control method and apparatus**

ASSIGNMENT: BLACKBERRY LTD
EP2431849B1 | EUROPEAN PATENTS | 20-NOV-2013

22. **Input pointer delay**

Various embodiments enable repetitive gestures, such as multiple serial gestures, to be implemented efficiently so as to enhance the user experience. In at least some

embodiments, a first gesture associated with an object is detected. The first gesture is associated with a first action. Responsive...

ASSIGNMENT: MICROSOFT CORP
CA2860508A1 | CANADIAN APPLICATIONS | 11-JUL-2013

23. **Two-factor rotation input on a touchscreen device** ☆3

An electronic device (100) and method are provided for rotating an object displayed at or by the device. The object may be an entire displayed region of a display screen, such as a window, frame, or other region or subregion, or a block element or other type of content component such as an image or...

ASSIGNMENT: BLACKBERRY LTD
EP2634679A1 | EUROPEAN APPLICATIONS | 04-SEP-2013

24. **Apparatus and method for scrolling pages displayed on a handheld device** ☆3

A page flip mechanism and method for a handheld device. According to an embodiment, the page flip mechanism is configured to work in conjunction with a pointing device on the handheld device to flip or advance a document page by page. According to an embodiment, the page flip mechanism is configured...

ASSIGNMENT: RSCH IN MOTION LTD
EP2224317A1 | EUROPEAN APPLICATIONS | 01-SEP-2010

25. **Location of a touch-sensitive control method and apparatus** ☆3

A method includes detecting a touch on a touch-sensitive display at a location not associated with a control, displaying, in association with the location, a displayed control, and activating the displayed control.

ASSIGNMENT: RSCH IN MOTION LTD
EP2431849A1 | EUROPEAN APPLICATIONS | 21-MAR-2012

26. **Navigation input for a handheld electronic device** ☆3

A handheld electronic device that includes a display screen located above a trackball-based user input device is disclosed. At least one sensor is operatively associated with the trackball and configured to sense motion induced in the trackball when the trackball is rotated by substantially circular...

ASSIGNMENT: RSCH IN MOTION LTD
CA2646769A1 | CANADIAN APPLICATIONS | 19-JUN-2009

27. **Event handling in an integrated execution environment** ☆3

Methods, systems, and apparatus, including computer programs encoded on a computer storage medium, are described for handling input received from a common interface of a program and a runtime environment when both the program and the runtime environment are configured to consume the received input....

ASSIGNMENT: ADOBE SYS INC
US8131898 | US PATENTS | 06-MAR-2012

28. **Terminal and menu display method** ☆3

A method, device and computer program product for efficiently displaying multiple menu icons on a display, including a method, device and computer program product for efficiently zooming in and out of a plurality of displayed menu icons.

ASSIGNMENT: LG ELTNC INC
CA2613920A1 | CANADIAN APPLICATIONS | 07-AUG-2008

29. **Object search UI and dragging object results** ☆3

A unique object navigation system, user interface, and method that facilitate faster and smoother navigation of objects are provided. For example, the system can generate a plurality of objects that can be rendered on a display space that spans a single page in length, thereby mitigating the need to...

ASSIGNMENT: MICROSOFT CORP
US8005857 | US PATENTS | 23-AUG-2011

30. **Event handling in an integrated execution environment** ☆3

Methods, systems, and apparatus, including computer programs encoded on a computer storage medium, are described for handling input received from a common interface of a program and a runtime environment when both the program and the runtime environment are configured to consume the received input....

ASSIGNMENT: ADOBE SYS INC
US8275920 | US PATENTS | 25-SEP-2012

31. **Event handling in an integrated execution environment** ☆ 3

Methods, systems, and apparatus, including computer programs encoded on a computer storage medium, are described for handling input received from a common interface of a program and a runtime environment when both the program and the runtime environment are configured to consume the received input....

ASSIGNMENT: ADOBE SYS INC
US8713210 | US PATENTS | 29-APR-2014

32. **Gestures for controlling, manipulating, and editing of media files using touch sensitive devices** ☆ 3

Embodiments of the invention are directed to a system, method, and software for implementing gestures with touch sensitive devices (such as a touch sensitive display) for managing and editing media files on a computing device or system. Specifically, gestural inputs of a human hand over a...

ASSIGNMENT: APPLE INC
US7956847 | US PATENTS | 07-JUN-2011

33. **Two-factor rotation input on a touchscreen device** ☆ 3

An electronic device and method are provided for rotating an object displayed at or by the device. The object may be an entire displayed region of a display screen, such as a window, frame, or other region or subregion, or a block element or other type of content component such as an image or map. A...

ASSIGNMENT: BLACKBERRY LTD
US8854325 | US PATENTS | 07-OCT-2014

34. **Gestures for controlling, manipulating, and editing of media files using touch sensitive devices** ☆ 3

Embodiments of the invention are directed to a system, method, and software for implementing gestures with touch sensitive devices (such as a touch sensitive display) for managing and editing media files on a computing device or system. Specifically, gestural inputs of a human hand over a...

ASSIGNMENT: APPLE INC
US8686962 | US PATENTS | 01-APR-2014

35. **Barcode systems having multiple viewing angles** ☆ 3

Methods and systems are described for communicating encoded information using barcodes. Symbologies that permit linking of two or more barcodes may be used to create animated linked barcodes, in which successive barcodes in the series that encodes a string of information are displayed within a...

ASSIGNMENT: BARCODE GRAPHICS INC
CA2814158A1 | CANADIAN APPLICATIONS | 27-OCT-2013

36. **Resource-adaptive content delivery on client devices** ☆ 3

Techniques are disclosed for serving a webpage based on a zoom level. The techniques include requesting, by a client device, contents of a webpage. The request may include indications of a zoom level and a viewable area of the webpage as shown on a display of the client device. A server system may...

ASSIGNMENT: INTL BUSINESS MACHINES CORP
US20140040721 | US APPLICATIONS | 06-FEB-2014

PTO/SB/08a (01-10)
Approved for use through 07/31/2012. OMB 0651-0031
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(Not for submission under 37 CFR 1.99)

Application Number	12941106
Filing Date	2010-11-08
First Named Inventor	Gary B. Rohrabaugh
Art Unit	2177
Examiner Name	Quoc A. Tran
Attorney Docket Number	161539-0002(P001XC3C)

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	2	6985136	B2	2006-01-10	Enmei	

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	1	IPR2013-00007 Paper 2 Petition for Inter Partes Review of U.S. Patent No. 7,461,353 filed Oct. 2, 2012 (short version)	☐
	2	IPR2013-00007 Paper 3 Petition for Inter Partes Review of U.S. Patent No. 7,461,353 filed Oct. 2, 2012 (long version)	☐
	3	IPR2013-00007 Paper 4 [Amended] Petition for Inter Partes Review of U.S. Patent No. 7,461,353 filed Oct. 5, 2012 (short version)	☐
	4	IPR2013-00007 Paper 6 Motion to Waive Petition Page Limit and [Amended] Petition for Inter Partes Review of U.S. Patent No. 7,461,353 filed Oct. 5, 2012 (long version)	☐
	5	IPR2013-00007 Paper 11 Decision to Institute Inter Partes Review entered March 29, 2013	☐
	6	IPR2013-00007 Paper 25 Patent Owner's Response to Petitioners' Petition for Inter Partes Review of U.S. Patent No. 7,461,353 filed July 19, 2013	☐
	7	IPR2013-00007 Paper 28 Petitioners Consolidated Reply to Patent Owner's Response filed September 23, 2013	☐
	8	IPR2013-00007 Paper 51 Final Written Decision entered March 27, 2014	☐
	9	IPR2013-00004 Paper 1 Petition for Inter Partes Review of U.S. Patent No. 7,831,926 filed Oct. 2, 2012 (short version)	☐
	10	IPR2013-00004 Paper 2 Petition for Inter Partes Review of U.S. Patent No. 7,831,926 filed Oct. 2, 2012 (long version)	☐

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	11	IPR2013-00004 Paper 6 [Amended] Petition for Inter Partes Review of U.S. Patent No. 7,831,926 filed Oct. 5, 2012 (short version)	☐
	12	IPR2013-00004 Paper 7 Motion to Waive Petition Page Limit and [Amended] Petition for Inter Partes Review of U.S. Patent No. 7,831,926 filed Oct. 5, 2012 (long version)	☐
	13	IPR2013-00004 Paper 12 Decision to Institute Inter Partes Review entered March 29, 2013	☐
	14	IPR2013-00004 Paper 25 Patent Owner's Response to Petitioners' Petition for Inter Partes Review of U.S. Patent No. 7,831,926 filed July 19, 2013	☐
	15	IPR2013-00004 Paper 28 Petitioners Consolidated Reply to Patent Owner's Response filed September 23, 2013	☐
	16	IPR2013-00004 Paper 53 Final Written Decision entered March 27, 2014	☐
	17	Declaration of Glenn Reinman in Support of Softview LLC's Opening Claim Construction Brief (PX 1024 - IPR2013-00004/IPR2013-00007)	☐
	18	Reply Declaration of Jack D. Grimes, September 13, 2013 (PX 1038 - IPR2013-00004/IPR2013-00007)	☐
	19	"Watch every Apple iPhone ad from the first 'Hello'," available at http://www.phonearena.com/news/Watch-every-Apple-iPhone-ad-from-the first-Hello-id24213 (PX 1035 - IPR2013-00004/IPR2013-00007)	☐
	20	Apple's iPhone TV Ads: The Complete Campaign - All 89 TBWA spots so far, beginning with the first teaser by Tim Nudd, available at http://www.adweek.com/adfreak/apples-iphone-tv-ads-complete-campaign-138229?page=1 (PX 1036 - IPR2013-00004/IPR2013-00007)	☐
	21	DESCY, Don E., "All Aboard the Internet," TechTrends, January/February 1997, pp. 3-5 (PX 1042 - IPR2013-00004/ IPR2013-00007)	☐

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	22	~~333 Patent Claim Chart (claims 1, 317) - Zaurus/Pad++ (PX 1043 - IPR2013-00004/IPR2013-00007)~~	☐
	23	'926 Patent Claim Chart (claim 30) - Zaurus/Pad++ (PX 1044 - IPR2013-00004/IPR2013-00007)	☐
	24	ROSMANN, Alain, "The AT&T EO Travel Guide," John Wiley & Sons, Inc., 1993, (PX 1046 - IPR2013-00004/ IPR2013-00007)	☐
	25	Declaration of Richard J. Lutz, Ph.D., Sept. 17, 2013 (PX 1049 - IPR2013-00004/IPR2013-00007)	☐
	26	Supplemental Reply Declaration of Jack D. Grimes, Ph.D., Oct. 14 2013 (PX 1052 - IPR2013-00004/IPR2013-00007)	☐
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	1	Order (claim construction), Softview v. Apple Inc. et al., Case 1:10-cv-00389-LPS, Document 1104, September 4, 2013 (6 pages).	☐
	2	Memorandum Opinion, Softview v. Apple Inc. et al., Case 1:10-cv-00389-LPS, Document 1103, September 4, 2013 (27 pages).	☐

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Hand-held with auto-**zoom** for graphical display of Web page
J Van Ee - US Patent 6,466,203, 2002 - Google Patents
... of the display area into, say, four areas that each can be selected for the **zooming**-in. **...** For example, an image of the original page gradually develops in the **zoomed** in version of the **...** 1998, Apr 3, 2001, Sung M. Choi, Graphical user interface touch screen with an auto **zoom** feature. **...**
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Electronic program guide with **hyperlinks** to target resources
DS Byrne, F Lawler, JH Matthews III... - US Patent ..., 2000 - Google Patents
... contains formatting instructions in the form of **HTML** markup codes or "tags." Tags tell Web browsers how to render and print **documents**, and are also used to specify **hyperlinks**. The following is a simple example of a portion of an **HTML document** containing a single **hyperlink**: **...**
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The Hyper-G network information system
K Andrews, F Kappe, H Maurer - J. UCS The Journal of Universal ..., 1996 - Springer
... Operations such as **zooming** and panning are available **...** up the path to it), regardless of whether the object was reached as the result of a search, by following a **hyperlink**, or via **...** walk, fly, fly to, heads-up) and view a model of an object by moving the model (translate, rotate, **zoom**). **...**
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Pad++: A zoomable graphical sketchpad for exploring alternate interface physics
BB Bederson, JD Hollan, K Perlin, J Meyer... - Journal of Visual ..., 1996 - Elsevier
... Thus, you can pan and **zoom** within a portal. In fact, you can perform any kind of interaction through a portal. **...** Further **zooming** on a particular year shows events which took place during that year. Figure 7 shows a sequence of snapshots as the view is **zoomed** in. **...**
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Dynamic generation of contextual links in hypertext **documents**
DM Horowitz, EF Rennison, JW Ruffles... - US Patent ..., 2000 - Google Patents
... May 26, 1995, Jan 13, 1998, Iconovex Corporation, Automatic summary page creation and **hyperlink** generation. **...** US6862710 *, Mar 22, 2000, Mar 1, 2005, Insightful Corporation, Internet navigation using soft **hyperlinks**. **...** US6983282, Mar 30, 2001, Jan 3, 2006, **Zoom** Information, Inc **...**
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System for generating a virtual reality scene in response to a database search
M De Hond - US Patent 5,737,533, 1998 - Google Patents
... user can navigate by looking up, looking down, turning around, **zooming** in, or **zooming** out **...** pages typically include text, and references to graphics files on the servers, as well as **hyperlinks**. **...** If these special words or graphics are clicked on with a mouse, a **hyperlink** prescribed in **...**
Cited by 107 Related articles All 3 versions Cite Save

Digital library resources as a basis for collaborative work
R Wilensky - Journal of the American Society for Information ..., 2000 - Wiley Online Library
... Behaviors are currently fixed in the application, ie, the application allows panning, **zooming**, issuing queries about the data **...** Note that we have also **zoomed** in considerably **...** Note that in addition to changing the pan and **zoom**, previous layers have been turned off, and new layers **...**
Cited by 48 Related articles All 11 versions Cite Save

System for generating graphics in response to a database search
M De Hond - US Patent 6,002,853, 1999 - Google Patents
... user can navigate by looking up, looking down, turning around, **zooming** in, or **zooming** out **...** pages typically include text, and references to graphics files on the servers, as well as **hyperlinks**. **...** If these special words or graphics are clicked on with a mouse, a **hyperlink** prescribed in **...**
Cited by 57 Related articles All 3 versions Cite Save

Method and system for using a **hyperlink**, banner, or graphical icon to initiate the overlaying of an object on a window
S Kotay, D Paperny - US Patent 7,559,034, 2009 - Google Patents
... Users often don't respond to banner advertisements or to **hyperlinks** (also known as "hypertext links **...** for example, a user initiated event such as a click event on a **hyperlink**, banner, or **...** such as, for example, continually resizing and displaying a layer to achieve a **zoom**-in transition **...**
Cited by 26 Related articles All 2 versions Cite Save

WebAlchemist: a web transcoding system for mobile web access in handheld devices

Y Whang, C Jung, J Kim... - ... of IT and ..., 2001 - proceedings.spiedigitallibrary.org
... Furthermore, the locally **zooming** capability is also inadequate for the CNN web page, because it is **...** web **document** and first sentence of the text block is converted to a **hyperlink** that points **...** The Bookends policy means that all images are replaced by **hyperlinks** except for the first **...**
Cited by 33 Related articles All 6 versions Cite Save

Notice of References Cited	Application/Control No. 12/941,106	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-2002/0018072	02-2002	Chui, Charles K.	345/667
*	B	US-6,353,448 B1	03-2002	Scarborough et al.	715/744
	C	US-			
	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	
	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.

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12941106	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	4/7/2012	QT
715	234, 705, 800-825	4/7/2012	QT
Updated	Updated	3/10/2013	QT
715	760, 762, 764, 767, 781, 788, 796 and 800-802	12/1/2014	QT

SEARCH NOTES		
Search Notes	Date	Examiner
EAST (USPAT, USPGPUB, JPO, USOCR, FPRS, EPO, DERWENT & IBM_TDB)	4/7/2012	QT
Inventors Searched Conducted- Considered Double Patent Rejection	4/7/2012	QT
NPL Search (Google Scholar Digital Library)	4/7/2012	QT
Text Search 715/249, 234, 708 and 800-825	4/7/2012	QT
Updated	3/10/2013	QT
Updated EAST (USPAT, USPGPUB, JPO, USOCR, FPRS, EPO, DERWENT & IBM_TDB)	12/1/2014	QT
Text Search Class 715/ 760, 762, 764, 767, 781, 788, 796 and 800-802	12/1/2014	QT
NPL Search (Google Scholar, ACM and IP.COM Digital Library)	12/1/2014	

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

	/QUOC A TRAN/ Primary Examiner.Art Unit 2177

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12941106	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	04/07/2012	03/10/2013	12/01/2014						
	1	✓	✓	✓						
	2	✓	✓	✓						
	3	✓	✓	✓						
	4	✓	✓	✓						
	5	✓	✓	✓						
	6	✓	✓	-						
	7	✓	✓	✓						
	8	✓	✓	✓						
	9	✓	✓	✓						
	10	✓	✓	-						
	11	✓	✓	✓						
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	27			✓						
	28			✓						
	29			✓						

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	22	(US-20070234195-$ or US-20110231782-$).did. or (US-6674445-$ or US-6337693-$ or US-6449639-$ or US-6281874-$ or US-6700589-$ or US-6556217-$ or US-7747782-$ or US-6353448-$ or US-6565609-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 13:47
L2	3	"20020018072".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 13:47
L3	1	(US-20020018072-$).did.	US-PGPUB	OR	ON	2014/12/01 13:47
L4	0	2 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 13:47
L5	0	2 & (style near sheet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 13:48
L6	5	1 & ((style near sheet) CSS)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 13:48
L7	25	softview.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 14:37
L8	9	7 & form and column	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2014/12/01 14:37

12/ 1/ 2014 2:38:47 PM

REMARKS

Claims 1-5, 7-9, 11 and 15-29 were previously pending. Applicant respectfully requests reconsideration of the instant application in view of the foregoing amendments and/or the following remarks. By this Amendment/Response, claims 19-20 and 25 have been canceled without prejudice or disclaimer, new claims 30-32 have been added, and claims 1, 5, 8, 9, 11, 16, 18, 21, 24, and 26 have been amended. Applicant submits that support for the new and amended claims may be found throughout the originally filed specification, drawings and claims, and that no new matter has been added by way of the instant Amendment/Response. Applicant maintains that the original claims are in condition for allowance and explicitly reserves the right to add or pursue those claims at a later time and/or in one or more continuation and/or divisional applications. Claims 1-5, 7-9, 11, 15-18, 21-24, and 26-32 are currently pending.

Information Disclosure Statement

The Examiner indicated that several non-patent references submitted with an information disclosure statement dated April 14, 2014 were not considered because the relevant pages of the references were not specified. Applicant notes that those non-patent references relate to the *inter partes* review ("IPR") proceedings of related patents U.S. No. 7,461,353 and U.S. No. 7,831,926 before the Patent Trial and Appeal Board. Applicant will resubmit those references with citations to the relevant pages in an IDS. Applicant will also include in the IDS briefs submitted to the federal circuit related to the appeals of the aforementioned IPR proceedings.

Resolution of Related Patents Before the PTAB

In October 2012, Kyocera Corporation submitted petitions for *inter partes* review of related U.S. Patent No. 7,831,926 (the "'926 patent"), assigned Case No. IPR2013-00004, and U.S. Patent No. 7,461,353 (the "'353 patent"), assigned Case No. IPR2013-00007. In April 2013, Motorola Mobility LLC filed similar *inter partes* petitions for the '926 patent (assigned Case No. IPR2013-00257) and '353 patent (assigned Case No. IPR2013-00256), along with motions for joinder. In June 2013, the Patent Trial and Appeal Board ("PTAB") granted the joinder motions and merged the *inter partes* review proceedings of the '926 patent in Case No. IPR2013-00004 and merged the *inter partes* review proceedings of the '353 patent in Case No. IPR2013-00007. On March 27, 2014, the PTAB issued a final written decision in IPR2013-00004, holding claims 30, 31, 40, 41, 43, 52, 55, 59, 72, and 75 of the '926 patent as unpatentable, and issued a final written decision in IPR2013-00007 holding claims 1, 33, 36, 43, 48, 51, 52, 58, 59, 66, 118, 138, 139, 149, 183, 252, 283, and 317 of the '353 patent unpatentable. On February 9, 2015, the U.S. Court of Appeals for the Federal Circuit affirmed the PTAB's holding in both IPR2013-00004 and IPR2013-00007.

Discussion of Web Page Rendering

The figure below (labeled FIG. 1) shows an exemplary infrastructure comprising components for facilitating access to and delivery of Web pages. Web page content (i.e., Web content) is served by servers that are accessed via the Internet, also referred to as the World Wide Web (WWW). Accordingly, these servers are referred to as Web servers, or HTTP (Hypertext Transport Protocol) servers, as they serve content of various types using the HTTP protocol (or the HTTPS protocol). FIG. 1 shows a pair of exemplary Web servers, including a New York Times (NYT) Web server and an Advertisement (ADV) Web server. To access WWW Web servers, users use client devices that are

communicatively coupled to the Internet through applicable network infrastructure. In the desktop environment, desktop clients, such as personal computers and workstations, may be coupled to a Local Area Network (LAN) via an Ethernet link to a LAN host device. (It is noted that some desktop clients may wirelessly connect to a Wireless LAN (WLAN), in a manner similar to that discussed below for wireless clients.)

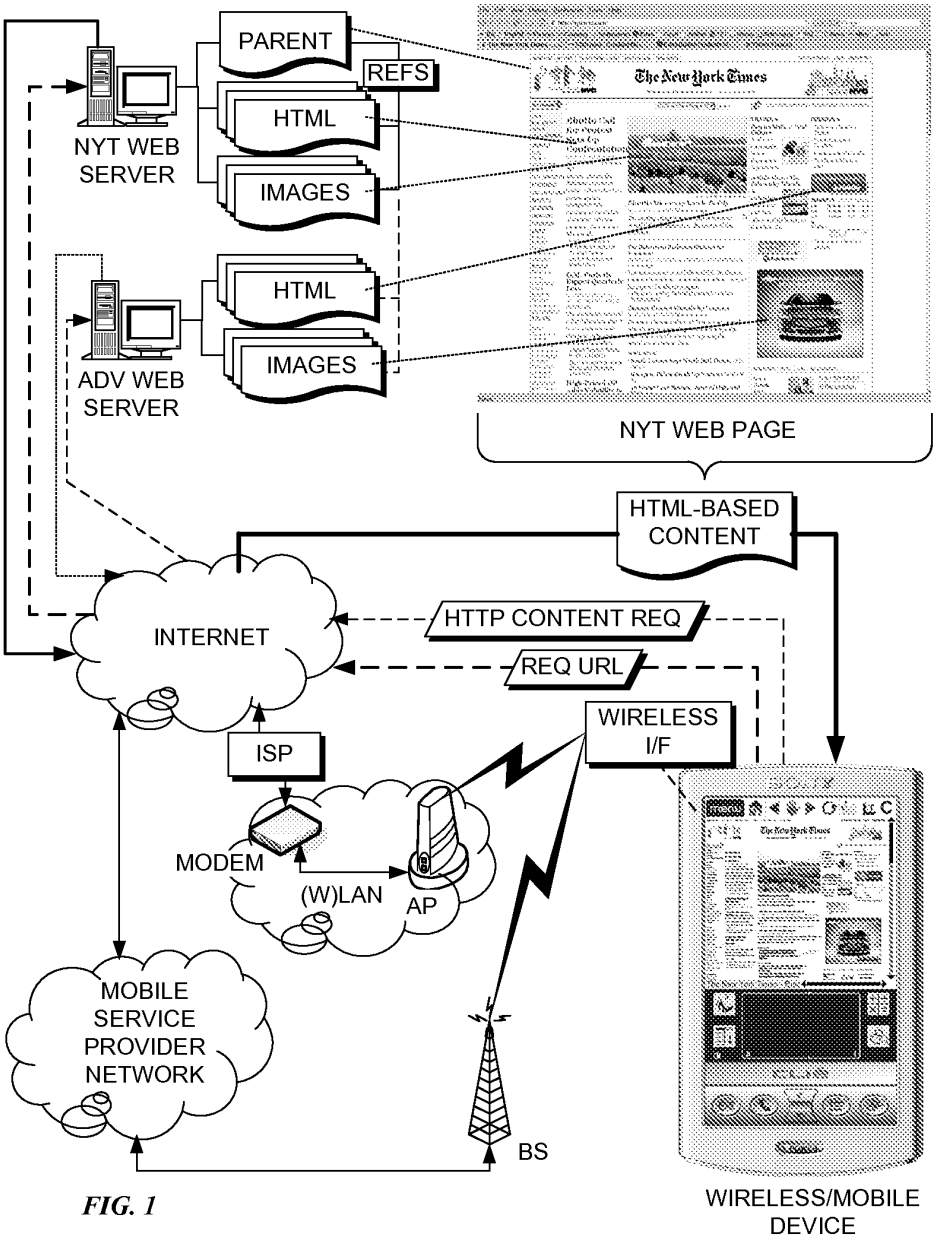


FIG. 1

The LAN, in turn may be connected to the Internet via network infrastructure provided by an Internet Service Provider (ISP). Connection between the LAN and the ISP may be provided by some type of Modem (e.g., Cable or xDSL Modem) or dedicated hardware (for larger customers, such as businesses). Wireless and mobile devices may connect to the Internet, for example, in one of the

manners illustrated in FIG. 1. By way of example but not limitation, wireless access to the Internet may be provided via a mobile service provider, or via other types of wireless connections, such as via WiFi (IEEE 802.11) connection, for example.

Now that the infrastructure of FIG. 1 has been described, we proceed with discussion of retrieving and processing the Web page content such that the Web page can be accessed via a wireless/mobile device. In the illustrated example, the process is initiated by a user desiring to access the New York Times (i.e., an electronic version of the New York Times published to the Internet on a given day). This is facilitated by a browser in accordance with teaching of the present application running on the wireless/mobile device. The New York Times may be accessed via the Internet by, for example, downloading corresponding Web pages from the NYT Web server. The New York Times home page may be accessed by entering the Universal Resource Locator ("URL") www.nytimes.com via the browser's user interface.

As discussed above and in further detail in the present specification, Web pages comprise HTML-based content which may be stored in one or more documents sometimes referred to as HTML documents. In addition, Web pages may include dynamically-generated content. Each Web page may have a corresponding main or "parent" HTML document that includes HTML code defining the Web page content layout, at least at some level. The parent HTML document may reference other HTML documents, as well as other content (such as image content) that further define the layout of content contained in the referenced documents. This may proceed, for example, in a hierarchical or nested fashion.

To access the Web page, the browser may initiate an HTTP connection with the Web server hosting the Web page, and begin downloading the parent HTML document. Depending on how the

Web server and/or Web page is configured, additional content (e.g., beyond that included in the parent HTML document but referenced by the parent HTML document) may be retrieved by the Web page host server and then downloaded to the requesting client device, or a portion of this content may be downloaded by the client device via a separate connection. Content that is hosted by a Web server or Web site may be assembled by the Web server and downloaded to the client device. On the other hand, externally-referenced content (that is, content that is not stored on the Web server or Web site), may be left to the client device (i.e., the browser) to retrieve.

An example New York Times home page (dated November 7, 2007, 2:22PM ET), as rendered by the Mozilla Firefox browser running on a desktop or laptop computer, is shown at the upper right-hand portion of FIG. 1. The same Web page is shown rendered on a software emulation of a Sony Clié using a SoftView™ browser at the lower right-hand portion of FIG. 1. Notably, the same HTML-based content defining the page layout, functionality, and design of the Web page content is downloaded by each of the Mozilla Firefox and SoftView™ browsers. Moreover, the same HTML-based content would be retrieved by other desktop browsers, such as Microsoft Internet Explorer, Apple Safari, and Google Chrome browsers, to render the New York Times home page.

As discussed above, the parent HTML document typically includes HTML code to define the overall layout of the Web page and its content. For example, the HTML code defines whether the Web page includes frames, where those frames are located on the rendered page, and/or the like. Various content displayed on the Web page may be stored in the parent HTML document and/or one or more other HTML documents referenced by the parent HTML document. If the content is to be rendered in a frame referenced by the parent HTML document but whose content is not defined within the parent HTML document, the actual reference to the HTML document storing the content may be in the document defined by the frame reference. For example, for illustrated purposes, the content in the

column with the heading "Bhutto Call for Protest Sets Up Confrontation" is depicted to be stored in an HTML document that is hosted by the NYT Web server, but is separate from the parent HTML document.

Likewise, image content may be stored separately from the Parent HTML document. This may be done, for example, since images, which often contain a large amount of data due to the nature of image data, may require significant download time, especially over a slow connection. By putting image content in one or more separate documents, the basic page layout and text content can be rendered much faster. HTML code defining the page layout location of an image on the page may be used to place an image "placeholder" or other indicia on the screen prior to rendering of the image.

As discussed above, various portions of the Web page content may be stored on Web servers that are external to the Web page host server, e.g., for advertisement content. Rather than have the advertisement content stored locally on each Web server, the advertiser may use an advertisement host site to store and serve the advertisement content. For example, in FIG. 1, image data for rendering the "All New Chevy Malibu" advertisement is depicted as being stored in an image document on the Advertisement Web server.

Externally referenced advertisement content may be downloaded by the browser directly from the advertisement content host site, rather than from the Web page host site. The network location of the advertisement content host server may be identified by parsing the retrieved HTML-based content, and an HTTP GET request may be used to download the associated advertisement content from its host server.

Some Web pages may include "embedded" content hosted by an external site. For example, the New York Times Web page includes embedded content provided by Fidelity. Such embedded

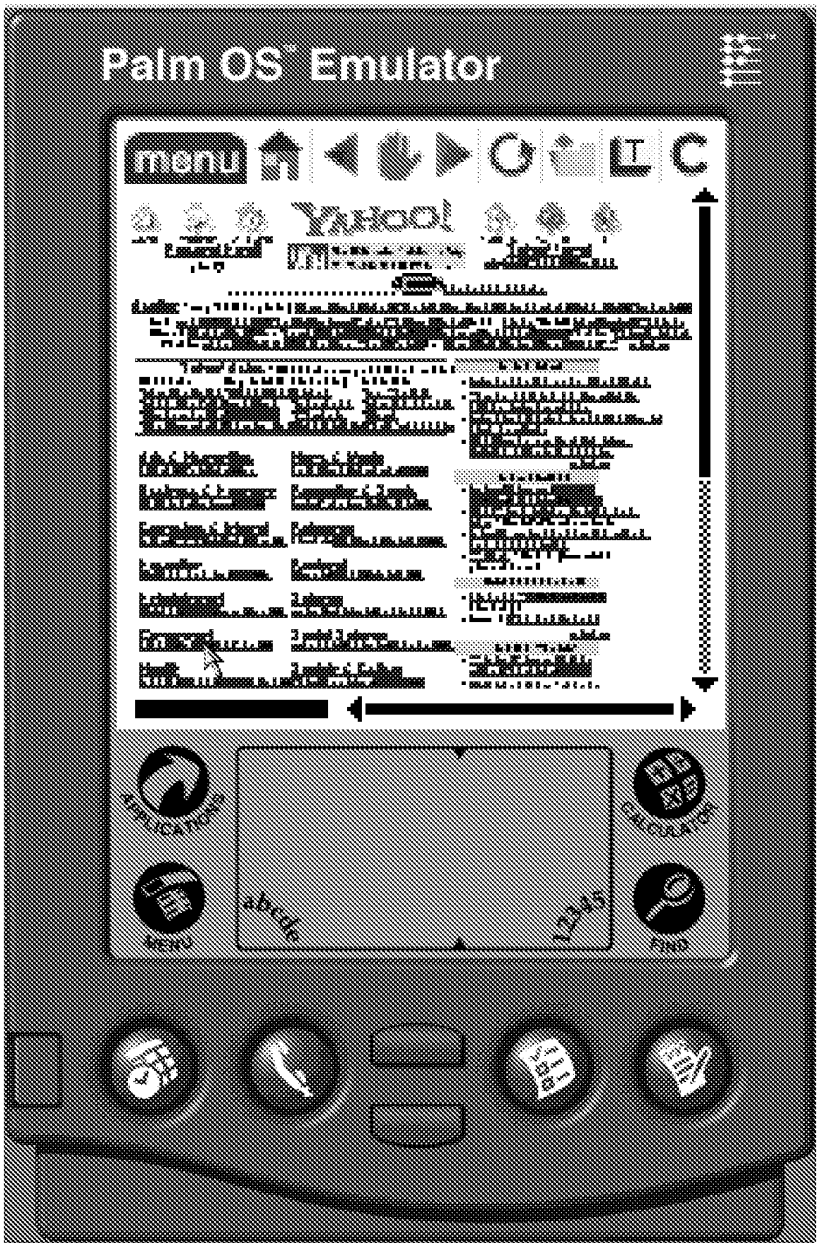
content may be dynamic in nature (that is, may change over time or differ depending on identification of the target user). Generally, embedded content may be retrieved by the browser from an external host site (e.g., advertisement Web server depicted in FIG. 1), or such content may be first retrieved by the Web page host site and served to the browser.

Preserving the original page layout, functionality, and design

The HTML code in the HTML-based content for a Web page defines the layout of the page, the design attributes for the page's display content, and the functionality for interactive page elements such as hyperlinks and forms. A Web page designer (*aka* Webmaster) may design how a Web page is to appear and function using page design tools such as Microsoft's FrontPage®, Macromedia's Deamweaver®, and Adobe System's Pagemill®. Each tool allows the Web page designer to graphically lay out page content, associate attributes with the content (e.g., font types, sizes, and colors; line widths and colors, *etc.*), and generate corresponding HTML content that is configured such that the page appears similar or identical to the design when rendered on an HTML-compliant commercial desktop browser. In addition, various aspects of some Web pages may be hand-coded (or a page could be entirely hand-coded), and pages such as www.nytimes.com are designed using a custom application that employs customized templates.

As Examiner Tran may recall, the preservation of "the original page layout, functionality, and design" language was originally introduced in an amendment of a related application (eventually issuing as U.S. Patent 7,461,353) filed on January 28, 2005. During an Examiner Interview held on May 5, 2008, inventor Gary Rohrabaugh presented a marketing video of the ClearView browser from 2001 which includes the language, "ClearView has the unique ability to visit the vast majority of web content, while preserving its layout, functionality, and design." The video is currently available at

http://softview.us/cv160x160.avi. Screenshots of the video showing the ClearView browser running on a Palm IIIC emulator and displaying the Yahoo home page are shown below.



www.yahoo.com, fit-to-width page view

3311785



www.yahoo.com, view zoomed on right-hand column

After presentation of the video, Primary Examiner Rachna Desai indicated that the pending claims should be amended to include similar language. The pending claims were amended to include the similar language, and the application leading to the‘353 patent was subsequently allowed.

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Certain claims of the '353 patent and a related family member U.S. Patent 7,831,926 relating to preservation of "the original page layout, functionality, and design" were held invalid in final written decisions of *inter partes* reviews of the '353 patent (Case No. IPR2013-00007) and '926 patent (Case No. IPR2013-00004), dated March 27, 2014, which were affirmed by the U.S. Court of Appeals for the Federal Circuit. In particular, the PTAB stated:

> Therefore, we construe the "preservation limitation" to mean maintains the features of the web page's capabilities and appearances ***in a manner consistent with the translated portion of HTML code defining those capabilities and appearances***.

IPR2013-00004 ('926 patent), Paper No. 53, at 13; IPR2013-00007 ('353 patent), Paper No. 51, at 8-9 (emphasis added). Under the PTAB's construction, only a portion of a Web page's HTML-based content *after* it was translated needs to be preserved.

The point of discussing the IPR proceedings here is to clarify that the intended scope of the present claims requires preservation of the original page layout, functionality and design of the Web page (including the at least one form and multiple columns) as defined by the ***Web page's HTML-based content*** relative to how the (original) page layout, functionality and design of the Web page is rendered by a commercially available desktop browser, not just a portion of the HTML-based content that might be translated.

Claim Rejections - 35 U.S.C. § 103

Claims 1-5, 7-9, 11, 15-16, 21-26 and 29 have been rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over Bederson et al., ("A Zooming Web Browser," dated 11/05/1996) (hereinafter, "Bederson") in view of Chui, U.S. Patent Publication No. 2002/0018027 (hereinafter, "Chui"); and claims 17-20 and 27-28 are rejected under 35 U.S.C. § 103(a) as allegedly being

unpatentable over Bederson in view of Chui and in further view of Scarborough et al., U.S. 6,353,448 (hereinafter, "Scarborough").

As set forth in M.P.E.P. §§2142-2143.03, in order to establish a prima facie case of obviousness, patent examiners are required to establish three criteria: (1) there must be some suggestion or motivation, either in the references themselves or in the knowledge generally available to one of ordinary skill in the art, to modify the reference or to combine reference teachings; (2) there must be a reasonable expectation of success; and (3) the prior art reference, or combination of references, must teach or suggest all the claim limitations. The examiner bears the initial burden of factually supporting any prima facie conclusion of obviousness. To make a proper obviousness determination, the examiner must "step backward in time and into the shoes worn by the hypothetical 'person of ordinary skill in the art' when the invention was unknown and just before it was made." In view of the available factual information, the examiner must make a determination as to whether the claimed invention "as a whole" would have been obvious at that time to a person of ordinary skill in the art. Importantly, a rejection based on these criteria must be based on what is taught in the prior art, not the applicant's disclosure. The applicant's disclosure may not be used as a blueprint from which to construct an obviousness rejection.

Applicant respectfully traverses these rejections and submits that a *prima facie* showing of obviousness has not been established, and that the applied references, taken both individually and in combination, fail to discuss or render obvious every element of each pending claim. The Examiner has combined features and/or functionality from multiple references that could not be combined by a person having ordinary skill in the art (or "PHOSITA") to practice the claimed invention, nor is there any motivation within the references to combine them in the manner alleged by the Examiner. In

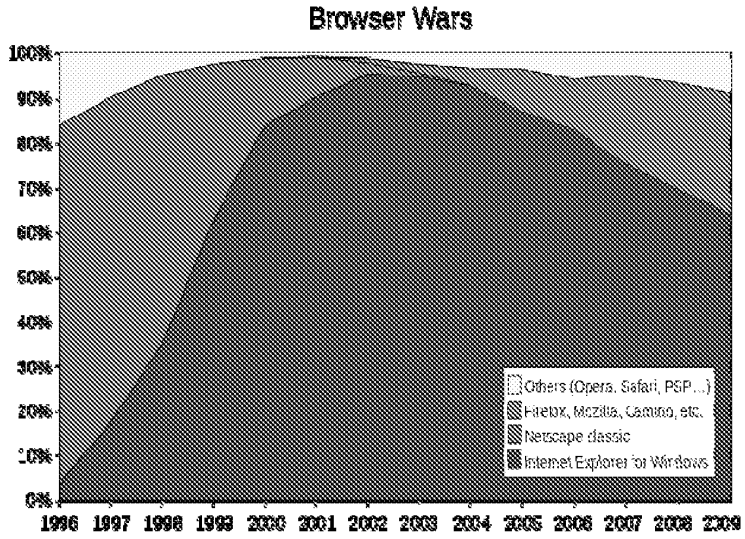
addition, the combination of references clearly do not teach or fairly suggest all of the claim elements of any of the claims.

Embodiments of the present invention are directed to an apparatus and method that provides users with a similar browsing experience on, for example, a small, mobile device as they would have when viewing the same web content on a desktop browser, such as Internet Explorer. As the specification of the present application states:

> 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.

Application No. 09/878,097 ("'097 App.") ¶ 0006.

Around the time of the present invention, substantially all Web pages were designed to be browsed (i.e., viewed and interacted with) on one of two families of desktop browsers – Internet Explorer and Netscape Navigator. For example, during the 2000-2001 timeframe, the market share for Internet Explorer and Netscape Navigator was approximately 99%. See, e.g., http://en.wikipedia.org/wiki/Browser_wars.



The listed inventors of the instant patent application recognized: "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." '097 App. ¶ 0006. They therefore sought, for example, to facilitate displaying Internet content (designed for desktop computers) on a small mobile device. This allowed users to have a similar browsing experience on the small mobile device as they would have on a desktop computer. Figure 7A of the '097 App., reproduced below, shows the popular Yahoo web page on a Palm IIIc color PDA.

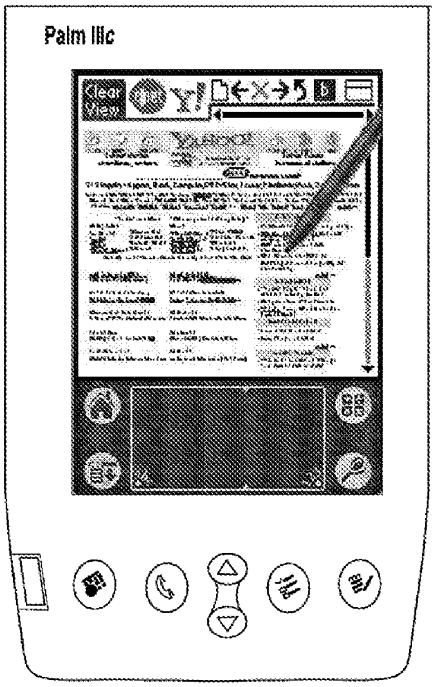


FIG. 7A

Bederson, on the other hand, is directed at solving a completely different problem. Bederson discloses a prototype browser called Pad++, which was a research project and not released commercially. Instead of commercial web browsers, which replace a current web page with a new web page when browsing from one page to the next, Pad++ was a tree browser that graphically depicted multiple web pages traversed by a user. Central to Pad++ was its use of a "large information surface" on a large display. "We are developing a prototype zooming browser to explore alternative mechanisms for navigating the WWW. Instead of having a single page visible at a time, multiple pages and the links between them are depicted on a **large zoomable information surface**." Bederson, at 1. Below is a screen shot of Pad++'s tree browser.

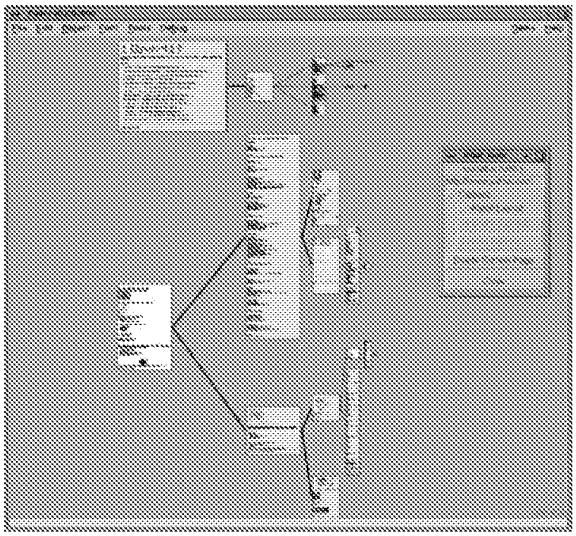


Figure 1: Snapshot of Pad++ Web Browser.

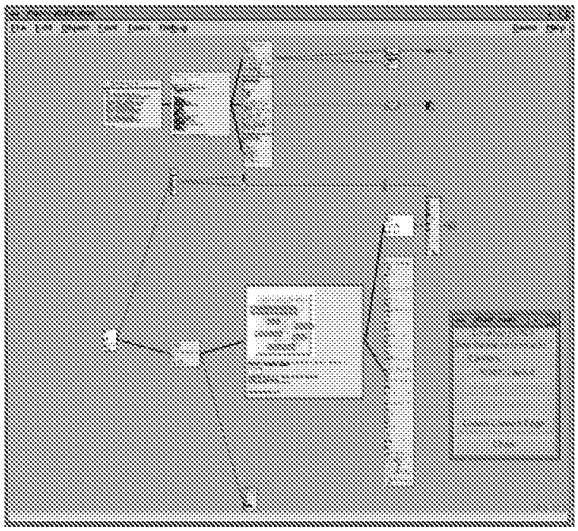


Figure 2: Another view of same web pages.

Bederson, at 3. Clicking on a new link brings up a new page, adds it to the tree, and resizes and restructures the web pages. "Unlike other web browsers that immediately replace the current page with a new page, the restructuring process is animated so that users can understand how the tree is being reorganized. The animation helps maintain object constancy and the graphical depiction of links highlights relationships between pages." Bederson, at 3.

In support of the rejection of claim 1, the Examiner states:

> (Bederson provides Padd++ "Zooming Web Browser", where a dynamic object can be placed at any position and at any scale. Padd++ allows the user to **Zoom in and out and control how much context is viewed at any time**; moreover the user interact with Padd++ in much the same manner as traditional browser [see Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole].
>
> Also Bederson provides browser supports multiscale representations of existing HTML pages [original page] where "Multi-Scale Markup Language (MSML)" and Padd++ "Zooming Web Browser", where a dynamic object can be placed at any position and at any scale. Padd++ allows the user to Zoom in and out and control how much context is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser; wherein Pad++ supports **panning and zooming**;
>
> Zooming can involve simple **geometric scaling**, or **context sensitive rendering**, in which **rendering of objects can vary based on factors in addition to scale**, such as

> context of the task or complexity of the information being displayed. [See Pg. 1-9 and particular Pg. 3 bottom half right column through Pg. 4 whole.

Office Action, at 9 (emphasis in original).

The Examiner cites the Multi-scale Markup Language (MSML) feature disclosed in Bederson for satisfying many of claim limitations including the "preserving…" limitations of the claims. Office Action, at 5-9. This is erroneous. The Multi-scale aspects disclosed in Pad++ relating to MSML have nothing to do with rendering HTML, and in fact teach away from preserving original page layout, functionality, and design of a Web page. Rather, MSML allows different graphics to be associated with a common object, wherein a selected graphic from among the different graphics is displayed depending on the context of a current view. For example, Figures 5-7 of Bederson, reproduced below, and the accompanying text show that as a user selects to zoom-in on an object (in this case, the New Mexico map), *different* graphic objects are used at each zoom level, rather than scaling a common graphic object. This supports semantic zooming, as described in Bederson. "Zooming can involve simple geometric scaling or what we term *semantic zooming*, in which rendering of objects can vary based on factors in addition to scale, such as context of the task or complexity of the information being displayed." Bederson, at 3 (emphasis in original.). Bederson explicitly notes that MSML is ignored by HTML-based browsers. "MSML introduces a method to control the size of all types of objects, including images and graphics. We have used this, for example, to create a multiscale hierarchical outline (see Figure 4). All MSML extensions are written using special Meta-tag keys. ***This approach makes it clear that the included code is an extension and allows it to simply be ignored by standard HTML-based web browsers."*** Bederson, at 5 (emphasis added).

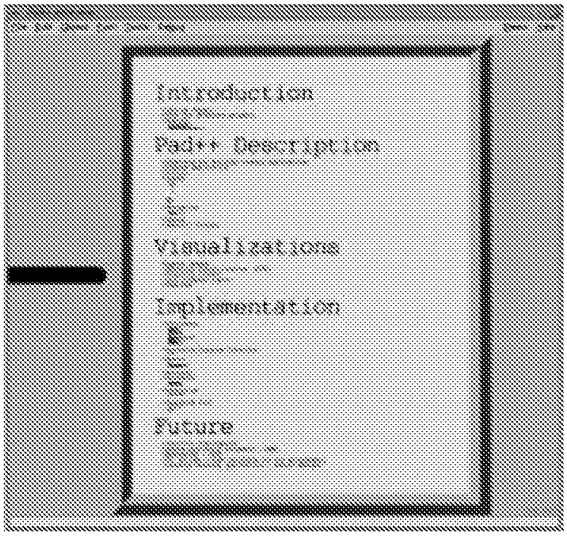


Figure 4: Outline using MSML Scale Tag.

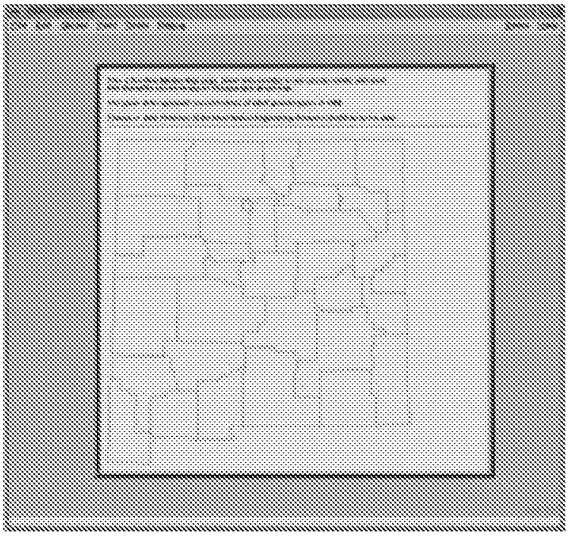


Figure 5: New Mexico county data.

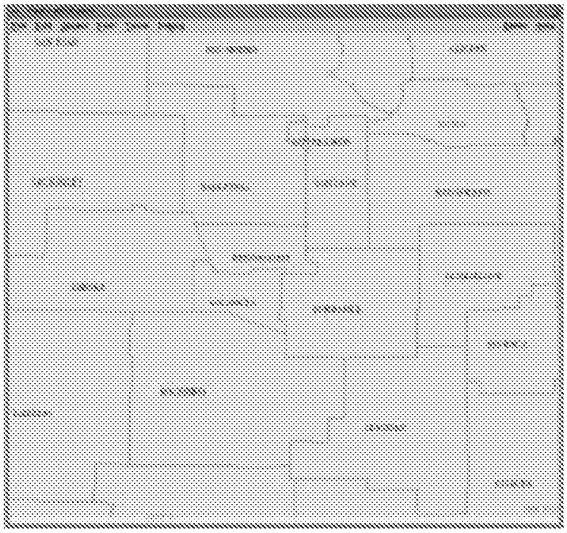


Figure 6: NM zoomed into county names.

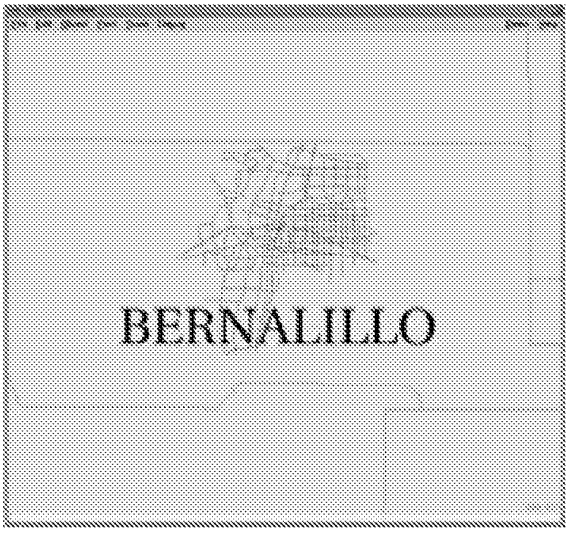


Figure 7: NM zoomed into Albuquerque.

It is clear from above example that as the user zooms in, the MSML content that is displayed ***changes*** with the zoom level. "Another example use of MSML involves inclusion of a multiscale state map on a web home page. As the view is zoomed in, first counties, then cities, and then street maps of cities are shown." Bederson, at 5-6. This is ***clearly not*** preserving an original page layout, functionality, and design of content, and thus teaches away from this claim element.

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Throughout the Office Action, the Examiner states: "[T]he user interact with Padd++ (sic) in much the same manner as traditional browser; wherein Pad++ supports panning and Zooming." Office Action, at 5, 7-9, etc. Applicant respectfully disagrees. Bederson himself characterizes his prototype Pad++ browser as providing a much different browsing experience than traditional browsers.

> We are developing a prototype zooming browser to explore ***alternative mechanisms for navigating the WWW***. Instead of having a single page visible at a time, multiple pages and the links between them are depicted on a large zoomable information surface. Pages are scaled so that the page in focus is clearly readable with connected pages shown at smaller scales to provide context. As a link is followed the new page becomes the focus and existing pages are dynamically repositioned and scaled. Layout changes are animated so that the focus page moves smoothly to the center of the display surface while contextual information provided by linked pages scales down.

Bederson, at 1; see also Bederson at 3 ("Clicking on a link brings up a new page, adds it to the tree of pages, and causes the tree to restructure itself. Bederson's tree browser is depicted in Figures 1 and 2, reproduced below. Unlike other web browsers that immediately replace the current page with a new page, the restructuring process is animated so that users can understand how the tree is being reorganized."). The tests below show that the prototype Pad++ browser was a very poor browser and could not handle many of the HTML functions (including very basic HTML functions) implemented on web pages accessible via the Internet. This is further evidenced by the detailed declaration of Glenn Reinman, Ph.D. ¶¶ 25-34, dated July 19, 2013, submitted in the present application with an Information Disclosure Statement submitted on April 14, 2014, and will be resubmitted herewith in the IDS. One could not replace a traditional browser (e.g., Internet Explorer) with the Pad++ browser, surf the web, and have a similar browsing experience.

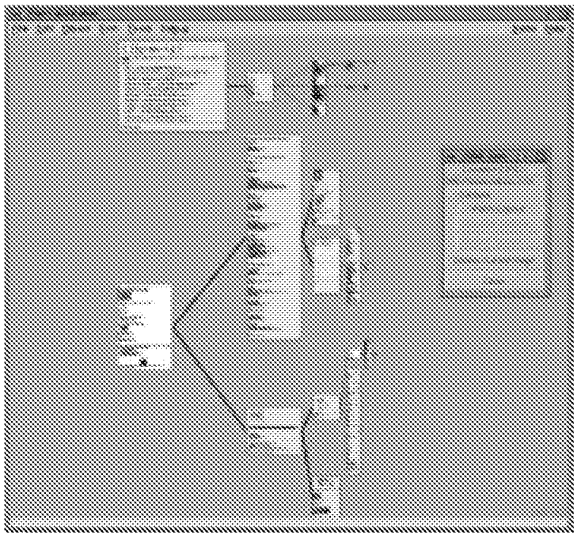


Figure 1: Snapshot of Pad++ Web Browser.

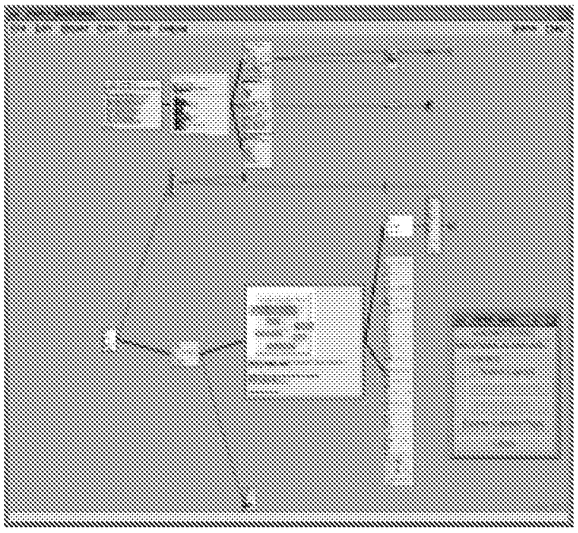


Figure 2: Another view of same web pages.

Moreover, Applicant respectfully submits that the Examiner has not established that Bederson preserves the original page layout, functionality, and design of a Web page that includes at least one form and multiple columns relative to the original page layout, functionality and design defined by the HTML-based Web content including the at least one form and the multiple columns when rendered by a commercially available desktop browser. None of the views shown in Figures 1 and 2 of Bederson preserves the original page layout, functionality, and design of a Web page that includes at least one form and multiple columns relative to the original page layout, functionality and design defined by the HTML-based Web content including the at least one form and the multiple columns when rendered by a commercially available desktop browser. This is because Pad++ was not capable of rendering the majority of HTML elements of a web page, such as centering, italics, tables, columns, forms, basic layouts, and the like. This is detailed in the attached declaration of Glenn Reinman, Ph.D. ¶¶ 25-34, dated July 19, 2013, submitted in the present application with an Information Disclosure Statement submitted on April 14, 2014, and will be resubmitted herewith in the IDS. Dr. Reinman downloaded and operated the Pad++ source code from http://www.cs.umd.edu/hcil/pad++/download/index.html.

As demonstrated below and also supported by Dr. Reinman's declaration, Pad++ was not capable of handling many fundamental HTML elements used for page formatting and layout. Reinman Decl. ¶¶ 25-34.

The following examples demonstrate that the Pad++ browser did not handle many basic HTML elements, and thus did not preserve the original page layout, functionality, and design of a Web page that includes at least one form and multiple columns relative to the original page layout, functionality and design defined by the HTML-based Web content including the at least one form and the multiple columns when rendered by a commercially available desktop browser, as reflected in the amended claims of the instant application.

For each example set of HTML elements or HTML code, a comparison between how the HTML elements/code is interpreted between Pad++ and Firefox 7 (a commercial desktop browser) are presented via screen captures. The sets of information and screen shots are ordered in the following manner:

- HTML Code (exemplary HTML elements)
- Pad++ interpretation/rendering of the elements
- Firefox Interpretation/rendering of the elements

Example 1: Various extended character sets

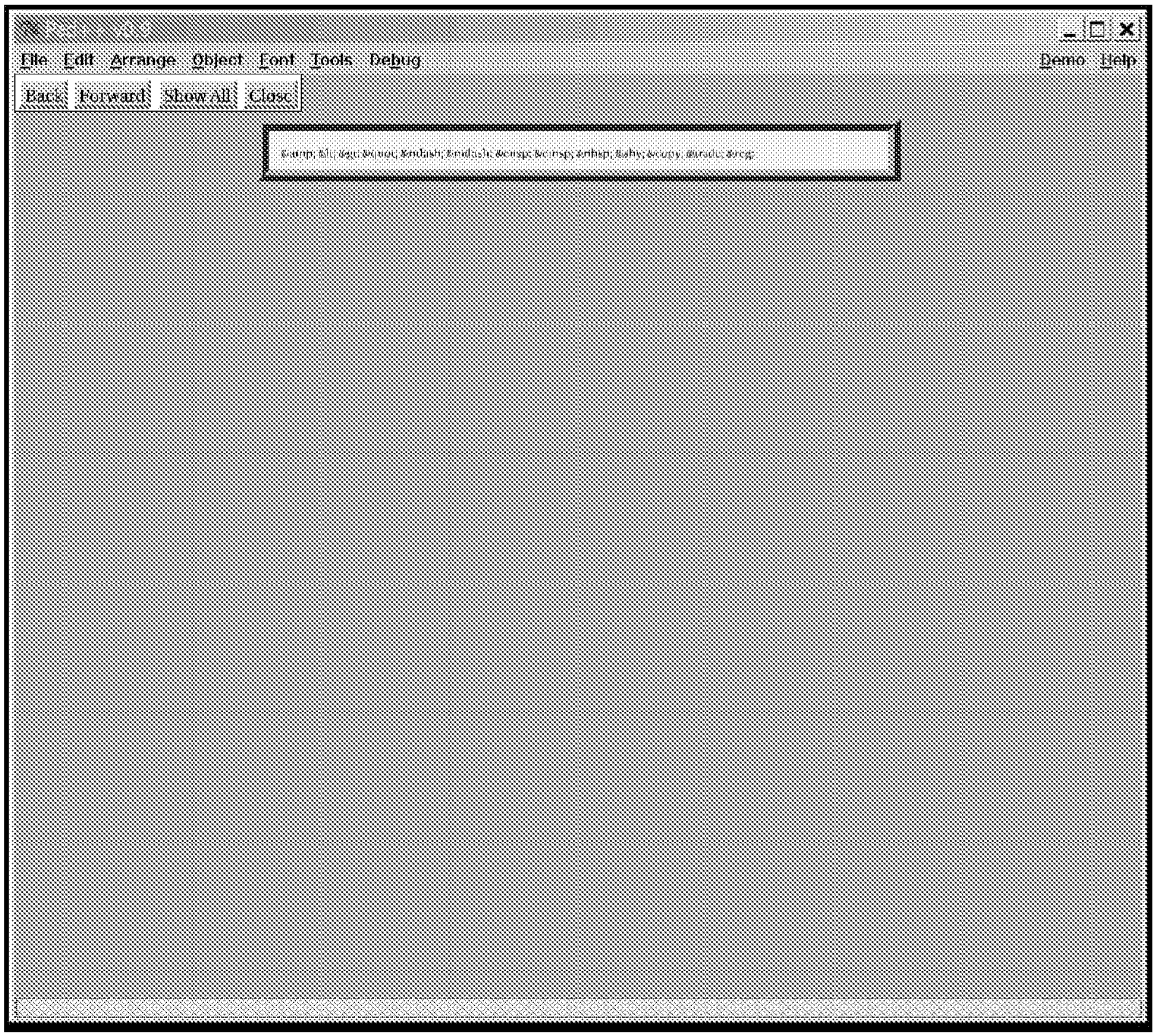
HTML Code example

```
&amp;
&lt;
&gt;
&quot;
&ndash;
&mdash;
 
 
 
&shy;
```

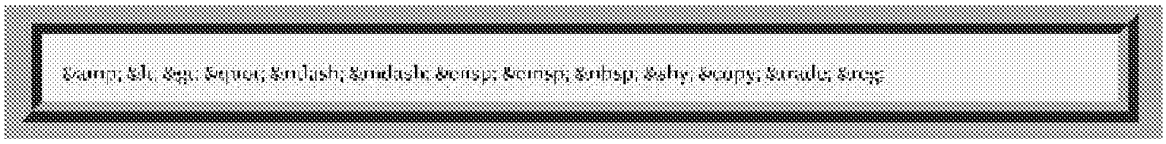
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Pad++ Interpretation/rendering



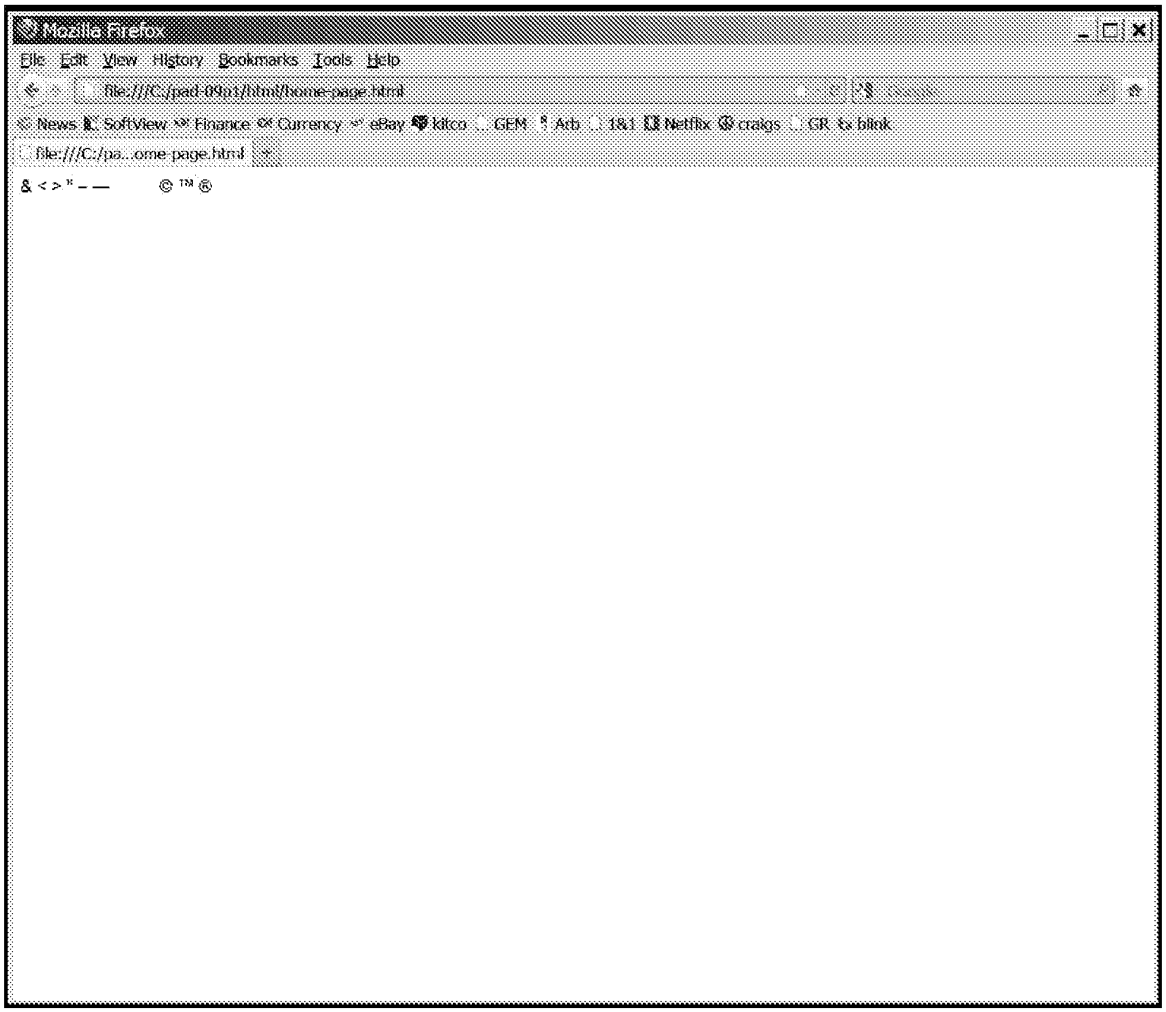
Pad++ application window view.



Close up view of content. As can be readily observed, the text rendering employed by the Pad++ browser is very poor.

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Firefox 7 interpretation/rendering



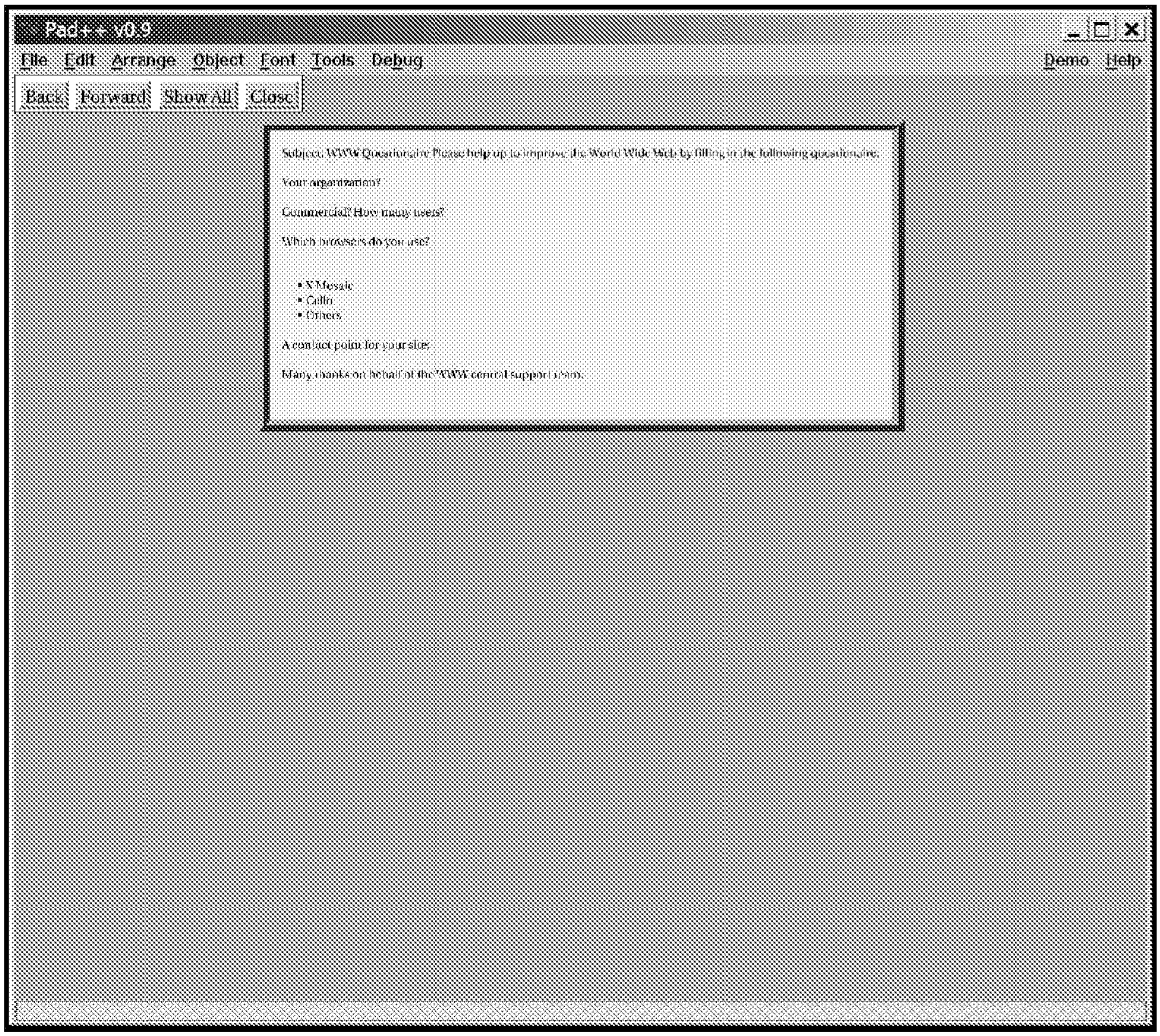
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Example 2: Forms and Input Fields

HTML Code example:

```
<FORM ACTION="mailto:www_admin@info.cern.ch">
<MH HIDDEN>Subject: WWW Questionaire</MH>
Please help up to improve the World Wide Web by filling in the
following questionaire:
<P>Your organization? <INPUT NAME="org" SIZE="48">
<P>Commercial? <INPUT NAME="commerce" TYPE=checkbox>
How many users? <INPUT NAME="users" TYPE=int>
<P>Which browsers do you use?
<UL>
<LI>X Mosaic <INPUT NAME="browsers" TYPE=checkbox VALUE="xmosaic">
<LI>Cello <INPUT NAME="browsers" TYPE=checkbox VALUE="cello">
<LI>Others <TEXTAREA NAME="others" COLS=48 ROWS=4></TEXTAREA>
</UL>
A contact point for your site: <INPUT NAME="contact" SIZE="42">
<P>Many thanks on behalf of the WWW central support team.
<P ALIGN=CENTER><INPUT TYPE=submit> <INPUT TYPE=reset>
</FORM>
```

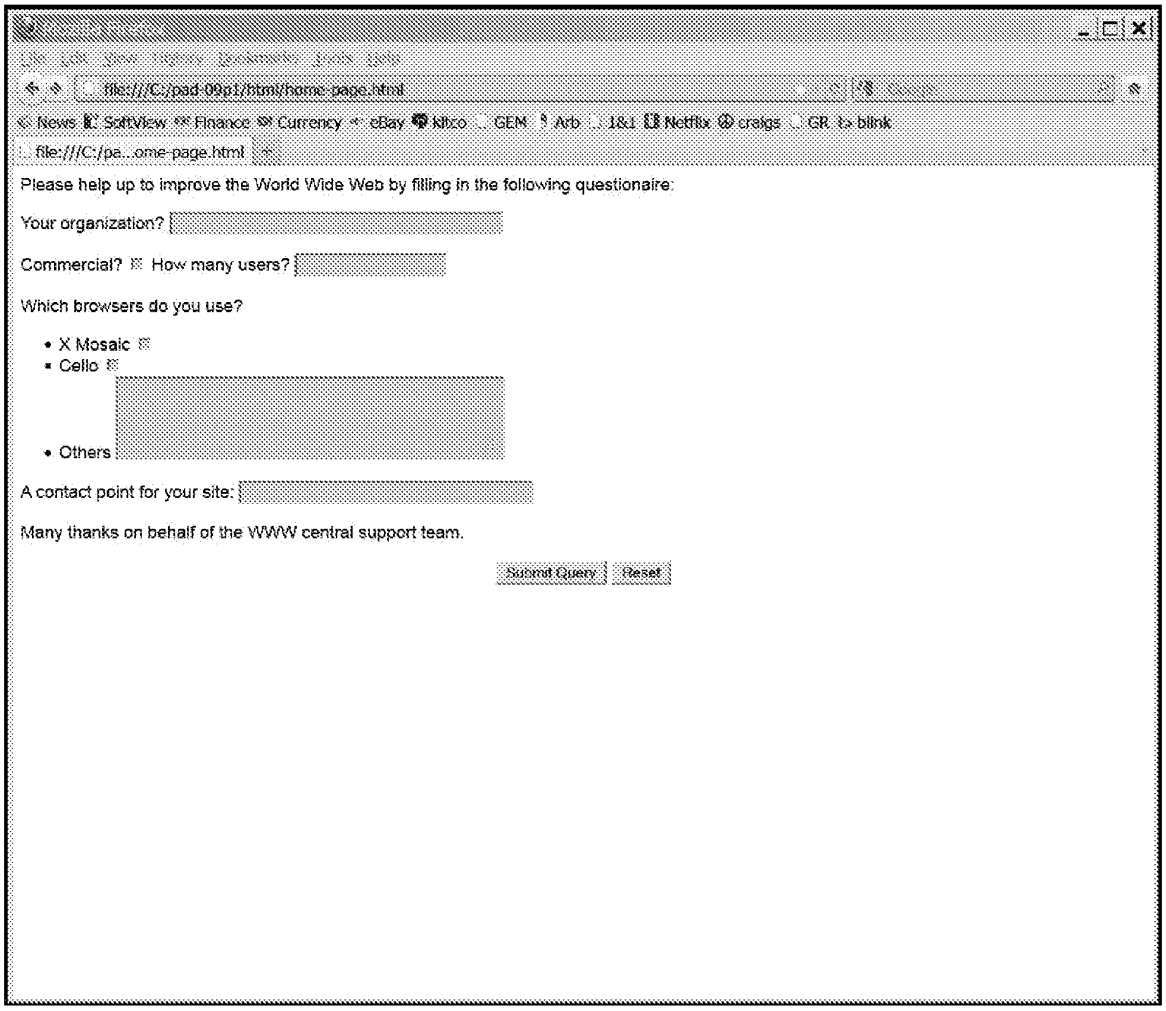
Pad++ Interpretation/rendering



Pad++ has no support for HTML forms or related HTML elements. The browser implementation in Pad++ has no provision for text entry, and the architecture has no provision for maintaining a session or returning form data to a server.

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Firefox 7 interpretation/rendering



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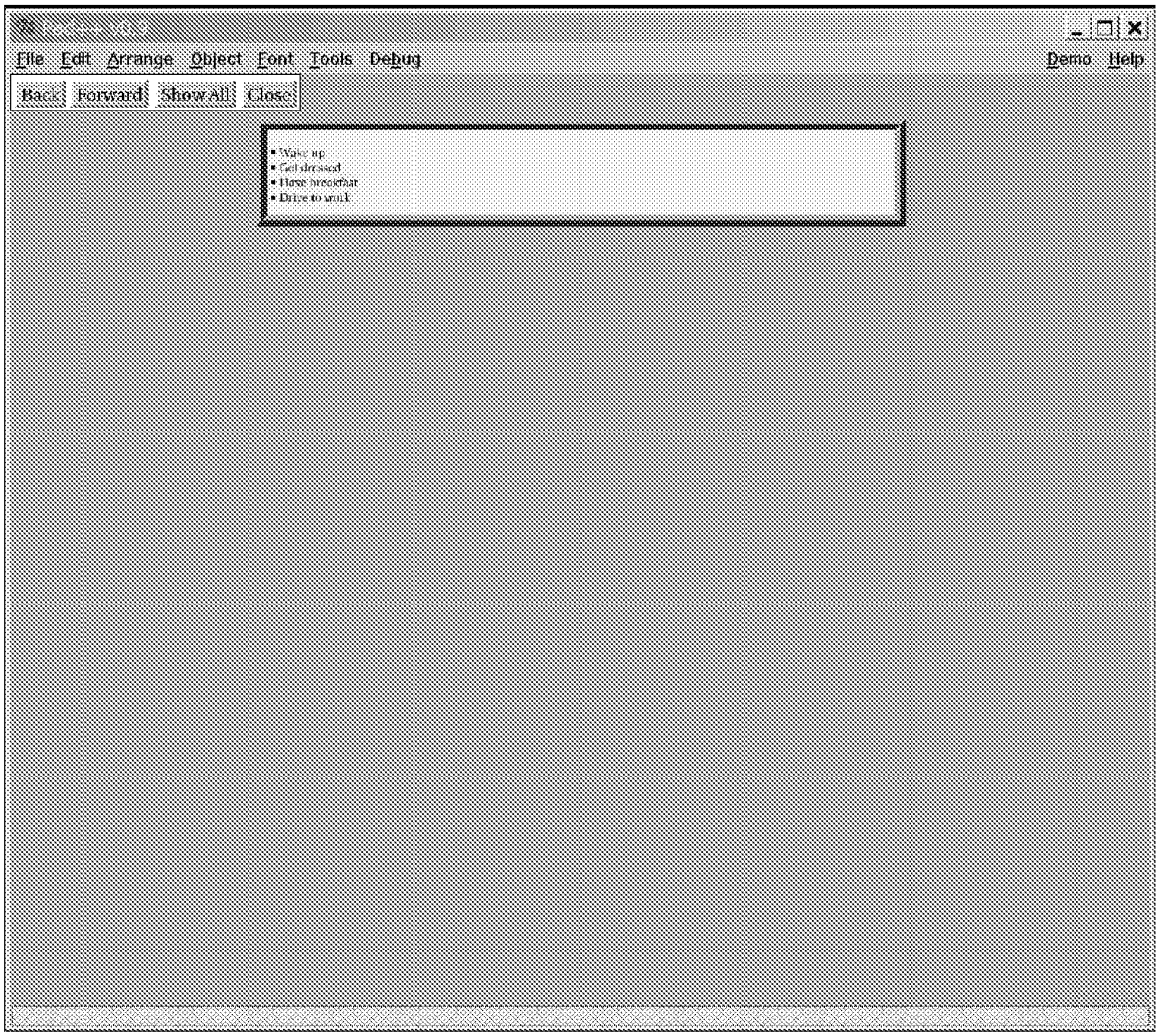
Example 3: Ordered Lists

Pad++ does not interpret he ordered list <ol> element correctly.

HTML Code example:

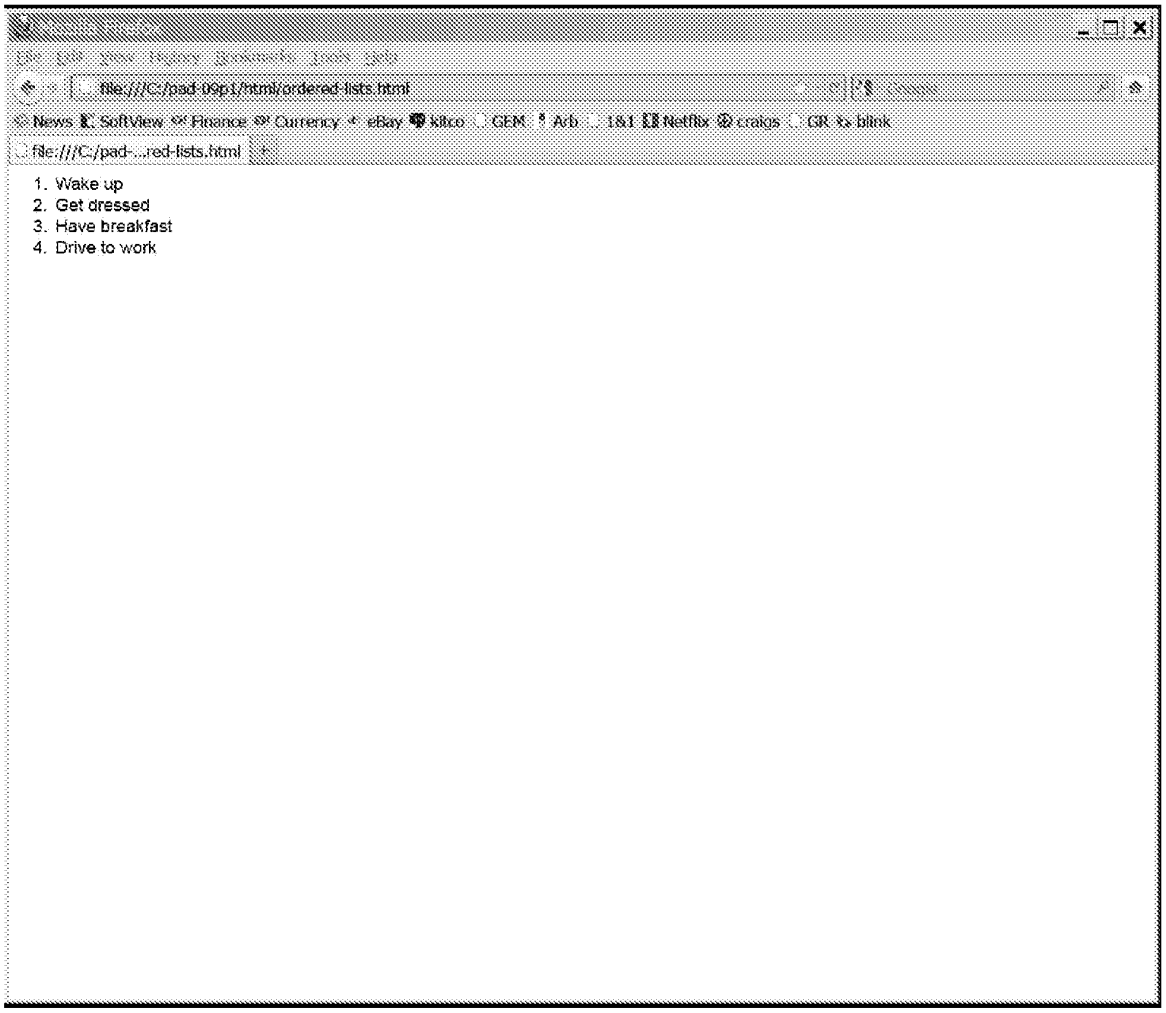
```
<OL>
        <LI>Wake up
        <LI>Get dressed
        <LI>Have breakfast
        <LI>Drive to work
</OL>
```

Pad++ Interpretation/rendering



Firefox 7 interpretation/rendering

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file:///C:/pad-0op1/html/ordered-lists.html
News SoftView Finance Currency eBay kitco GEM Arb 1&1 Netflix craigs GR blink
file:///C:/pad-...red-lists.html
1. Wake up
2. Get dressed
3. Have breakfast
4. Drive to work

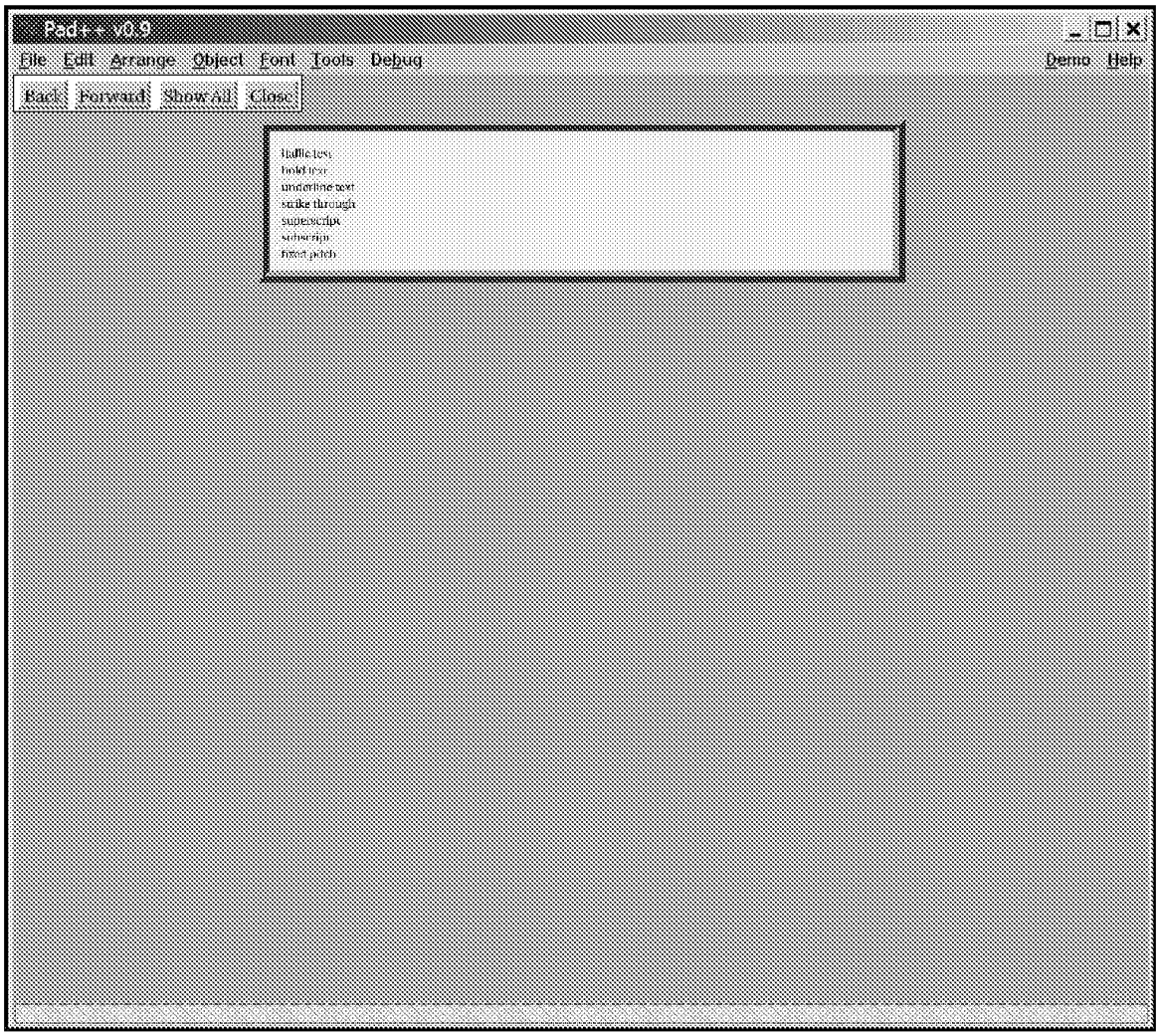
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Example 4: Presentation-only tags

HTML Code example:

```
<I>italic text</I><BR>
<B>bold text</B><BR>
<U>underline text</U><BR>
<S>strike through</S><BR>
<SUP>superscript<?SUP><BR>
<SUB>subscript<?SUB><BR>
<TT>fixed pitch<?TT>
```

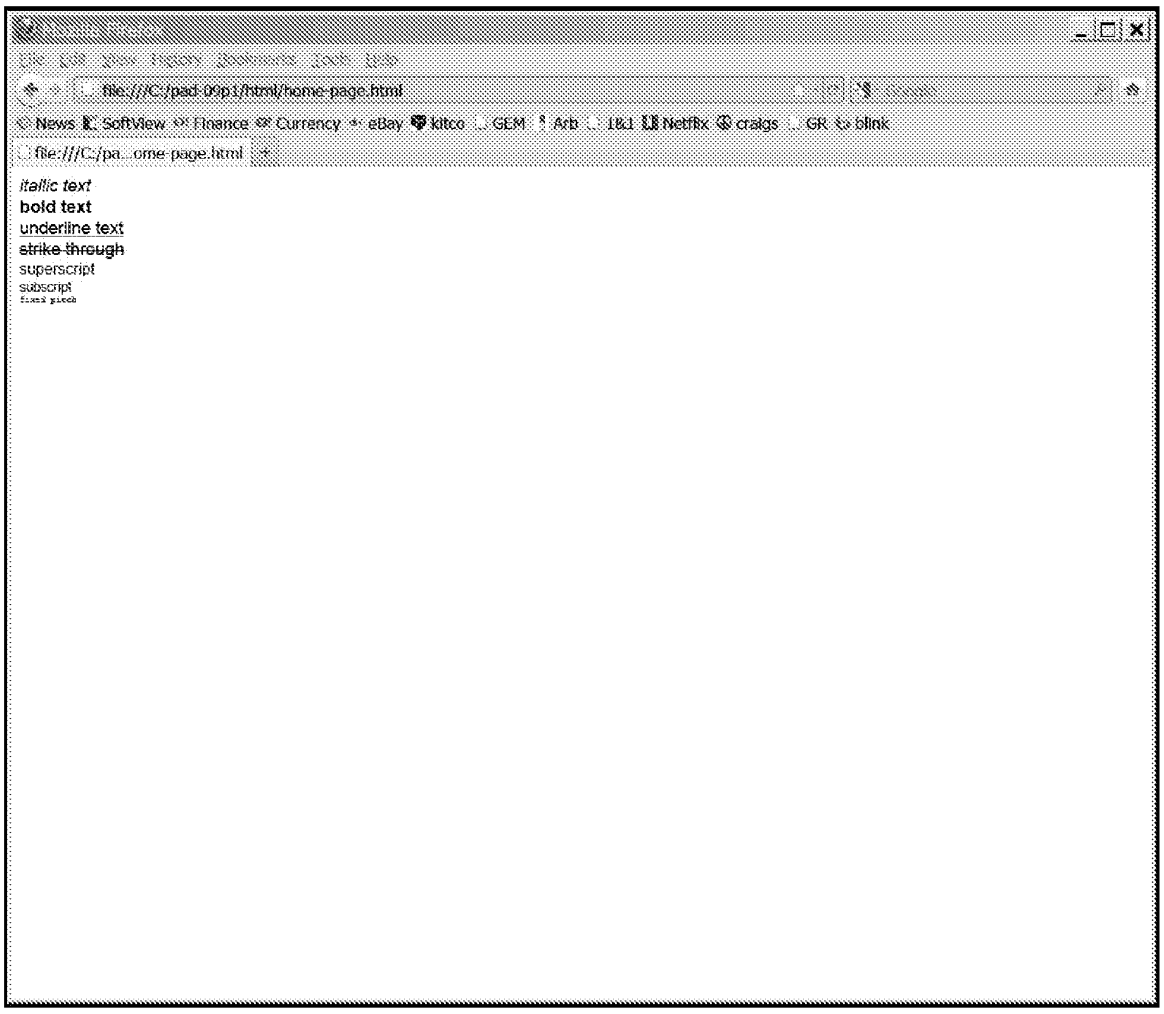
Pad++ Interpretation/rendering



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Pad++ does not interpret the very basic HTML elements of italics, bold, underlined text, etc.

Firefox 7 interpretation/rendering



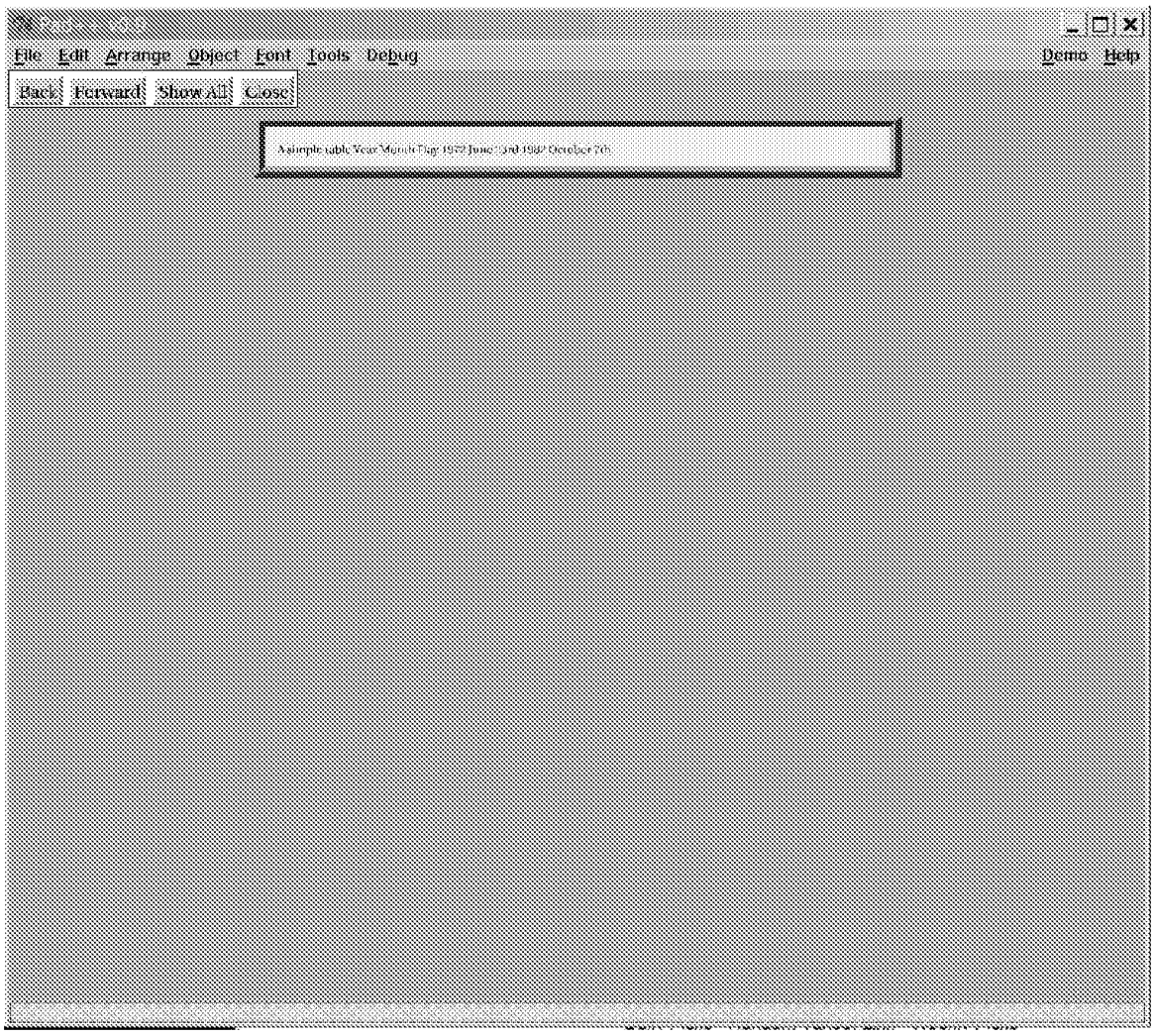
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Example 5: Basic Table

HTML Code example:

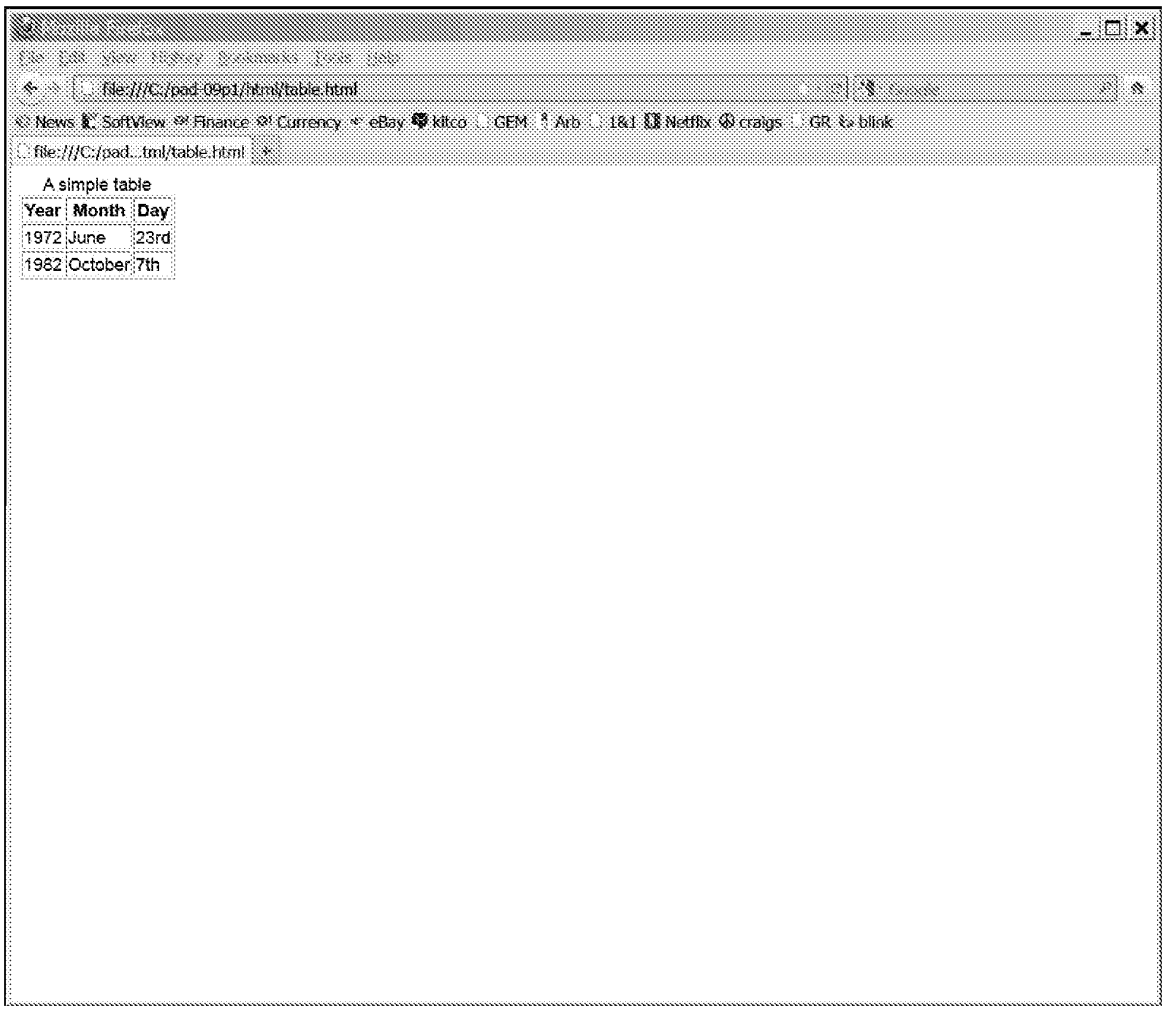
```
<table border>
<caption>A simple table</caption>
<th>Year <th>Month <th>Day <tr>
<td>1972 <td>June <td>23rd <tr>
<td>1982 <td>October <td>7th
</table>
```

Pad++ Interpretation/rendering



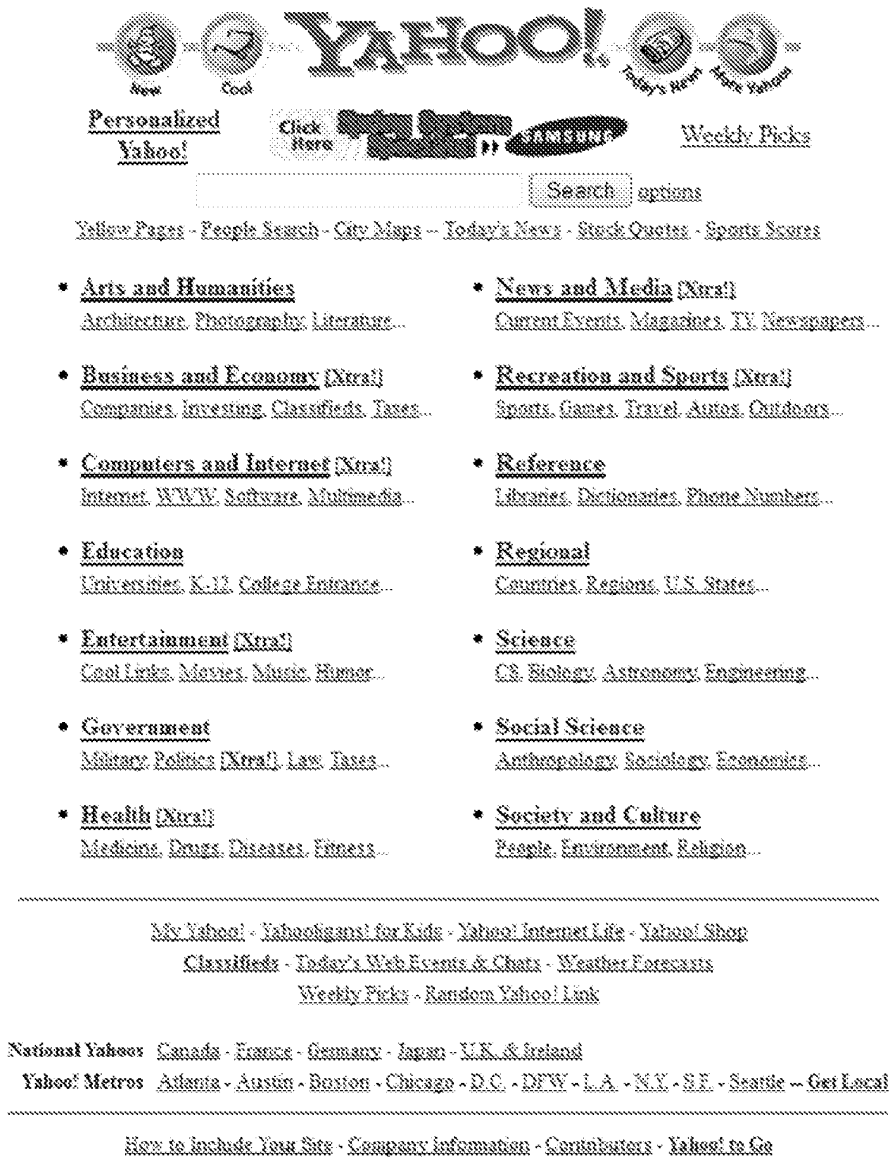
Pad++ completely ignores the table elements <table>, <th>, <td>, and <tr>, and simply extracts the table text data.

Firefox 7 interpretation/rendering



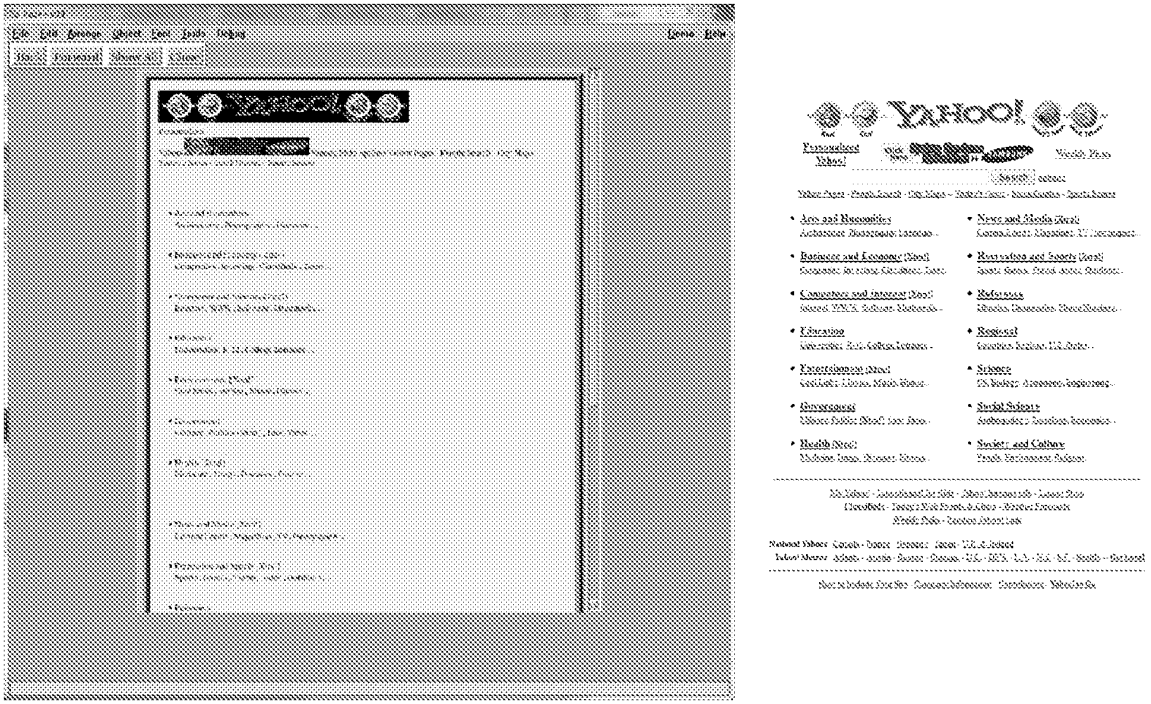
The following is a screenshot of Yahoo.com (April 18, 1997) rendered on Firefox (which uses the Mozilla rendering engine) and a side-by-side comparison between Yahoo.com rendered by Pad++ v0.9 (Windows application) and Firefox. (It is noted that each of the following pages were retrieved from www.archive.org.)

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As shown above, www.yahoo.com – April 18, 1997 employed a two column layout and included a form used to submit search terms. Pad++ could not interpret HTML code used to define columns (it could not interpret either or <table> HTML elements, which are used by HTML to lay out content in columns), and it also could not interpret HTML <form> elements.

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www.yahoo.com – April 18, 1997 (www.archive.org)

As can be seen from the above examples, it is clear that Pad++ did not preserve the original page layout, functionality, and design of a Web page that includes at least one form and multiple columns relative to the original page layout, functionality and design defined by the HTML-based Web content including the at least one form and the multiple columns when rendered by a commercially available desktop browser.

The Examiner concedes that Bederson fails to disclose rendering web pages with forms and columns. The Examiner asserts, however, that *Scarborough* (or alternatively *Chui*, as the rejection states Scarborough but the intent appears to be *Chui*) teaches a browser capable of rendering columns and forms. Office Action, at 10. In particular, the Examiner states:

but *Scarborough teaches:*

HTML code for at least one form and at least one column, ... for the at least one form and the at least one column...including HTML code for the at least one form and the at least one column... **and** ***including the at least one form and the at least one column ... and design defined by the HTML- based content including the at least one form and the at least one column as viewed on the commercially available desktop browser;*** **including the at least one form and the at least one column to conform the original page layout, functionality and design defined the HTML-based content including the at least one form and the at least one column as viewed on the commercially available desktop browser.**

Id.

As stated in the Abstract, Chui discloses,

A method and apparatus for creating a background or foreground image at different resolutions with a scalable graphic thereon is described. In one embodiment, the method comprises selecting a version of an image for display with a scalable graphic. The version of the image is at one of a plurality of resolutions. The method also includes generating the version of the image from a first image bitstream from which versions of the image at two or more of the plurality of resolutions could be generated. One of the versions is generated using a first portion of the first image bitstream and a second of the versions is generated using the first portion of the first image bitstream and a second portion of the first image bitstream.

As stated in the SUMMARY OF THE INVENTION,

[0007] A method and apparatus for creating a background or foreground image at different sizes with a scalable (in size) graphic thereon is described. In one embodiment, the method comprises selecting a version of an image (e.g., a background image, a foreground image) for display with a scalable graphic. The version of the image may be one of multiple sizes. The method also includes generating the version of the image from a first image bitstream from which versions of the image at two or more of the sizes could be generated. One of the versions is generated using a first portion of the first image bitstream and a second of the versions is generated using the first portion of the first image bitstream and a second portion of the first image bitstream.

[0008] In another embodiment, the versions of the image at multiple sizes include a predetermined set of versions and the selection of the version that is displayed is the version with the highest quality among all the versions that may be created for the bandwidth that is available. In still another embodiment, the same is true for the scalable graphic. That is, a version of the scalable graphic is selected that is the highest quality available out of multiple versions of the scalable graphic for the bandwidth that is available.

There is no discussion in Chui of rendering a Web page that includes HTML code for either multiple columns or at least one form, and it is unclear how Chui could be combined with Pad++ to implement a browser that supports proper rendering of a HTML Web page with multiple columns and at least one form (including implementing the functionality of the at least one form). Chui employs images that are sent from a server to a client computer and that are combined with SVG content, which is clearly not HTML-based content. The Examiner appears to point to Chui's disclosure of "64 rows by 64 columns" as presumably satisfying the "multiple columns" limitation in the claims. Office Action, at 11. But this disclosure in Chui refers to splitting an image into smaller tiles of pixel sizes of 64 rows and 64 columns. This has nothing to do with the claimed rendering of web pages having HTML code for a form and multiple columns and preserving the original page layout, functionality, and design of the Web page that includes at least one form and multiple columns. Moreover, it would not make any sense to implement the server functionality (described in Chui) on the client device, as that would defeat the purpose of Chui (of being able to selectively send the most appropriate image from the server to the client). As shown above, Pad++ was incapable of rendering columns and forms on Web pages, and Chui does not provide any teaching whatsoever relating to interpreting or rendering columns and forms on Web pages.

It is well settled law that there would be no motivation to combine prior art references if doing so would render the prior art unsatisfactory for its intended purpose. *In re ICON Health & Fitness, Inc.,* 496 F.3d 1374, 1382 (Fed. Cir. 2007) ("[A] reference teaches away from a combination when using it in that combination would produce an inoperative result."); *McGinley v. Franklin Sports Inc.,* 262 F.3d 1339, 1354-55 (Fed. Cir. 2001) ("If references taken in combination would produce a 'seemingly inoperative device,' we have held that such references teach away from the combination and thus cannot serve as predicates for a prima facie case of obviousness.")

The use of multiple sizes of images teaches away from how zooming is implemented in Pad++, and combining Pad++ with *Chui's* bitmap technique would clearly lead to an inoperative result. In addition, *Chui* merely presents a bitmap of a page display, but that bitmap does not support any functionality, particularly with respect to being able to be used as a form in a Web page.

In view of the foregoing, it is clear the combination of Bederson and Chui does not teach all claim limitations of claim 1, there would be no motivation to combine the references, and a PHOSITA would not have a reasonable expectation of success in obtaining the claimed invention via such a combination. Accordingly, the rejection of the previous version of claim 1 was improper. Additionally, for similar reasons the amended version of claim 1 is clearly patentable over the combination of Bederson and Chui. Moreover, each of claims 2-5, 7-9, 11, and 15-20, which depend either directly or indirectly from claim 1, are likewise patentable and in condition for allowance for at least the same reasons as argued herein in support of the patentability of claim 1.

With reference to the rejection of claim 8, the Examiner states:

> (Bederson provides Padd++ "Zooming Web Browser", where click on a link focus in that page [Pg. 4 right col. lines 7-10]; also a dynamic object [i.e. interprets as *the column]* can be placed at any position and at any scale. Padd++ allows the user to Zoom in and out and control how much context is viewed at any time; moreover the user interact with Padd++ in much the same manner as traditional browser. It is noted the Web page is re-rendered in real-time to effect zooming operation [see Pg. 1-9 and particular, Pg. 3 bottom half right column through Pg. 4 whole]. Examiner notes Padd++ "Zooming Web Browser", where the user interact with Padd++ in much the same manner as traditional browser, is conceptually similar to enables the user to access user-selected Web pages from among billions of Web pages available via the World Wide Web while preserving an original page layout, hyperlink functionality, and design defined by the HTML-based Web content as interpreted by a rendering engine for each of the user-selected Web pages as claimed.)

Office Action, at 15-16.

As explained and illustrated above, Pad++ cannot interpret HTML code defining a column (either using elements or <table> elements). Pad++ cannot support zooming on a column if Pad++ cannot correctly lay out a page with multiple columns to begin with. In order to zoom on a column, the browser would need to know the page layout information for the column, which neither Pad++ nor Chui can determine. In addition, Pad++ treats a Web page as a single Pad++ HTML object, and thus Pad++ could not detect whether a user clicks on a particular column within a multi-column Web page.

The dynamic object referred to by the examiner is part of MSML, which is not HTML, as discussed above. In addition, the Examiner's rejection does not identify any disclosure in Bederson/Pad++ teaching or suggesting "the ***display is re-rendered such that the column is displayed to fit a width of a display area of the touch-sensitive display."*** Accordingly, the rejection of claim 8 prior to the current amendment was improper, and claim 8, as amended, is further patentable over Bederson and Chui.

With respect to the rejection of claim 16, the Examiner states:

> (Chui discloses method of Scalable Vector Graphics (Svg) Drawings on Multiresolution Background Image/Background Alpha with/without Image Data Re-Usage Function Abst and Para(s) 1 and 7-8 and 36]; In addition, Chui further mentions 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** [Para 145].)
>
> Accordingly, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine Bederson's Padd++ "Zooming Web Browser", to include the HTML-based Web content further includes HTML code for at least one table as taught by Chui. Thus, provides a new zoomable Web browser using Pad++, a substrate for building multiscale dynamic user interfaces where dynamic objects can be placed at any position and at any scale, in which rendering of objects can vary based on factors in addition to scale, such as context of the task or complexity of the information being displayed. Also Web pages to remain visible at varying scales so the viewer may examine many pages at once. In addition, allows the user to zoom in and out, enabling explicit control of how much context is viewed at any time. To orient

> themselves, users can simply zoom out to view a number of web pages. To get more detailed views of a particular page, they can zoom in. We think this variable scale contextual display of Web pages can provide important support for navigation [in Bederson in page 1-2]

Office Action, at 19-20.

The tables in Chui have nothing to do with tables defined by HTML code. An HTML table includes the <table> element and one or more <tr>, <th>, and <td> elements. The <tr> element defines a table row, the <th> element defines a table header, and the <td> element defines a table cell. As shown in Example 5 above, Pad++ cannot interpret nor render HTML-based tables, and it is clear that Chui discloses nothing relating to interpretation or rendering of HTML code defining a table. Accordingly, claim 16 is further patentable over the combination of Bederson and Chui.

With respect to claims 21-26, the Examiner states "*Claims 21-26,* are fully incorporated similar subject of claims 1-3, 5, 8 and 9 cited above, and are similarly rejected along the same rationale." Office Action, at 20.

Each of claims 21-26 recite subject matter that is clearly not taught or fairly suggested by Bederson or Chui. For example, amended claim 21 recites, among other limitations, "rendering the Web page on the touch-sensitive display utilizing the scalable vector representation to produce a first view of the Web page including the at least one form and the multiple columns at a first zoom level" and "in response to a tap on a first of the multiple columns via the touch-sensitive display, re-rendering the Web page on the touch-sensitive display such that the first of the multiple columns is displayed to fit a width of a display area of the touch-sensitive display, the display area used for displaying the HTML-based Web content."

It is clear from above that Pad++ is not capable of rendering either forms or columns, and Chui contains no disclosure relating to interpreting or rendering HTML code including forms and columns.

Similarly, neither Bederson nor Chui discloses re-rendering the Web page on the touch-sensitive display such that the first of the multiple columns is displayed to fit a width of a display area of the touch-sensitive display in response to a tap on the first column. Pad++ cannot interpret HTML elements relating to columns, and thus Pad++ cannot zoom on a column that it cannot interpret nor render. Accordingly, the rejection of claim 21 is improper and should be withdrawn. In addition, the rejection for each of claims 22-29, which depend either directly or indirectly from claim 21, is also improper and should be withdrawn for at least the reasons argued herein in support of the patentability of claim 21.

With further respect to claim 26, the Pad++ browser clearly does not support zooming on an image in response to tapping on the image. Accordingly, claim 26 is further patentable over Bederson and Chui.

With further respect to claim 27, the Pad++ browser clearly does not support interpreting or rendering HTML tables, and Chui discloses nothing relating to interpreting or rendering HTML tables. Accordingly, claim 27 is further patentable over Bederson and Chui.

With further respect to claim 29, the Examiner asserts that the claim elements are taught by Bederson and Chui, including the statement,

> (Chui discloses method of Scalable Vector Graphics (Svg) Drawings on Multiresolution Background Image/Background Alpha with/without Image Data Re-Usage Function Abst and Para(s) 1 and 7-8 and 36];

Office Action, at 21.

Claim 29 requires parsing of HTML-based code corresponding to the Web page to determine an original page layout of the HTML-based Web content on the Web page. Chui discloses no teaching whatsoever relating to parsing HTML-based code, much less logically grouping selected content (that

has been parsed) into objects 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; and generating a vector from the primary datum to the object datum for the object. Chui teaches none of these elements. Moreover, tiling of image data has nothing to do with generating vectors for logically grouped content. Accordingly, claim 29 is further patentable over the combination of Bederson and Chu.

Claims 17-20 and 27-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bederson et al. ("A Zooming Web Browser" dated 11/05/1996 stamped by OSTI) [hereinafter "Bederson"], in view of Chui (US20020018072A1-Provosional 60/203,494 filed 05/11/2000) [hereinafter "Chui"], and further in view of Scarborough et al., (US006353448B1- filed 05/16/2000) [hereinafter "Scarborough"].

> As stated in the Abstract, *Scarborough* discloses bitmap images:
>
> A method of displaying graphic user interface layouts including the steps of *accessing a data repository storing an instruction set for constructing a graphic user interface layout through a network connection, rendering the graphic user interface layout associated with the instruction set and* ***reducing the graphic user interface layout to a bitmap image****. Once the graphics and text are laid out, the screen display is reduced to a bitmap image and associated with a uniform resource locator string.* When a search query that retrieves the uniform resource locator string, ***the bitmap image and the uniform resource locator string are displayed to the end-user***. As an alternative to displaying the actual text of the resource locator string, it may be embedded as an image hyperlink.

Scarborough, at Abstract (emphasis added). As further stated in the summary of invention:

> The present invention solves significant problems in the art by providing a method of *displaying graphic user interface layouts* comprising the steps of ***accessing a data repository storing an instruction set for constructing a graphic user interface layout through a network connection***. The instruction set is typically the notoriously wellknown hypertext markup language but may include Standard Generalized Markup Language ("SGML"), Extensible Markup Language and other standards that specify graphic user interface layouts. The data repository may be located on a local area

network ("LAN"). However, in most cases it will be located on a global wide area network (i.e., the Internet).

The next step is to render the graphic user interface layout associated with the instruction set ***and reduce the graphic user interface layout to a bitmap image***. For example, in the case of hypertext markup language, a "<p>" tag indicates a paragraph break, a "
" tag indicates a carriage return, a "<h1>" indicates that the text should be formatted to a large heading.

Once the graphics and text are laid out, ***the screen display is reduced to a bitmap image*** *and associated with a uniform resource locator string (e.g., <www.xyz.com>). When a search query that retrieves the uniform resource locator string,* ***the bitmap image and the uniform resource locator string are displayed to the end-user***. As an alternative to displaying the actual text of the resource locator string, it may be embedded as a hyperlink. For example: <a href=<www.xyz.com.>>img border="0" src=<xyzcom.gif>width "320"height="240">

Two of the most popular graphic formats on the web are GIF and JPEG. JPEG is preferable for high-color depth. *However, by reducing the number of colors in the color table in a GIF file, the size of the file is greatly reduced and thereby provides for a faster loading graphic*. Reducing an image to GIF presents several options. First, the image may be exactly reduced to 256 colors. However, the resultant GIF file will be large and slow to download. ***A better method is to adaptively reduce the image colors, preferably to less than 64 colors depending on the quality of image desired***. Adaptive reduction creates a color table by sampling colors from the more commonly used areas of the color spectrum that appears in the image. For example, if a red, green and blue ("RGB") image that has only the colors green and blue, the resulting color table is made up primarily of green and blue colors. Because the colors in most images are concentrated in particular areas of the spectrum, this table can be useful. ***Some bitmap images are easily readable at 16 colors which creates a very fast loading graphic***.

To provide flexibility to the end-user, a preferred embodiment of the invention adaptively reduces the color depth of the bitmap image to a plurality of levels and stores a copy of the bitmap image at each color depth level on a network accessible storage means or in a network accessible database. Such a storage means may include any type of media able to record binary information, but is anticipated to be on hard drive accessible by web servers such as Microsoft's IIS, Apache, or the like. Ultimately, the color depth level of the bitmap image displayed in the search query is predetermined by an end-user color depth setting. These settings may be manually selected upon each search instance or may take the form of a cookie, session variable or record stored in a database table.

In addition to the color depth of a bitmap file, the resolution of the bitmap file also greatly affects the speed at which the end-user may view the information. Accordingly, the present invention resizes the bitmap image to a predetermined resolution. During

> the resizing process, it is preferable to maintain the aspect ratio of the original bitmap file. As an alternative to resizing to a particular resolution, the original bitmap image may be reduced by both size and color depth to a target file size. This permits consistency in the speed upon which the graphics are displayed. Similar to end-user color depth selection, a preferred embodiment may be provided wherein the bitmap image is resized to a plurality of resolutions and a copy of the bitmap is stored at each resolution on a network accessible storage means. The resolution of the bitmap image displayed in the search query is predetermined by an end-user resolution setting which, similar to color depths, may be manually selected upon each search instance or may take the form of a cookie, session variable or record stored in a database table.

Scarborough, at col. 4:39-5:32 (emphasis added); see also id. at col. 9:24-65; Figs. 3 and 4.

All of the pending claims include the ability to zoom in on a view of the Web page. The zooming behavior of Pad++ is facilitated through the use of Pad++ text and image objects. *Scarborough* clearly generates bitmaps that are displayed to the user. The Examiner has failed to articulate how a PHOSITA would combine *Scarborough's* bitmaps with Pad++ text and image objects in any manner, much less do so in a way that supports zooming. *Scarborough's* bitmaps have a fixed size, which in fact are selectable by the user:

Not only do *Scarborough's* bitmaps have a fixed size, they are designed to be specific to a particular device or screen resolution. For example, this resolution can be selected through the user interface of FIG. 6 shown below:

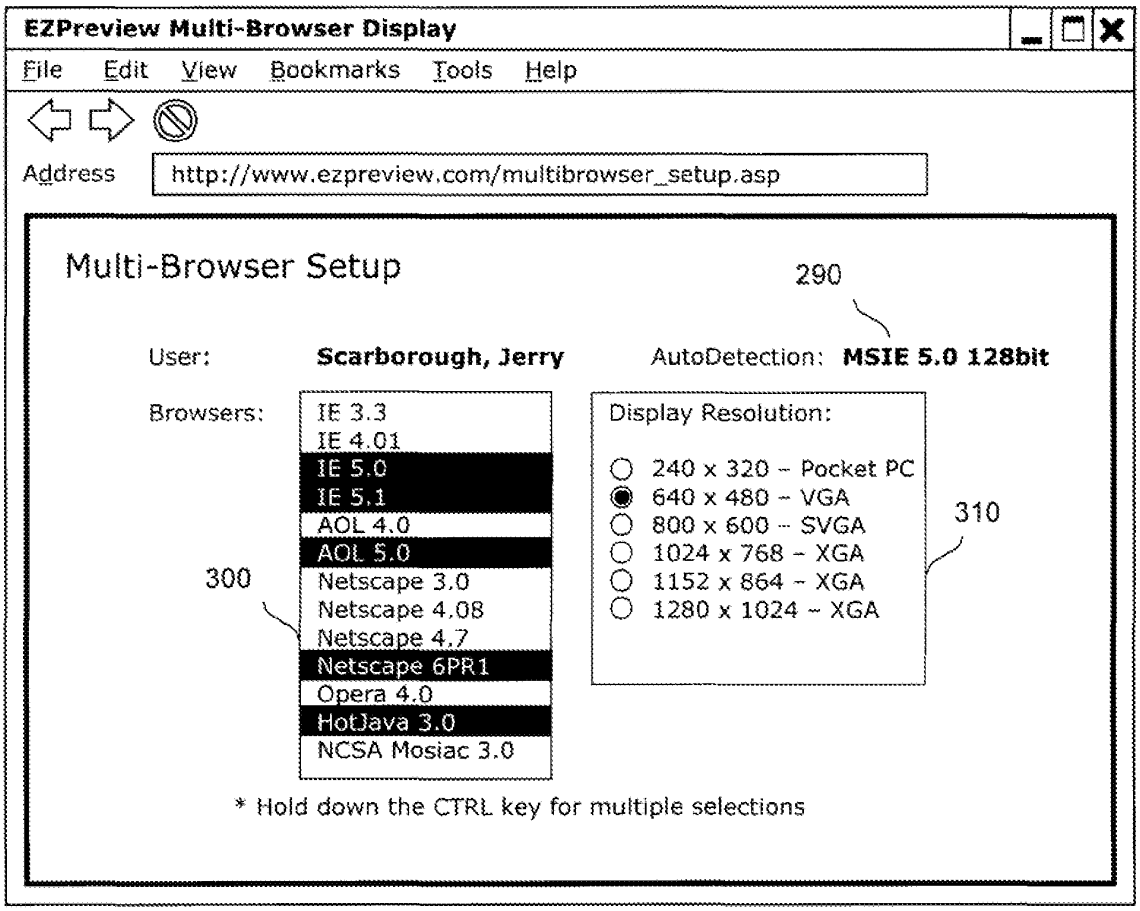


FIG. 6 shows a multi-browser display screen. A string list of popular web browser versions 300 is presented to the end-user who may select one or multiple browser emulations. The end-user's own browser identification 290 may be obtained by the search engine server 135 and passed back to the end-user interface 120. ***In addition to selecting one or more browser emulations 300, the end-user may also select from a predefined list of display resolutions 310***. Once these settings are activated, FIG. 7 shown the results of a data depository 80 having an uniform resource locator 320 at 640 pixels wide by 480 pixels in height resolution 300. The results are displayed as emulations for Microsoft Internet Explorer Version 5.0 330, Microsoft Internet Explorer Version 5.1 340, America Online Browser Version 5.0 350, Netscape Browser Version 6PR1 360 and the HotJava Browser Version 3.0 370.

In support of the rejection of prior claims 17-20, the Examiner states,

Claims 17-20,

Bederson and Chui mentions Padd++ and SVG for Zooming in and out, but do not expressly teach the table and CSS as claimed, however Scarborough discloses: *wherein the HTML-based Web content further includes HTML code for two or more frames; wherein the HTML-based Web content further comprises Cascading Style Sheets* (CSSJ *content; wherein the* CSS *content defines at least part of the original page layout, functionality, and design of content on the Web page; wherein retrieving and processing further comprises: retrieving and processing the* CSS *content to translate the* CSS *content into the scalable vector representation.* (Scarborough discloses tables, textures, cascading style sheets, where resizes the bitmap image to a predetermined resolution. During the resizing process, it is preferable to maintain the aspect ratio of the original bitmap file [Para(s) 20-30].)

Accordingly, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine Bederson's Padd++ "Zooming Web Browser" and Chui's SVG, to include a means of said the HTML-based Web content further includes HTML code for two or more frames; wherein the HTML-based Web content further comprises Cascading Style Sheets (CSS) content; wherein the CSS content defines at least part of the original page layout, functionality, and design of content on the Web page; wherein retrieving and processing further comprises: retrieving and processing the CSS content to translate the CSS content into the scalable vector representation as taught by Scarborough. Thus, provides a new zoomable Web browser using Pad++, a substrate for building multiscale dynamic user interfaces where dynamic objects can be placed at any position and at any scale, in which rendering of objects can vary based on factors in addition to scale, such as context of the task or complexity of the information being displayed. Also Web pages to remain visible at varying scales so the viewer may examine many pages at once. In addition, allows the user to zoom in and out, enabling explicit control of how much context is viewed at any time. To orient themselves, users can simply zoom out to view a number of web pages. To get more detailed views of a particular page, they can zoom in. We think this variable scale contextual display of Web pages can provide important support for navigation [in Bederson in page 1-2]

Office Action, pp. 24-25. The only thing that Scarborough discloses concerning frames and CSS is in the BACKGROUND OF THE INVENTION SECTION, which indicates such features are used in Web pages on some websites. There is no teaching of how to add support for frames and CSS to the Pad++ browser (or any browser for that matter).

Scarborough does not produce a scalable vector representation of a Web page, and there would be no motivation to combine the teachings of the references as adding the fixed-size bitmaps produced by Scarborough to Pad++ would disable the zooming functionality of Pad++, leading to an inoperative result. In addition, a PHOSITA would have no reasonable expectation of success in obtaining the claimed subject matter of claims 17 and 18 by combining Bederson, Chui, and Scarborough. Accordingly, each of claims 17 and 18 is clearly patentable over the combination of Bederson, Chui, and Scarborough. For similar reasons to those presented above in support of claims 16 and 17, the rejection of claims 27 and 28 is clearly improper and should be withdrawn.

CONCLUSION

Applicant asserts that the above remarks, which distinguish the claims over the cited references, pertained only to noted claim element portions. These remarks are believed to be sufficient to overcome the prior art cited in this Office Action (or any previous office action(s)) (hereinafter "Office Action(s)")). While many other claim element distinctions over prior art and reasons to overcome the recited bases for rejection were not discussed, as they have been rendered moot based on the above amendments and remarks, Applicant reserves the right to assert that all such remaining arguments and distinctions over the prior art, and Applicant reserves the opportunity to more particularly traverse, remark or distinguish any remaining claim elements and bases for rejection at a later time. Further, any remarks that were made in response to the Office Action's objection or rejection as to any one claim element, and which may have been re-asserted as applying to other Office Actions, objections or rejections as to any other claim elements, are not meant to imply that there is commonality about the structure, functionality, means, operation, or scope of any of the claim elements, and no such commonality is admitted as a consequence of any such re-assertions and restatement of remarks.

Consequently, the references cited by the Office Action do not result in the claimed invention, there was/is no motivation, basis or rationale for such a combination of references (i.e., cited references do not teach, read on, suggest, or result in the claimed invention), and the cited references are not admitted to be prior art to the claimed invention. Also, Applicant does not accept, admit, or concede to any assertions, (mis)characterizations (e.g., of claims, references, or otherwise) and/or Official Notice(s) in the Office Action. As such, Applicant does not concede that any claim element has been anticipated or rendered obvious by any of the cited references and/or any Official Notice in the Office Action. Thus, the Applicant respectfully submits that the supporting remarks and claimed inventions, claims 1-5, 7-9, 11, 15-18, 21-24, and 26-32, overcome all rejections and objections noted in the Office Action. These claims are patentably distinct from the cited references, and are in a condition for allowance. Accordingly, Applicant respectfully requests reconsideration and withdrawal of the rejections and objections, and allowance of all pending claims.

Authorization

Applicant hereby authorizes and requests that the Commissioner charge any additional fees that may be required for consideration of this and/or any accompanying and/or necessary papers to Deposit Account No. 09-0946, Order No. 161539-P001XC3C. In the event that an extension of time is required (or which may be required in addition to that requested in a petition for an extension of time), Applicant requests that the Commissioner grant a petition for an extension of time required to make this response timely, and, Applicant hereby authorizes and requests that the Commissioner charge any fee or credit any overpayment for such an extension of time to Deposit Account No. 09-0946, Order No. 161539-P001XC3C. In the event that a telephone conference would facilitate examination of the application in any way, Applicant invites the Examiner to contact the undersigned at the number provided.

Respectfully submitted,
Attorney(s) for Applicant,
IRELL & MANELLA LLP

Dated: _April 15, 2015__

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AMENDMENTS TO THE CLAIMS

Please cancel claims 19-20 and 25 without prejudice or disclaimer.

Please add new claims 30-32.

Please amend claims 1, 5, 8, 9, 11, 16, 18, 21, 24, and 26 as follows:

1. (Currently Amended) A method, comprising:

requesting through a mobile device having a touch-sensitive display a Web page comprising HTML-based Web content defining an original page layout, functionality, and design for viewing on a commercially available desktop browser, said HTML-based Web content including HTML code for at least one form and ~~at least one column~~ multiple columns;

retrieving and processing at the mobile device the HTML-based Web content including the HTML code for the at least one form and the multiple columns ~~at least one column to translate the HTML-based Web content including HTML code for the at least one form and the at least one column into~~ to generate a scalable vector representation of the Web page;

rendering the Web page on the touch-sensitive display utilizing the scalable vector representation to produce a first view of the Web page at a first zoom level that preserves the original page layout, functionality and design defined by the HTML-based Web content including the at least one form and the multiple columns relative ~~at least one column to conform~~ to the original page layout, functionality and design defined by the HTML-based Web content including the at least one form and the multiple columns when rendered by ~~at least one column as viewed on~~ the commercially available desktop browser; and

re-rendering the Web page utilizing the scalable vector representation in response to associated user inputs to iteratively zoom in and out views of the Web page at multiple different zoom levels while preserving the ~~an~~ original page layout, functionality, and design defined by the HTML-based Web content including the at least one form and the multiple columns relative to ~~at least one column to conform~~ the original page layout, functionality and design defined by the HTML-based Web content including the at least one form and the multiple columns when rendered by ~~at least one column as viewed on~~ the commercially available desktop browser.

2. (Original) The method of claim 1, wherein the mobile device comprises a mobile phone.

3. (Original) The method of claim 1, further comprising enabling a user to zoom in on a user-selectable portion of a display of the Web page in response to a user interface input made via the touch-sensitive display.

4. (Original) The method of claim 1, wherein a display of the Web page is re-rendered in real-time to effect zooming operations.

5. (Currently Amended) The method of claim 1, wherein the Web page includes at least one hyperlink, the method further comprising:

enabling a user to select a hyperlink via the touch-sensitive display; and, in response thereto,

retrieving and processing HTML-based ~~HMTL-based~~ Web content associated with the hyperlink to translate the HTML-based Web content associated with the hyperlink into an additional scalable vector representation; and

employing the additional scalable vector representation and/or data derived therefrom to render the Web content associated with the hyperlink on the touch-sensitive display.

6. (Canceled)

7. (Original) The method of claim 1, further comprising enabling a user to pan views of the Web page in real-time in response to corresponding user inputs made via the touch-sensitive display.

8. (Currently Amended) The method of claim 1, further comprising enabling a user to zoom in on ~~the at least one column~~ a first of the multiple columns by tapping on the first ~~at least one~~ column via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that the first ~~at least one~~ column is displayed to fit a width of a display area of the touch-sensitive display, the display area used for displaying Web page content.

9. (Currently Amended) The method of claim 1, wherein the HTML-based Web content includes at least one image, the method further comprising enabling a user to zoom on an image by tapping on the image via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that the image is displayed to fit a width of a display area of the touch-sensitive display, the display area used for displaying the ~~Web page content~~ HTML-based Web content.

10. (Canceled)

11. (Currently Amended) The method of claim 1, wherein HTML code in the HTML-based Web content ~~an original format~~ of the Web page defines a Web page width, the method further comprising:

interpreting the HTML code to determine the Web page width; and

rendering a view of the Web page wherein the Web page width is rendered to fit across a width of a display area of the touch-sensitive display, the display area used for displaying Web page content.

12 - 14. (Canceled).

15. (Previously Presented) The method of claim 1, wherein the commercially available desktop browser comprises Internet Explorer.

16. (Currently Amended) The method of claim 1, wherein the HTML-based Web content further includes HTML code ~~for~~ defining the layout for at least one table.

17. (Previously Presented) The method of claim 1, wherein the HTML-based Web content further includes HTML code for two or more frames.

18. (Currently Amended) The method of claim 1, wherein the HTML-based Web content further comprises Cascading Style Sheets (CSS) content defining at least one of the original page layout and design of the Web page, and wherein the commercially available desktop browser is configured to interpret CSS content.

19. (Canceled).

20. (Canceled).

21. (Currently Amended) A method, comprising:

requesting through a mobile device having a touch-sensitive display a Web page comprising HTML-based Web content including HTML code for at least one form and multiple columns ~~at least one column~~;

retrieving and processing the HTML-based Web content including the HTML code for the at least one form and the multiple columns at the mobile device to ~~translate the HTML-based Web content, including the HTML code for the at least one form and at least one column, into~~ generate a scalable vector representation of the Web page;

rendering the Web page on the touch-sensitive display utilizing the scalable vector representation to produce a first view of the Web page including the at least one form and the multiple columns at a first zoom level; and

~~re-rendering the Web page on the touch-sensitive display in response to one or more associated user inputs to iteratively zoom in and out of the Web page utilizing the scalable vector representation~~

in response to a tap on a first of the multiple columns via the touch-sensitive display, re-rendering the Web page on the touch-sensitive display such that the first of the multiple columns is displayed to fit a width of a display area of the touch-sensitive display, the display area used for displaying the HTML-based Web content.

22. (Previously Presented) The method of claim 21, wherein the mobile device comprises a mobile phone.

23. (Previously Presented) The method of claim 21, further comprising enabling a user to zoom in on a user-selectable portion of a display of the Web page in response to a user interface input made via the touch-sensitive display.

24. (Currently Amended) The method of claim 21, wherein the Web page includes at least one hyperlink, the method further comprising:

enabling a user to select a hyperlink via the touch-sensitive display; and, in response thereto,

retrieving and processing ~~HMTL-based~~ HTML-based Web content associated with the hyperlink to translate the HTML-based Web content into an additional scalable vector representation; and

employing the additional scalable vector representation and/or data derived therefrom to render the HTML-based Web content associated with the hyperlink on the touch-sensitive display.

25. (Canceled).

26. (Currently Amended) The method of claim 21, wherein the HTML-based Web content includes at least one image, the method further comprising enabling a user to zoom on an image by tapping on the image via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that the image is displayed to fit [[a]] the width of [[a]] the display area of the touch-sensitive display, the display area used for displaying the HTML-based Web ~~page~~ content.

27. (Previously Presented) The method of claim 21, wherein the HTML-based Web content further includes HTML code for at least one table.

28. (Previously Presented) The method of claim 21, wherein the HTML-based Web content further includes HTML code for two or more frames.

29. (Previously Presented) The method of claim 21, wherein processing the HTML-based Web content comprises:

parsing HTML-based code corresponding to the Web page to determine an original page layout of the HTML-based Web content on the Web page;

logically grouping selected content into objects;

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; and

generating a vector from the primary datum to the object datum for the object.

30. (New) The method of claim 1, wherein said multiple different zoom levels include at least one non-predefined zoom level.

31. (New) The method of claim 1, wherein the Web page includes at least one paragraph, the method further comprising enabling a user to zoom on the at least one paragraph by tapping on the at least one paragraph via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that the at least one paragraph is displayed to fit a width of a display area of the touch-sensitive display, the display area used for displaying the HTML-based Web content.

32. (New) The method of claim 11, wherein under the first view the Web page width is rendered to fit across the width of the display area of the touch-sensitive display, the display area used for displaying the HTML-based Web content.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99)**		
	Application Number	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

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	1	IPR2013-00007 Paper 4 [Amended] Petition for Inter Partes Review of U.S. Patent No. 7,461,353 filed Oct. 5, 2012 (short version), entire document pp. 1-64	☐
	2	IPR2013-00007 Paper 11 Decision to Institute Inter Partes Review entered March 29, 2013, pp. 1-40	☐
	3	IPR2013-00007 Paper 25 Patent Owner's Response to Petitioners' Petition for Inter Partes Review of U.S. Patent No. 7,461,353 filed July 19, 2013, entire document pp. 1-71	☐
	4	IPR2013-00007 Paper 28 Petitioners Consolidated Reply to Patent Owner's Response filed September 23, 2013, entire document pp. 1-26	☐
	5	IPR2013-00007 Paper 51 Final Written Decision entered March 27, 2014, pp. 1-37	☐
	6	IPR2013-00004 Paper 6 [Amended] Petition for Inter Partes Review of U.S. Patent No. 7,831,926 filed Oct. 5, 2012 (short version), entire document pp. 1-67	☐
	7	IPR2013-00004 Paper 12 Decision to Institute Inter Partes Review entered March 29, 2013, pp. 1-43	☐
	8	IPR2013-00004 Paper 25 Patent Owner's Response to Petitioners' Petition for Inter Partes Review of U.S. Patent No. 7,831,926 filed July 19, 2013, entire document pp. 1-69	☐
	9	IPR2013-00004 Paper 28 Petitioners Consolidated Reply to Patent Owner's Response filed September 23, 2013, entire document pp 1-26	☐
	10	IPR2013-00004 Paper 53 Final Written Decision entered March 27, 2014, pp. 1-36	☐
	11	Declaration of Glenn Reinman in Support of Softview LLC's Opening Claim Construction Brief (PX 1024 - IPR2013-00004/IPR2013-00007), Sept. 21, 2012, pp. 1-23	☐

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	Attorney Docket Number	161539-0002(P001XC3C)

	12	Reply Declaration of Jack D. Grimes, September 13, 2013 (PX 1030 - IPR2013-00004/IPR2013-00007), pp. 1-94	☐
	13	"Watch every Apple iPhone ad from the first 'Hello'," available at http://www.phonearena.com/news/Watch-every-Apple-iPhone-ad-from-the first-Hello-id27213 (PX 1035 - IPR2013-00004/IPR2013-00007), Feb. 23, 2012, pp. 1-7	☐
	14	Apple's iPhone TV Ads: The Complete Campaign - All 89 TBWA spots so far, beginning with the first teaser by Tim Nudd, available at http://www.adweek.com/adfreak/apples-iphone-tv-ads-complete-campaign-138229?page=1 (PX 1036 - IPR2013-00004/IPR2013-00007), Feb. 23, 2012, pp. 1-4	☐
	15	'353 Patent Claim Chart (claims 1, 317) - Zaurus/Pad++ (PX 1043 - IPR2013-00004/IPR2013-00007), Sept. 23, 2013, pp. 1-44	☐
	16	'926 Patent Claim Chart (claim 30) - Zaurus/Pad++ (PX 1044 - IPR2013-00004/IPR2013-00007), Sept. 23, 2013, pp. 1-16	☐
	17	ROSSMANN, Alain, "The AT&T EO Travel Guide," John Wiley & Sons, Inc., 1993, (PX 1046 - IPR2013-00004/ IPR2013-00007), pp. 1-5, 32-36 and 409	☐
	18	Declaration of Richard J. Lutz, Ph.D., Sept. 17, 2013 (PX 1049 - IPR2013-00004/IPR2013-00007), pp. 1-15	☐
	19	Supplemental Reply Declaration of Jack D. Grimes, Ph.D., Oct. 14 2013 (PX 1052 - IPR2013-00004/IPR2013-00007), pp. 1-16	☐
	20	Supplemental Declaration of Richard J. Lutz, Ph.D., Oct. 11, 2013 (PX 1053 - IPR2013-00004/IPR2013-00007), pp. 1-3	☐
	21	Brief of Appellant Softview LLC [Corrected], Doc. 26, Softview LLC v Kyocera Corp. and Motorola Mobility LLC, United States Court of Appeals for the Federal Circuit No. 2014-1599, Sept. 8, 2014, pp. 1-177	☐
	22	Brief of Appellant Softview LLC [Corrected], Doc. 28, Softview LLC v Kyocera Corp. and Motorola Mobility LLC, United States Court of Appeals for the Federal Circuit No. 2014-1600, Sept. 8, 2014, pp. 1-189	☐

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	Application Number	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

	23	Appellees' Consolidated Response Brief, Doc. 37, Softview LLC v Kyocera Corp. and Motorola Mobility LLC, United States Court of Appeals for the Federal Circuit No. 2014-1599, Oct. 20, 2014, pp. 1-82	☐
	24	Appellees' Consolidated Response Brief, Doc. 41, Softview LLC v Kyocera Corp. and Motorola Mobility LLC, United States Court of Appeals for the Federal Circuit No. 2014-1600, Oct. 20, 2014, pp. 1-82	☐
	25	Reply Brief of Appellant Softview LLC, Doc. 44, Softview LLC v Kyocera Corp. and Motorola Mobility LLC, United States Court of Appeals for the Federal Circuit No. 2014-1599, Nov. 6, 2014, pp. 1-50	☐
	26	Reply Brief of Appellant Softview LLC, Doc. 51, Softview LLC v Kyocera Corp. and Motorola Mobility LLC, United States Court of Appeals for the Federal Circuit No. 2014-1600, Nov. 6, 2014, pp. 1-50	☐

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	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

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)	2014-04-15
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:	22073653
Application Number:	12941106
International Application Number:	
Confirmation Number:	9016
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE 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-P001XC3C
Receipt Date:	15-APR-2015
Filing Date:	08-NOV-2010
Time Stamp:	18:07:24
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$510
RAM confirmation Number	4624
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		12941106_OAR.pdf	3556434 a945113450487 14bb0d27b3d3e29aab86504eb0a	yes	58

Multipart Description/PDF files in .zip description

Document Description	Start	End
Amendment/Req. Reconsideration-After Non-Final Reject	1	1
Claims	2	9
Applicant Arguments/Remarks Made in an Amendment	10	58

Warnings:

Information:

2	Extension of Time	ExtensionOfTime.pdf	161243 3262b702e70959164f1fdee24512efa7871a78b1	no	2

Warnings:

Information:

3	Transmittal Letter	IDS_Transmittal.pdf	77013 ff8369655d1cb7581f5d753c2867df9b84818ed8	no	2

Warnings:

Information:

4	Information Disclosure Statement (IDS) Form (SB08)	updated_IDS_12941106.pdf	613661 1b376c1a41adcfc04078db9559e687beb6a31b5b	no	6

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.

5	Non Patent Literature	21-Opening_Brief_26.PDF	5164808 1f195a915cfe2d42bf4a3abae9e62034bcce0919	no	178

Warnings:

Information:					
6	Non Patent Literature	22-Opening_Brief_28.PDF	5558387 403005dd9b1c4a733afd7a15a6937070197da011	no	189
Warnings:					
Information:					
7	Non Patent Literature	23-Response_Brief_37.pdf	1340074 5c3fa9f8889c17ba694580defadc7d6bf899b15e	no	82
Warnings:					
Information:					
8	Non Patent Literature	24-Response_Brief_41.pdf	1340077 a9be8476537600860c30028e4de89c9d618b6906	no	82
Warnings:					
Information:					
9	Non Patent Literature	25-Appellant_Reply_Brief_44.pdf	1406904 c537f4d719154b5222a816c30ab061b3f14b281b	no	50
Warnings:					
Information:					
10	Non Patent Literature	26-Appellant_Reply_Brief_51.pdf	1338979 5b5a191d0739c79b4a8e12e2c9f9555372b0a0f1	no	50
Warnings:					
Information:					
11	Fee Worksheet (SB06)	fee-info.pdf	34339 fc26582a235485208560fd2bd0f96793079099a9	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	20591919		

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/22 (03-13)
Approved for use through 3/31/2013. 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.

PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)

Docket Number (Optional): 161539-P001XC3C

Application Number: 12/941,106

Filed: November 8, 2010

For: SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES

Art Unit: 2177

Examiner: Tran, Quoc A.

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above-identified application.

The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):

	Fee	Small Entity Fee	Micro Entity Fee	
☐ One month (37 CFR 1.17(a)(1))	$200	$100	$50	$
☑ Two months (37 CFR 1.17(a)(2))	$600	$300	$150	$ 300
☐ Three months (37 CFR 1.17(a)(3))	$1,400	$700	$350	$
☐ Four months (37 CFR 1.17(a)(4))	$2,200	$1,100	$550	$
☐ Five months (37 CFR 1.17(a)(5))	$3,000	$1,500	$750	$

☐ Applicant asserts small entity status. See 37 CFR 1.27.

☐ Applicant certifies micro entity status. See 37 CFR 1.29.
Form PTO/SB/15A or B or equivalent must either be enclosed or have been submitted previously.

☐ A check in the amount of the fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☐ The Director has already been authorized to charge fees in this application to a Deposit Account.

☑ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 09-0946 (Order No. 161539-P001XC3C).

☑ Payment made via EFS-Web.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

I am the

☐ applicant/inventor.

☐ assignee of record of the entire interest. See 37 CFR 3.71. 37 CFR 3.73(b) statement is enclosed (Form PTO/SB/96).

☑ attorney or agent of record. Registration number 42096.

☐ attorney or agent acting under 37 CFR 1.34. Registration number _____.

/s/ Babak Redjaian — Signature

April 15, 2015 — Date

Babak Redjaian — Typed or printed name

949-760-0991 — Telephone Number

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.

☑ * Total of 4 forms are submitted.

This collection of information is required by 37 CFR 1.136(a). 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 6 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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	: Gary B. Rohrabaugh	Art Unit	: 2177
		Examiner	: Quoc A. Tran
Serial No	: 12/941,106	Conf. No.	: 9016
Filed	: Nov. 8, 2010		
Title	: SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE 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 Action of December 3, 2014 noted certain technical issues with the Applicant's Information Disclosure Statements previously submitted to the Examiner. In particular, the Examiner stated :

> At least one of the information disclosure statements filed on 04/14/2014; 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" fails to identify 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 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.

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 April 15, 2015. /Susan M. Langworthy/

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. The Examiner is invited to contact the undersigned if additional copies of the references are needed.

Additionally, the Applicants are submitting six new references for the Examiner's consideration.

The Commissioner is authorized to charge Deposit Account 09-0946 for the required fee.

Respectfully submitted,

Date: April 15, 2015

/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 Patent Application Fee Transmittal

Application Number:	12941106
Filing Date:	08-Nov-2010
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Filer:	Babak Redjaian/Susan Langworthy
Attorney Docket Number:	161539-P001XC3C

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Claims in excess of 20	2202	3	40	120
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension-of-Time:				
Extension - 2 months with $0 paid	2252	1	300	300
Miscellaneous:				
Submission- Information Disclosure Stmt	2806	1	90	90
		Total in USD ($)		**510**

In the United States Patent and Trademark Office

Serial No.:	12/941,106	**Docket No.:**			161539-P001XC3C
Filed:	November 8, 2010	**Conf.No.:**	9016	**Art Unit:**	2177
Applicant(s):	Gary B. Rohrabaugh, Et Al.	**Examiner:**			Tran, Quoc A.
For:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES				

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

AMENDMENT AND RESPONSE

Madam:

Further to the Non-Final Office Action dated December 3, 2014 (hereinafter "Office Action"), in view of the following amendments and/or remarks, the Applicant, by and through his duly appointed counsel, requests entry thereof and reconsideration of the above-referenced application in view of the following.

Amendments to the Claims are reflected in the listing of claims beginning on page 2 of this Amendment and Response.

Remarks begin on page 10 of this Amendment and Response.

CERTIFICATE OF FILING VIA EFS-WEB

I hereby certtify that this paper (along with any referred to as being attached or enclosed) is being transmitted via electronic filing (EFS-WEB) on April 15, 2015.

/s/ Susan Langworthy

3311785

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. 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 12/941,106	Filing Date 11/08/2010	☐ To be Mailed

ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	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 $310 ($155 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	

APPLICATION AS AMENDED – PART II

AMENDMENT **04/15/2015**

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	* 23	Minus	** 20	= 3	X $40 =	120
Independent (37 CFR 1.16(h))	* 2	Minus	***3	= 0	X $210 =	0
☐ Application Size Fee (37 CFR 1.16(s))						
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
					TOTAL ADD'L FEE	**120**

AMENDMENT

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

LIE
/TARA WITCHER/

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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EXAMINER	
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ART UNIT	PAPER NUMBER
2177	

NOTIFICATION DATE	DELIVERY MODE
07/23/2015	ELECTRONIC

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.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary	Application No. 12/941,106	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 --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS 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 *04/15/2015*.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

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) *1-5,7-9,11,15-18,21-24 and 26-32* 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) *1-5,7-9,11,15-18,21-24 and 26-32* is/are rejected.

8)☐ Claim(s) _____ is/are objected to.

9)☐ Claim(s) _____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, 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.

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☒ The drawing(s) filed on *04/15/2015* 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).

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).

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)).

** 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) ☒ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date *04/15/2015*.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

4) ☐ Other: _____.

DETAILED ACTION

The present application is being examined under the pre-AIA first to invent provisions. This action is a **Final Office Action**, in response to Applicant's amendments and remarks filed 04/15/2015. The current Patent Application was originally filed 11/18/2010.

It is noted the current application is a continuation of 11/738,486, filed 04/21/2007, now U.S. Patent #7831926, 11/738,486 is a continuation of 09/878,097, filed 06/08/2001, now U.S. Patent #7210099 and having 1 RCE-type filing therein 09/878,097 is a continuation in part of 09/828,511, filed 04/07/2001,now abandoned; 09/878,097 Claims Priority from Provisional Application 60/217,345, filed 07/11/2000; 09/87,8097 Claims Priority from Provisional Application 60/211,019, filed ***06/12/2000*** is a division of 09/878,097, filed 06/08/2001,now U.S. Patent #7210099 and having 1 RCE-type filing therein is a division of 11/045,649, filed 01/28/2005 ,now U.S. Patent #7584423 and having 1 RCE-type filing therein is a division of 11/045,757, filed 01/28/2005,now U.S. Patent #7461353. Claims ***1-5, 7-9, 11 and 15-18, 21-24 and 26-32*** are pending. Claims ***1 and 21*** are independent claims. Claims **6, 10, 12-14, 19-20 and 25 have been cancelled** while **claims 30-32 are new**. Examiner acknowledges the "Terminal Disclaimer" filed 10/09/202 and approved.

In addition regarding the priority dated for the currently amended features [i.e., "**form and columns and CSS";** which is not found in the claims priority applications. If the examiner has overlooked the portion of the original Specification that describes this feature of the present invention, thus the priority date for the current patent application

is **06/08/2001**; if the Examiner overlook the limitation said "form and columns and CSS"; then Applicant should point it out (by page number and line number) in the response to this Office Action.

Information Disclosure Statement

The signed and dated copy of applicant's IDS, which was filed on 04/15/2015; is attached to this Office Action.

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).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

Claims 11-5, 7-9, 11 and 15-18, 21-24 and 26-32 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over **Claims 1-1-18** of U.S. Patent US008386959B2 (hereinafter, "the '959" filed 11/29/2010 and published on 02/26/213). Although the conflicting claims ***are not identical,*** but ***they are not patentably distinct from each other*** because they are both exhibiting similar method for retrieving and processing at the mobile device the HTML-based Web content including the HTML code for the at least one form and the multiple columns to translate the ate to generate a scalable vector representation of the Web page.

As recognized by the Examiner, a recites in the current application:

- retrieving and processing at the mobile device the HTML-based Web content including the HTML code for the at least one form and the multiple columns to generate a scalable vector representation of the Web page*...* [Claim 1 of the current application] ;

Vs.

- retrieving HTML-based Web content associated with the Web page having an original format defining an original page layout, functionality, and design of content on the Web page, the content including text content, at least one image, and at least one hyperlink; …wherein preservation of the functionality includes preservation of hyperlink functionality; and enabling a user of the mobile device to zoom in on an image via a user input …. [Claim 1 of '959]; wherein preservation of functionality includes preservation of input form functionality [Claim 17 of '959].

Accordingly, it would have been obvious to one of ordinary skill in the art at the time of the invention to reasonably interprets an the HTML-based Web content including the HTML code for the at least one form and the multiple columns to translate the ate to generate a scalable vector representation of the Web page…of the current amended claims;

Vs.

retrieving HTML-based Web content associated with the Web page having an original format defining an original page layout, functionality, and design of content on the Web page, the content including text content, at least one image, and at least one hyperlink; …wherein preservation of the functionality includes preservation of hyperlink functionality; and enabling a user of the mobile device to zoom in on an image via a user input …. [Claim 1 of '959]; wherein preservation of functionality includes preservation of input form functionality [Claim 17 of '959]….which is in fact THE SAME

INVNETION; since they are both utilized the same ***display control module*** configured to control the display unit to.

Thus they are both exhibiting similar method for retrieving and processing at the mobile device the HTML-based Web content including the HTML code for the at least one form and the multiple columns to translate the ate to generate a scalable vector representation of the Web page.

This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

Claim Rejections - 35 USC § 112

> The following is a quotation of 35 U.S.C. 112 (pre-AIA), first paragraph:
> The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 1-20 rejected under 35 U.S.C. 112(a) or **35 U.S.C. 112 (pre-AIA), first paragrap**h, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor or a joint inventor, or for pre-AIA the inventor(s), at the time the application was filed, had possession of the claimed invention.

Claim 30 recites the limitation "***a non-predefine zoom level"***. There is **no** mention in the original/current Specification of this feature, the current specification in Para 46 of the PGPUB, which is stated, "… 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**, …" which is not the same as "a non-predefine zoom level" as claimed

The examiner notes that the limitation is a "negative" limitation (i.e., "***a non-predefine zoom level***"). The examiner also notes that "[a]ny negative limitation or exclusionary provision must have basis in the original disclosure." In re Johnson, 558 F.2d 1008, 1019, 194 USPQ 187, 196 (CCPA 1977).

If the examiner has overlooked the portion of the original Specification that describes this feature of the present invention, then Applicant should point it out (by page number and line number) in the response to this Office Action.

Applicant may obviate these rejections by canceling the claims.

Claim Rejections - 35 USC § 112

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.

Claim 15 contains the trademark/trade name Internet Explorer™; where a trademark or trade name is used in a claim as a limitation to identify or describe a particular material or product, the claim does not comply with the requirements of **35 U.S.C. 112, second paragraph**. See *Ex parte Simpson*, 218 USPQ 1020 (Bd. App. 1982). The claim scope is uncertain since the trademark or trade name cannot be used properly to identify any particular material or product. A trademark or trade name is used to identify a source of goods, and not the goods themselves. Thus, a trademark or trade name does not identify or describe the goods associated with the trademark or trade name. In the present case, the trademark/trade name is used to identify/describe a type of transmission and, accordingly, the identification/description is indefinite. It is

recommended that the use of the terms “Internet Explorer” be deleted from the claims and words descriptive of what applicant interprets browser be used in place.

In addition, Claim 30 is 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 reason:

Claim 30 recites the limitation "a non-predefine zoom level”, render the claims indefinite, because this term "a non-predefine zoom level” which is not define the claim terms. Thus one of ordinary skill in the art would not be reasonably apprised of the scope of the invention.

In the interest of compact prosecution, the application is further examined against the prior art WITH THE ASSUMTION THAT the limitation said a non-predefine zoom level at best means user defines the level of zooming to the webpage html content.

If the examiner has overlooked the portion of the original Specification that describes this feature of the present invention, then Applicant should point it out (by page number and line number) in the response to this Office Action.

Applicant may obviate these rejections by canceling the claims.

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 1-5, 7-9, 11, 15-18, 21-24, 26-28 and 30-32 are rejected under 35 U.S.C. 103(a) (pre-AIA first to invent provisions) as being unpatentable over **Orbanes**, et al., ("US20010052110A1" filed 02/14/2001 [hereinafter "Orbanes"], in view of **Arora** et al.,("US005911145A ", filed 07/29/1996 [hereinafter "Arora"].

*Regarding **independent claim 1**,*

Orbanes teaches:

requesting through a mobile device having a touch-sensitive display a Web page comprising HTML-based Web content defining an original page layout, functionality, and design for viewing on a commercially available desktop browser, said HTML-based Web content including HTML code for … multiple columns; retrieving and processing at the mobile device the HTML-based Web content including the HTML code for the at least one form and the multiple columns to generate a scalable vector representation of the Web page;

(Orbanes is related to a **handheld wireless navigation device** that can be used as a user control in conjunction with the viewing system [Para 52 and Fig. 27].

In addition Orbanes further discloses **vector graphic appearances;** which define the appearance of data objects as coordinates of lines and shapes, using x, y coordinates; where a delivery of text and vector images **creates a real-time experience for users** utilizing the zooming and panning to arrive at the "leaves" level display [Para 126-128]; wherein "**browser"** will be understood to comprise software and/or hardware for navigating, viewing, and interacting with local and/or remote information. Examples of browsers include, but are not limited to Netscape Navigator and Communicator, Internet Explorer, and Mosaic [Para(s) 5-10];

Also Orbanes includes **"fisheye" which is a region**, illustratively circular, in the display that acts conceptually as a magnified zoom lens. According to a fisheye feature, the viewing system 1000 expands and shows more detail of the appearance of the data objects within the fisheye region. In one embodiment, these concepts are used in combination with a breadcrumb trail. For example, in response to the user locating the cursor or moving the "fisheye" on a particular hierarchical level of a breadcrumb trail the viewing system 1000 displays the contents of that particular hierarchical level. According to one embodiment, the viewing system 1000 displays such contents via a text information bar. Thus, these functions **enable the user to preview a data object on a different hierarchical level, without actually having to change the viewing perspective to that level, and to make enhanced usage of the breadcrumb trails** illustrated in FIG. 16 [Para 130 and fig(s) 16 and 18].

In addition, Orbanes further mentions in FIG. 3A, the results of zooming in. In this embodiment, the abstraction of the "mouse" software article 102b includes, on the left,

input ports, respectively labeled "MIN X" 302, "MAX X" 304, "MINY" 306 and "MAX Y" 308. These inputs **define the range of motion of an object**, such as a cursor, in Cartesian coordinates, **such as columns and rows, respectively, of a displ**ay. An input depicted by the line or wire 310 is shown going to port "MIN X" 302 from a source not shown. On the right side of the embodiment are three output ports, respectively labeled "HORIZONTAL" 320, "VERTICAL" 322, and "CLICK" 324. The output ports indicate the horizontal position of a mouse, the vertical position of the mouse, and the state of a mouse button, respectively. In this embodiment, there are two indicators 330, and 332 that indicate whether the software article represented by the abstraction will automatically transmit data (indicator 330 active) or transmit data only upon command of the user who activates indicator 332, for example with a pointing device such as a mouse. Finally, in this embodiment, the abstraction further includes a simulated mouse pad 340 and a simulated mouse 342, which moves about the mouse pad in conformity with the input signals obtained form an associated input device, such as a real mouse pointer operated by the user [Para 63 and Fig 3A].)

Orbanes teaches:

rendering the Web page on the touch-sensitive display utilizing the scalable vector representation to produce a first view of the Web page at a first zoom level that preserves the original page layout, functionality and design defined by the HTML-based Web content including the at least one form and the multiple columns relative to the original page layout,

functionality and design defined by the HTML-based Web content including …. the multiple columns when rendered by the commercially available desktop browser;

(Orbanes is related to a **handheld wireless navigation device** that can be used as a user control in conjunction with the viewing system [Para 52 and Fig. 27].

In addition Orbanes further discloses **vector graphic appearances;** which define the appearance of data objects as coordinates of lines and shapes, using x, y coordinates; where a delivery of text and vector images **creates a real-time experience for users** utilizing the zooming and panning to arrive at the "leaves" level display [Para 126-128];

Also Orbanes includes **"fisheye" which is a region**, illustratively circular, in the display that acts conceptually as a magnified zoom lens. According to a fisheye feature, the viewing system 1000 expands and shows more detail of the appearance of the data objects within the fisheye region. In one embodiment, these concepts are used in combination with a breadcrumb trail. For example, in response to the user locating the cursor or moving the "fisheye" on a particular hierarchical level of a breadcrumb trail the viewing system 1000 displays the contents of that particular hierarchical level. According to one embodiment, the viewing system 1000 displays such contents via a text information bar. Thus, these functions **enable the user to preview a data object on a different hierarchical level, without actually having to change the viewing perspective to that level, and to make enhanced usage of the breadcrumb trails** illustrated in FIG. 16 [Para 130 and fig(s) 16 and 18];

Wherein viewing material on a display that use panning (e.g. two-dimensional motion parallel to the plane of the display) and zooming (e.g. motion perpendicular of the plane of the display). The zooming and panning features enable the user to easily navigate the programmed design over many orders of magnitude to grasp both micro and macro operation. The zoom and pan is smooth and analogous with nearly infinite degrees of zoom and having a nearly infinitely sized display space [Para 8];

Also Orbanes allows panning and zooming, the operation of which is described in greater detail below with respect to FIGS. 10-25, are shown in FIGS. 1A, 2 and 3A. The user interface 100 provides a "virtual camera" that enables a user to smoothly pan over and zoom in and out of a work space [Para 62];

Orbanes teaches:

re-rendering the Web page utilizing the scalable vector representation in response to associated user inputs to iteratively zoom in and out views of the Web page at multiple different zoom levels while preserving the original page layout, functionality, and design defined by the HTML-based Web content including the at least one form and the multiple columns relative to the original page layout, functionality and design defined by the HTML-based Web content including the at least one form and the multiple columns when rendered by the commercially available desktop browser;

(Orbanes further discloses **vector graphic appearances;** which define the appearance of data objects as coordinates of lines and shapes, using x, y coordinates; where a delivery of text and vector images **creates a real-time experience for users** utilizing the zooming and panning to arrive at the "leaves" level display [Para 126-128]; that **enable the user to preview a data object on a different hierarchical level, without actually having to change the viewing perspective to that level, and to make enhanced usage of the breadcrumb trails** illustrated in FIG. 16 [Para 130 and fig(s) 16 and 18];

Wherein viewing material on a display that use panning (e.g. two-dimensional motion parallel to the plane of the display) and zooming (e.g. motion perpendicular of the plane of the display). The zooming and panning features enable the user to easily navigate the programmed design over many orders of magnitude to grasp both micro and macro operation. The zoom and pan is smooth and analogous with nearly infinite degrees of zoom and having a nearly infinitely sized display space [Para 8];

Also Orbanes allows panning and zooming, the operation of which is described in greater detail below with respect to FIGS. 10-25, are shown in FIGS. 1A, 2 and 3A. The user interface 100 provides a "virtual camera" that enables a user to smoothly pan over and zoom in and out of a work space [Para 62];

In addition Orbanes further includes the SZML format; which is vector based. Vector graphic appearances enable the appearance of data objects to be transmitted and displayed quickly and with little resources. Using the SZML format gives the user a viewing experience like they are looking at a true three dimensional ZML formatted

environment, while in reality the user is navigating a graphical presentation optimized for a reduced size, two-dimensional display. In the illustrative embodiment, the SZML format provides the content author ultimate and explicit control of what the appearance user sees on the screen, the SZML format is based on `Screens` described by a series of vector graphic appearance elements such as rectangles, text, axes, and polygons. The SZML elements are described by a mark-up language, and as such, uses tags to describe attributes [Para 162]; where the extractor module 1002 and stylizer module 1004 convert the content into the ZML format [Para 137]; the extractor module 1002 extracts each displayable element from a Web page. Each element becomes a data object. The mapping module 1016, preferably, creates a hierarchical relationship between the data objects based on the value of the font size of the element. The mapping module 1016 positions those data objects (e.g., HTML elements) with a larger value font size higher in the hierarchical relationship than those data objects with a smaller value font size. Additionally, the mapping module 1016, preferably, uses the location of each element in the Web page as a factor in creating the hierarchical relationship. More particularly, the mapping module 1016 locates those elements that are next to each other on the Web page, near each other in the hierarchical relationship [Para(s) 148-149].)

In addition, Orbanes further mentions the Web page (e.g., HTML document); the HTML elements (e.g., 2102b-2102c); hierarchical structure 2102. For example, as shown, the first **HTML element encountered is a table 2102b**. The table 2102b

includes a first row 2102c. The first row 2102c includes a first cell 2102d… [Para 147] However, Orbanes does not expressly teach the limitation said … HTML-based Web content including **HTML code for at least one form** …as claimed. But *Arora teaches*:

… HTML-based Web content including HTML code for at least one form…;

(Arora provide a method and apparatus for a structure editor implementing a "top-down" approach to designing a Web page [the Abstract]; where **HTML** features that extend the HTML language, including **forms and tables** [column 1 lines 25-36];

In addition Arora further provides a user views a Web page using one of a number of commercially available "browser" programs column 1 lines 36-45]; also further includes a "Tools" window 324. Tools window 324 includes a "cursor" tool, and "zoom in" and "zoom out" tools, as are known in the art. Depending on the implementation used, windows are also called "dialog boxes [column 6 lines 5-16]; further Arora further mentions HTML Generation for a Page; where an HTML table. Step 3502 writes a table tag including a border of zero width and cellpadding and cellspacing of zero. Step 3504 generates a table header including column and width definitions for the HTML table. Steps 3506-3518 go through each row and column of the matrix to generate a plurality of cells in the HTML table. Some of the cells in the HTML table can be several columns wide and/or several rows high. Step 3520 generates an end of table tag [column 13 lines 25-60].)

Accordingly, it would have been obvious to one of ordinary skill in the art at the time of the invention to modify Orbanes' handheld wireless navigation device and vector

graphic zooming and panning web page content, to include … HTML-based Web content including HTML code for at least one form…as taught by Arora, that enables the user to view the data objects from an adjustable viewing perspective in the multi-dimensional, virtual space 1010, instead of the two-dimensional viewing perspective of a typical Web page [In Orbanes Para 135]. It is noted the KSR ruling recommends references directed to similar subject matter to be combine.

Claims 2-4,

Orbanes and Arora further disclose:

the mobile device comprises a mobile phone; enabling the user to zoom in on a user- selectable portion of a display of the Web page in response to a user interface input made via the touch-sensitive display; wherein the display of the Web page is re-rendered in real-time to effect zooming operations.

(Orbanes mentions **a handheld wireless navigation device** that can be used as a user control in conjunction with the viewing system [Para 52 and Fig. 27]. In addition Orbanes further discloses vector graphic appearances; which define the appearance of data objects as coordinates of lines and shapes, using x, y coordinates; where a delivery of text and vector images creates **a real-time experience for users** utilizing the **zooming and panning** to arrive at the "leaves" level display [Para 126-128]; provides the extractor module 1002 and stylizer module 1004 convert the content into

the **ZML format** [Para 137]; the extractor module 1002 extracts each displayable element from a Web page. Each element becomes a data object. The mapping module 1016, preferably, creates a hierarchical relationship between the data objects based on the value of the font size of the element. The mapping module 1016 positions those data objects (e.g., HTML elements) with a larger value font size higher in the hierarchical relationship than those data objects with a smaller value font size. Additionally, the mapping module 1016, preferably, uses the location of each element in the Web page as a factor in creating the hierarchical relationship. More particularly, the mapping module 1016 locates those elements that are next to each other on the Web page, near each other in the hierarchical relationship [Para(s) 148-149].)

Claim 5,

Orbanes and Arora further disclose:

wherein the Web page includes at least one hyperlink, the method further comprising: enabling a user to select a hyperlink via the touch-sensitive display; and, in response thereto, retrieving and processing HTML-based Web content associated with the hyperlink to translate the HTML-based Web content associated with the hyperlink into an additional scalable vector representation; and employing the additional scalable vector representation and/or data derived therefrom to render the Web content associated with the hyperlink on the touch-sensitive display.

(Orbanes mentions **a handheld wireless navigation device** that can be used as a user control in conjunction with the viewing system [Para 52 and Fig. 27]. In addition Orbanes further discloses vector graphic appearances; which define the appearance of data objects as coordinates of lines and shapes, using x, y coordinates; where a delivery of text and vector images creates **a real-time experience for users** utilizing the **zooming and panning** to arrive at the "leaves" level display [Para 126-128]; provides the extractor module 1002 and stylizer module 1004 convert the content into the **ZML format** [Para 137]; the extractor module 1002 extracts each **displayable element from a Web page**. Each element becomes a data object. The mapping module 1016, preferably, creates a hierarchical relationship between the data objects based on the value of the font size of the element. The mapping module 1016 positions those data objects (e.g., HTML elements) with a larger value font size higher in the hierarchical relationship than those data objects with a smaller value font size. Additionally, the mapping module 1016, preferably, uses the location of each element in the Web page as a factor in creating the hierarchical relationship. More particularly, the mapping module 1016 locates those elements that are next to each other on the Web page, near each other in the hierarchical relationship [Para(s) 147-149].)

Claim 7,

Orbanes and Arora further disclose:

enabling a user to pan views of the Web page in real-time in response to corresponding user inputs made via the touch-sensitive display.

(Orbanes mentions **a handheld wireless navigation device** that can be used as a user control in conjunction with the viewing system [Para 52 and Fig. 27]. In addition Orbanes further discloses vector graphic appearances; which define the appearance of data objects as coordinates of lines and shapes, using x, y coordinates; where a delivery of text and vector images creates **a real-time experience for users** utilizing the **zooming and panning** to arrive at the "leaves" level display [Para 126-128].)

Claim 8,

Orbanes and Arora further disclose:

enabling a user to zoom in on a first of the multiple columns by tapping on the first column via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that the first column is displayed to fit a width of a display area of the touch-sensitive display, the display area used for displaying Web page content.

(Orbanes mentions **a handheld wireless navigation device** that can be used as a user control in conjunction with the viewing system [Para 52 and Fig. 27]. In addition

Orbanes further discloses vector graphic appearances; which define the appearance of data objects as coordinates of lines and shapes, using x, y coordinates; where a delivery of text and vector images creates **a real-time experience for users** utilizing the **zooming and panning** to arrive at the "leaves" level display [Para 126-128].

In addition, Orbanes further mentions in FIG. 3A, the results of zooming in. In this embodiment, the abstraction of the "mouse" software article 102b includes, on the left, input ports, respectively labeled "MIN X" 302, "MAX X" 304, "MINY" 306 and "MAX Y" 308. These inputs **define the range of motion of an object**, such as a cursor, in Cartesian coordinates, **such as columns and rows, respectively, of a displ**ay. An input depicted by the line or wire 310 is shown going to port "MIN X" 302 from a source not shown. On the right side of the embodiment are three output ports, respectively labeled "HORIZONTAL" 320, "VERTICAL" 322, and "CLICK" 324. The output ports indicate the horizontal position of a mouse, the vertical position of the mouse, and the state of a mouse button, respectively. In this embodiment, there are two indicators 330, and 332 that indicate whether the software article represented by the abstraction will automatically transmit data (indicator 330 active) or transmit data only upon command of the user who activates indicator 332, for example with a pointing device such as a mouse. Finally, in this embodiment, the abstraction further includes a simulated mouse pad 340 and a simulated mouse 342, which moves about the mouse pad in conformity with the input signals obtained form an associated input device, such as a real mouse pointer operated by the user [Para 63 and Fig 3A].)

Claim 9,

Orbanes and Arora further disclose:

wherein the HTML-based Web content includes at least one image, the method further comprising enabling a user to zoom on an image by tapping on the image via the touch-sensitive display, wherein in response thereto, the display is re- rendered such that the image is displayed to fit a width of a display area of the touch-sensitive display, the display area used for displaying the HTML-based Web content..

(Orbanes mentions **a handheld wireless navigation device** that can be used as a user control in conjunction with the viewing system [Para 52 and Fig. 27]. In addition Orbanes further discloses vector graphic appearances; which define the appearance of data objects as coordinates of lines and shapes, using x, y coordinates; where a delivery of text and vector images creates **a real-time experience for users** utilizing the **zooming and panning** to arrive at the "leaves" level display [Para 126-128]. It is noted the image software article 810 uses one or more of files formatted according to protocols such as the bitmap (.bmp) protocol, the JPEG (.jpg) protocol, or such image file protocols as .tif, gif, .pcx, .cpt, .psd, .pcd, .wmf, .emf, .wpg, .emx, and .fpx [Para 90];

In addition, Orbanes further mentions in FIG. 3A, the results of zooming in. In this embodiment, the abstraction of the "mouse" software article 102b includes, on the left, input ports, respectively labeled "MIN X" 302, "MAX X" 304, "MINY" 306 and "MAX Y" 308. These inputs **define the range of motion of an object**, such as a cursor, in

Cartesian coordinates, **such as columns and rows, respectively, of a displ**ay. An input depicted by the line or wire 310 is shown going to port "MIN X" 302 from a source not shown. On the right side of the embodiment are three output ports, respectively labeled "HORIZONTAL" 320, "VERTICAL" 322, and "CLICK" 324. The output ports indicate the horizontal position of a mouse, the vertical position of the mouse, and the state of a mouse button, respectively. In this embodiment, there are two indicators 330, and 332 that indicate whether the software article represented by the abstraction will automatically transmit data (indicator 330 active) or transmit data only upon command of the user who activates indicator 332, for example with a pointing device such as a mouse. Finally, in this embodiment, the abstraction further includes a simulated mouse pad 340 and a simulated mouse 342, which moves about the mouse pad in conformity with the input signals obtained form an associated input device, such as a real mouse pointer operated by the user [Para 63 and Fig 3A].)

Claim 11,

Orbanes and Arora further disclose:

HTML code in the HTML- based Web content of the Web page defines a Web page width, the method further comprising: interpreting the HTML code to determine the Web page width; and rendering a view of the Web page wherein the Web page width is rendered to fit across a width of a display area of the touch-sensitive display, the display area used for displaying Web page content.

(Orbanes mentions **a handheld wireless navigation device** that can be used as a user control in conjunction with the viewing system [Para 52 and Fig. 27]. In addition Orbanes further discloses vector graphic appearances; which define the appearance of data objects as coordinates of lines and shapes, using x, y coordinates; where a delivery of text and vector images creates **a real-time experience for users** utilizing the **zooming and panning** to arrive at the "leaves" level display [Para 126-128].

In addition, Orbanes further mentions in FIG. 3A, the results of zooming in. In this embodiment, the abstraction of the "mouse" software article 102b includes, on the left, input ports, respectively labeled "MIN X" 302, "MAX X" 304, "MINY" 306 and "MAX Y" 308. These inputs **define the range of motion of an object**, such as a cursor, in Cartesian coordinates, **such as columns and rows, respectively, of a displ**ay. An input depicted by the line or wire 310 is shown going to port "MIN X" 302 from a source not shown. On the right side of the embodiment are three output ports, respectively labeled "HORIZONTAL" 320, "VERTICAL" 322, and "CLICK" 324. The output ports indicate the horizontal position of a mouse, the vertical position of the mouse, and the state of a mouse button, respectively. In this embodiment, there are two indicators 330, and 332 that indicate whether the software article represented by the abstraction will automatically transmit data (indicator 330 active) or transmit data only upon command of the user who activates indicator 332, for example with a pointing device such as a mouse. Finally, in this embodiment, the abstraction further includes a simulated mouse pad 340 and a simulated mouse 342, which moves about the mouse pad in conformity

with the input signals obtained form an associated input device, such as a real mouse pointer operated by the user [Para 63 and Fig 3A].)

Claim 15,

Orbanes and Arora further disclose:

wherein the commercially available desktop browser comprises Internet Explorer.

(Orbanes mentions "**browser"** will be understood to comprise software and/or hardware for navigating, viewing, and interacting with local and/or remote information. Examples of browsers include, but are not limited to Netscape Navigator and Communicator, Internet Explorer, and Mosaic [Para(s) 5-10].)

Claim 16,

Orbanes and Arora further disclose:

wherein the HTML-based Web content further includes HTML code for defining the layout for at least one table.

(Orbanes further mentions the Web page (e.g., HTML document); the HTML elements (e.g., 2102b-2102c); hierarchical structure 2102. For example, as shown, the first **HTML element encountered is a table 2102b**. The table 2102b includes a first row 2102c. The first row 2102c includes a first cell 2102d…. [Para 147])

Claim 17,

Orbanes and Arora further disclose:

wherein the HTML-based Web content further includes HTML code for two or more frames.

(Orbanes further mentions to zoom enable a typical Web site, the mapping module 1016 extracts from the Web site a data hierarchy. HTML pages are a mix of data and formatting instructions for that data. HTML pages also include links to data, which may be on the same page or a different page. In one embodiment, the mapping module 1016 "crawls" a Web site and identifies a "home" data node (for example, on the home page) and the name of the company or service. Next, the mapping module 1016 identifies the primary components of the service such as, for example, a table of contents, along with the main features such as "order," "contact us," "registration," "about us," and the like. Then the mapping module 1016 recursively works through the sub-sections and sub-subsections, until it reaches "leaf nodes" which are products, services, or nuggets of information (i.e., ends of the node tree branches [Para 145]. [i.e., two or more frames]

Claim 18,

Orbanes and Arora further disclose:

wherein the HTML-based Web content further comprises Cascading Style Sheets (CSS) content defining at least one of the original page layout and design of the Web page, and wherein the commercially available desktop browser is configured to interpret CSS content.

(Orbanes further discloses vector graphic appearances; which define the appearance of data objects as coordinates of lines and shapes, using x, y coordinates; where a delivery of text and vector images creates **a real-time experience for users** utilizing the **zooming and panning** to arrive at the "leaves" level display [Para 126-128].

In addition Orbanes further includes the SZML format; which is vector based. Vector graphic appearances enable the appearance of data objects to be transmitted and displayed quickly and with little resources. Using the SZML format gives the user a viewing experience like they are looking at a true three dimensional ZML formatted environment, while in reality the user is navigating a graphical presentation optimized for a reduced size, two-dimensional display. In the illustrative embodiment, the SZML format provides the content author ultimate and explicit control of what the appearance user sees on the screen, the SZML format is based on `Screens` described by a series of vector graphic appearance elements such as rectangles, text, axes, and polygons. The SZML elements are described by a mark-up language, and as such, uses tags to describe attributes [Para 162]; where the extractor module 1002 and **stylizer module**

1004 convert the content into the ZML format [Para 137]; the extractor module 1002 extracts each displayable element from a Web page. Each element becomes a data object. The mapping module 1016, preferably, creates a hierarchical relationship between the data objects based on the value of the font size of the element. The mapping module 1016 positions those data objects (e.g., HTML elements) with a larger value font size higher in the hierarchical relationship than those data objects with a smaller value font size. Additionally, the mapping module 1016, preferably, uses the location of each element in the Web page as a factor in creating the hierarchical relationship. More particularly, the mapping module 1016 locates those elements that are next to each other on the Web page, near each other in the hierarchical relationship [Para(s) 148-149].

It is noted the stylizer module 1004 converts the data objects from their W3C standard language format (e.g., XML) into a virtual space language format (e.g., ZML SZML, referred to generally as ZML). The ZML format enables the user to **view the data objects from an adjustable viewing perspective in the multi-dimensional**, virtual space 1010, instead of the two-dimensional viewing perspective of a typical Web page. **The stylizer module 1004 uses one or more templates 1005 to aid in the conversion.** The one or more templates, 1005 hereinafter referred to as the template 1005 include two sub-portions, a spatial layout style portion 1005a and a content style portion 1005b. The spatial layout style portion 1005a relates the data objects in a hierarchical fashion according a physical paradigm. The contents style portion 1005b defines how the data object are rendered to the user. The stylizer module 1004 is also

in communication with the protocolizer module 1006. The stylizer module 1004 transmits the data objects, now in ZML format, to the protocolizer module 1006 [Para 135]; where The protocolizer module 1006 converts the data objects to established protocols (e.g., WAP, HTML, GIF, Macromedia FLASH.TM.) to communicate with a plurality of available clients 1014 (e.g., televisions; personal computers; laptop computers; wearable computers; personal digital assistants; wireless telephones; kiosks; key chain displays; watch displays; touch screens; aircraft; watercraft; and/or automotive displays) and browsers 1018 (e.g., Microsoft Internet Explorer.TM., Netscape Navigator.TM.) to display the data objects from the user's viewing perspective in a navigable, multi-dimensional virtual space 1010. The browser 1018 is hardware and/or software for navigating, viewing and interacting with local and/or remote information [Para 136].

It is reasonably to interpret the Orbanes' the stylizer module 1004 uses one or more templates 1005 to aid in the conversion of web html content; which is conceptually similar to Cascading Style Sheets (CSS) content as claimed.

Claims 21-28, are fully incorporated similar subject of claims [1+8], 1, 1, 5, 9, 16-17 cited above, and are similarly rejected along the same rationale.

Claim 30,

Orbanes and Arora further disclose:

wherein said multiple different zoom levels include at least one non-predefined zoom level.

(Orbanes further discloses "fisheye" refers to a region, illustratively circular, in the display that acts conceptually as a magnified zoom lens. According to a fisheye feature, the viewing system 1000 expands and shows more detail of the appearance of the data objects within the fisheye region [Para 130]; which is reasonably to interprets as non-predefined zoom level as claimed.)

Claim 31,

Orbanes and Arora further disclose:

wherein the Web page includes at least one paragraph, the method further comprising enabling a user to zoom on the at least one paragraph by tapping on the at least one paragraph via the touch-sensitive display, wherein in response thereto, the display is re- rendered such that the at least one paragraph is displayed to fit a width of a display area of the touch- sensitive display, the display area used for displaying the HTML-based Web content.

(Orbanes further discloses the SZML format is based on `Screens` described by a series of vector graphic appearance elements such as rectangles, text [paragraph],

axes, and polygons. The SZML elements are described by a mark-up language, and as such, uses tags to describe attributes [Para 162]; where the extractor module 1002 and **stylizer module 1004 convert the content into the ZML format** [Para 137]; the extractor module 1002 extracts each displayable element from a Web page. Each element becomes a data object. The mapping module 1016, preferably, creates a hierarchical relationship between the data objects based on the value of the font size of the element. The mapping module 1016 positions those data objects (e.g., HTML elements) with a larger value font size higher in the hierarchical relationship than those data objects with a smaller value font size. Additionally, the mapping module 1016, preferably, uses the location of each element in the Web page as a factor in creating the hierarchical relationship. More particularly, the mapping module 1016 locates those elements that are next to each other on the Web page, near each other in the hierarchical relationship [Para(s) 148-149].

It is noted the stylizer module 1004 converts the data objects from their W3C standard language format (e.g., XML) into a virtual space language format (e.g., ZML SZML, referred to generally as ZML). The ZML format enables the user to **view the data objects from an adjustable viewing perspective in the multi-dimensional**, virtual space 1010, instead of the two-dimensional viewing perspective of a typical Web page. **The stylizer module 1004 uses one or more templates 1005 to aid in the conversion.** The one or more templates, 1005 hereinafter referred to as the template 1005 include two sub-portions, a spatial layout style portion 1005a and a content style portion 1005b. The spatial layout style portion 1005a relates the data objects in a

hierarchical fashion according a physical paradigm. The contents style portion 1005b defines how the data object are rendered to the user. The stylizer module 1004 is also in communication with the protocolizer module 1006. The stylizer module 1004 transmits the data objects, now in ZML format, to the protocolizer module 1006 [Para 135]; where The protocolizer module 1006 converts the data objects to established protocols (e.g., WAP, HTML, GIF, Macromedia FLASH.TM.) to communicate with a plurality of available clients 1014 (e.g., televisions; personal computers; laptop computers; wearable computers; personal digital assistants; wireless telephones; kiosks; key chain displays; watch displays; touch screens; aircraft; watercraft; and/or automotive displays) and browsers 1018 (e.g., Microsoft Internet Explorer.TM., Netscape Navigator.TM.) to display the data objects from the user's viewing perspective in a navigable, multi-dimensional virtual space 1010. The browser 1018 is hardware and/or software for navigating, viewing and interacting with local and/or remote information [Para 136].)

Claim 32,

Orbanes and Arora further disclose:

wherein under the first view the Web page width is rendered to fit across the width of the display area of the touch-sensitive display, the display area used for displaying the HTML-based Web content.

(Orbanes further discloses the SZML format is based on `Screens` described by a series of vector graphic appearance elements such as rectangles, text [paragraph], axes, and polygons. The SZML elements are described by a mark-up language, and as such, uses tags to describe attributes [Para 162]; where the extractor module 1002 and **stylizer module 1004 convert the content into the ZML format** [Para 137]; the extractor module 1002 extracts each displayable element from a Web page. Each element becomes a data object. The mapping module 1016, preferably, creates a hierarchical relationship between the data objects based on the value of the font size of the element. The mapping module 1016 positions those data objects (e.g., HTML elements) with a larger value font size higher in the hierarchical relationship than those data objects with a smaller value font size. Additionally, the mapping module 1016, preferably, uses the location of each element in the Web page as a factor in creating the hierarchical relationship. More particularly, the mapping module 1016 locates those elements that are next to each other on the Web page, near each other in the hierarchical relationship [Para(s) 148-149].

It is noted the stylizer module 1004 converts the data objects from their W3C standard language format (e.g., XML) into a virtual space language format (e.g., ZML SZML, referred to generally as ZML). The ZML format enables the user to **view the data objects from an adjustable viewing perspective in the multi-dimensional**, virtual space 1010, instead of the two-dimensional viewing perspective of a typical Web page. **The stylizer module 1004 uses one or more templates 1005 to aid in the conversion.** The one or more templates, 1005 hereinafter referred to as the template

1005 include two sub-portions, a spatial layout style portion 1005a and a content style portion 1005b. The spatial layout style portion 1005a relates the data objects in a hierarchical fashion according a physical paradigm. The contents style portion 1005b defines how the data object are rendered to the user. The stylizer module 1004 is also in communication with the protocolizer module 1006. The stylizer module 1004 transmits the data objects, now in ZML format, to the protocolizer module 1006 [Para 135]; where The protocolizer module 1006 converts the data objects to established protocols (e.g., WAP, HTML, GIF, Macromedia FLASH.TM.) to communicate with a plurality of available clients 1014 (e.g., televisions; personal computers; laptop computers; wearable computers; personal digital assistants; wireless telephones; kiosks; key chain displays; watch displays; touch screens; aircraft; watercraft; and/or automotive displays) and browsers 1018 (e.g., Microsoft Internet Explorer.TM., Netscape Navigator.TM.) to display the data objects from the user's viewing perspective in a navigable, multi-dimensional virtual space 1010. The browser 1018 is hardware and/or software for navigating, viewing and interacting with local and/or remote information [Para 136].)

Claims 29 are rejected under 35 U.S.C. 103(a) (pre-AIA first to invent provisions) as being unpatentable over **Orbanes**, et al., ("US20010052110A1" filed 02/14/2001 [hereinafter "Orbanes"], in view of **Arora** et al.,("US005911145A ", filed 07/29/1996 [hereinafter "Arora"], and further in view of **Chui** (US20020018072A1-Provosional 60/203,494 filed 05/11/2000) [hereinafter "Chui"].

Claim 29,

Orbanes and Arora further teach:

parsing HTML-based code corresponding to the Web page to determine an original page layout of the HTML-based Web content on the Web page;

(Orbanes further mentions header files can be parsed to identify the different input and output ports to use and the type of data that is to be transmitted or received (Para 94]; where the SZML format is based on `Screens` described by a series of vector graphic appearance elements such as rectangles, text, axes, and polygons. The SZML elements are described by a mark-up language, and as such, uses tags to describe attributes [Para 162]; where the extractor module 1002 and **stylizer module 1004 convert the content into the ZML format** [Para 137]; the extractor module 1002 extracts each displayable element from a Web page. Each element becomes a data object. The mapping module 1016, preferably, creates a hierarchical relationship between the data objects based on the value of the font size of the element. The mapping module 1016 positions those data objects (e.g., HTML elements) with a larger

value font size higher in the hierarchical relationship than those data objects with a smaller value font size. Additionally, the mapping module 1016, preferably, uses the location of each element in the Web page as a factor in creating the hierarchical relationship. More particularly, the mapping module 1016 locates those elements that are next to each other on the Web page, near each other in the hierarchical relationship [Para(s) 148-149].

It is noted the stylizer module 1004 converts the data objects from their W3C standard language format (e.g., XML) into a virtual space language format (e.g., ZML SZML, referred to generally as ZML). The ZML format enables the user to **view the data objects from an adjustable viewing perspective in the multi-dimensional**, virtual space 1010, instead of the two-dimensional viewing perspective of a typical Web page. **The stylizer module 1004 uses one or more templates 1005 to aid in the conversion.** The one or more templates, 1005 hereinafter referred to as the template 1005 include two sub-portions, a spatial layout style portion 1005a and a content style portion 1005b. The spatial layout style portion 1005a relates the data objects in a hierarchical fashion according a physical paradigm. The contents style portion 1005b defines how the data object are rendered to the user. The stylizer module 1004 is also in communication with the protocolizer module 1006. The stylizer module 1004 transmits the data objects, now in ZML format, to the protocolizer module 1006 [Para 135]; where The protocolizer module 1006 converts the data objects to established protocols (e.g., WAP, HTML, GIF, Macromedia FLASH.TM.) to communicate with a plurality of available clients 1014 (e.g., televisions; personal computers; laptop

computers; wearable computers; personal digital assistants; wireless telephones; kiosks; key chain displays; watch displays; touch screens; aircraft; watercraft; and/or automotive displays) and browsers 1018 (e.g., Microsoft Internet Explorer.TM., Netscape Navigator.TM.) to display the data objects from the user's viewing perspective in a navigable, multi-dimensional virtual space 1010. The browser 1018 is hardware and/or software for navigating, viewing and interacting with local and/or remote information [Para 136].

In addition, Orbanes and Arora do not expressly teach logically grouping selected content into objects… generating a vector from the primary datum to the object datum for the object as claimed. But *Chui teaches*:

> ***logically grouping selected content into objects; 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; and generating a vector from the primary datum to the object datum for the object.***

(Chui discloses method of Scalable Vector Graphics (SVG) Drawings on Multiresolution Background Image/Background Alpha with/without Image Data Re-Usage Function Abst and Para(s) 1 and 7-8 and 36]; In addition, Chui further mentions client device 120 will be a personal digital assistant, personal computer workstation, or a computer controlled device dedicated to a particular task; where a browser application or other image viewing application 134, an image decoder module 180, and multi-resolution image files

190 encoded in accordance with the present invention. In one embodiment, the browser application 134 includes or is coupled to a Java virtual machine for executing Java language programs, and the image decoder module is implemented as a Java.TM. applet that is dynamically downloaded to the client device along with the image files 190, thereby enabling, the browser to decode the image tiles for viewing [Para 66];

In addition, Chui Referring to FIG. 6, raw image data 200 or from an image scanner or other device is processed by "tiling the image data." More specifically, the raw image is treated as an array of tiles 202, each tile having a predefined size such as **64 rows by 64 columns**. Tile positions are specified with respect to an origin at the upper left corner of the image, with the first coordinate indicating the Y position of the tile (or a pixel or coefficient within the tile) and the second coordinate indicating the X position of the tile (or a pixel or coefficient within the tile). Thus, a tile at position 0,128 is located at the top of the image and has its origin at the 128th pixel of the top row of pixels [Para 97]; where 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** [Para 145].

Reasonably to interpret the SVG processes is similar to defining an object datum corresponding to a layout location datum for the object's associated display content; and generating a vector from the primary datum to the object datum for the object as claimed.

Accordingly, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine Orbanes and Arora's web page zooming

and panning , to include a means of said logically grouping selected content into objects; 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; and generating a vector from the primary datum to the object datum for the object as taught by Chui; that enables the user to view the data objects from an adjustable viewing perspective in the multi-dimensional, virtual space 1010, instead of the two-dimensional viewing perspective of a typical Web page [In Orbanes Para 135]. It is noted the KSR ruling recommends references directed to similar subject matter to be combine.

It is noted that any citations to specific, pages, columns, lines, or figures in the prior art references and any interpretation of the 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 for details).

In addition, Examiner retains the *Chui* reference for the rejection to claim 29; because Chui provides a Vector Graphics (SVG) Drawings on Multiresolution Background Image/Background Alpha with/without Image Data Re-Usage Function Abst and Para(s) 1 and 7-8 and 36]; In addition, Chui further mentions client device 120 will be a personal digital assistant, personal computer workstation, or a computer controlled device dedicated to a particular task; where a browser application or other image viewing application 134, an image decoder module 180, and multi-resolution image files 190 encoded in accordance with the present invention. In one embodiment, the browser application 134 includes or is coupled to a Java virtual machine for executing Java language programs, and the image decoder module is implemented as a Java.TM. applet that is dynamically downloaded to the client device along with the image files 190, thereby enabling, the browser to decode the image tiles for viewing [Para 66];

In addition, Chui Referring to FIG. 6, raw image data 200 or from an image scanner or other device is processed by "tiling the image data." More specifically, the raw image is treated as an array of tiles 202, each tile having a predefined size such as

64 rows by 64 columns. Tile positions are specified with respect to an origin at the upper left corner of the image, with the first coordinate indicating the Y position of the tile (or a pixel or coefficient within the tile) and the second coordinate indicating the X position of the tile (or a pixel or coefficient within the tile). Thus, a tile at position 0,128 is located at the top of the image and has its origin at the 128th pixel of the top row of pixels [Para 97]; where 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 [Para 145].

Reasonably to interpret the SVG processes is similar to defining an object datum corresponding to a layout location datum for the object's associated display content; and generating a vector from the primary datum to the object datum for the object as claimed.

Thus, for at least all the above evidence, therefore the Examiner respectfully maintains the rejection of claims 1-9 and 11-15 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

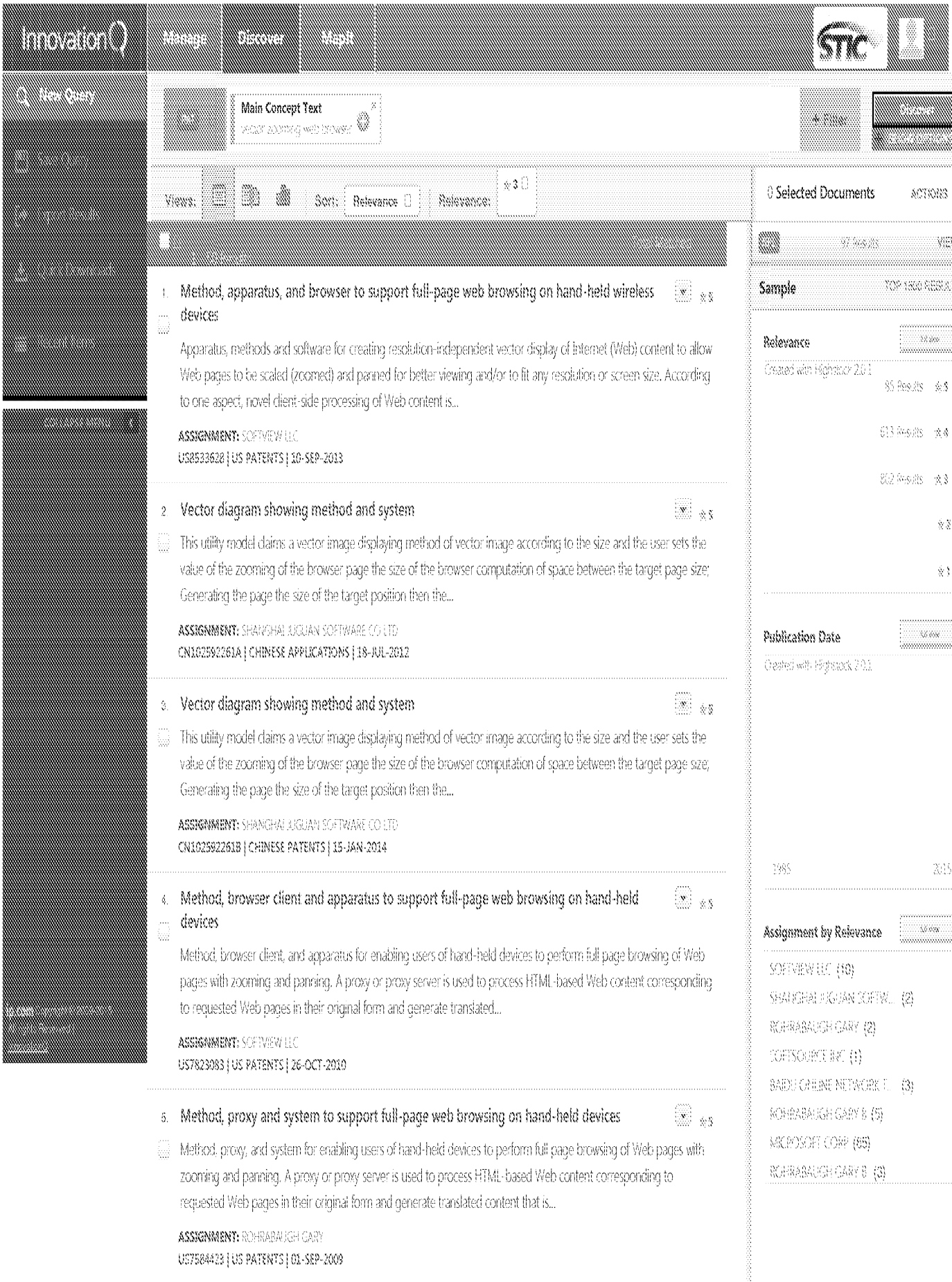
TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will 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/
Primary Examiner, Art Unit 2177


InnovationQ
Manage
Discover
Map it
New Query
Main Concept Text
vector zooming web browser
Views:
Sort:
Relevance
Relevance:
0 Selected Documents
ACTIONS
Sample
TOP 1500 RESULTS
Relevance
Created with Highscore 2.0.1
85 Results
613 Results
802 Results
Publication Date
Created with Highscore 2.0.1
1985
2015
Assignment by Relevance
SOFTVIEW LLC (10)
SHANGHAI JUQUAN SOFTW... (2)
ROHRABAUGH GARY (2)
SOFTSOURCE INC (1)
BABELONLINE NETWORK T... (3)
ROHRABAUGH GARY B (5)
MICROSOFT CORP (65)
ROHRABAUGH GARY B (3)
1. Method, apparatus, and browser to support full-page web browsing on hand-held wireless devices
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...
ASSIGNMENT: SOFTVIEW LLC
US8533628 | US PATENTS | 10-SEP-2013
2. Vector diagram showing method and system
This utility model claims a vector image displaying method of vector image according to the size and the user sets the value of the zooming of the browser page the size of the browser computation of space between the target page size; Generating the page the size of the target position then the...
ASSIGNMENT: SHANGHAI JUQUAN SOFTWARE CO LTD
CN102592261A | CHINESE APPLICATIONS | 18-JUL-2012
3. Vector diagram showing method and system
This utility model claims a vector image displaying method of vector image according to the size and the user sets the value of the zooming of the browser page the size of the browser computation of space between the target page size; Generating the page the size of the target position then the...
ASSIGNMENT: SHANGHAI JUQUAN SOFTWARE CO LTD
CN102592261B | CHINESE PATENTS | 15-JAN-2014
4. Method, browser client and apparatus to support full-page web browsing on hand-held devices
Method, browser client, and apparatus for enabling users of hand-held devices to perform full page browsing of Web pages with zooming and panning. A proxy or proxy server is used to process HTML-based Web content corresponding to requested Web pages in their original form and generate translated...
ASSIGNMENT: SOFTVIEW LLC
US7823083 | US PATENTS | 26-OCT-2010
5. Method, proxy and system to support full-page web browsing on hand-held devices
Method, proxy, and system for enabling users of hand-held devices to perform full page browsing of Web pages with zooming and panning. A proxy or proxy server is used to process HTML-based Web content corresponding to requested Web pages in their original form and generate translated content that is...
ASSIGNMENT: ROHRABAUGH GARY
US7584423 | US PATENTS | 01-SEP-2009

6. Resolution independent vector display of internet content

Apparatus and methods are provided 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. According to one embodiment, novel server processing of Web content is provided...

ASSIGNMENT: SOFTVIEW LLC
US7210099 | US PATENTS | 24-APR-2007

7. Scalable display of internet content on mobile devices

Mobile devices enabled to support resolution-independent scalable display of Internet (Web) content to allow Web pages to be scaled (zoomed) and panned for better viewing on smaller screen sizes. The mobile devices employ software-based processing of original Web content, including HTML-based...

ASSIGNMENT: SOFTVIEW LLC
US8145995 | US PATENTS | 27-MAR-2012

8. Resolution independent vector display of internet content

Apparatus and methods are provided 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 (Fig. 1A). According to one embodiment, novel server processing of Web content is...

ASSIGNMENT: SOFTSOURCE INC
WO2001096985A2 | WIPO APPLICATIONS | 20-DEC-2001

9. Zoom-display processing method and device for page contents

This invention claims a page content and display processing method and device for. A page content and display processing method includes: is received web page content of the scaling display request to obtain the expected scaling; According to said expected scaling to the page text in the given ..

ASSIGNMENT: BAIDU ONLINE NETWORK TECH BEIJING CO LTD [+1]
CN104050185A | CHINESE APPLICATIONS | 17-SEP-2014

10. Scalable display of internet content on mobile devices

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 markup...

ASSIGNMENT: SOFTVIEW LLC
US8386959 | US PATENTS | 26-FEB-2013

11. Scalable display of internet content on mobile devices

Mobile devices enabled to support resolution-independent scalable display of Internet (Web) content to allow Web pages to be scaled (zoomed) and panned for better viewing on smaller screen sizes. The mobile devices employ software-based processing of original Web content, including HTML-based...

ASSIGNMENT: ROHRABAUGH GARY
US7461353 | US PATENTS | 02-DEC-2008

12. Resolution independent display of internet content

Apparatus, methods and software for creating resolution-independent 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

View More Visualizations

one aspect, novel client-side processing of markup language-based Web...

ASSIGNMENT: SOFTVIEW LLC
US7844889 | US PATENTS | 30-NOV-2010

13. Resolution independent vector display of internet content

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 markup...

ASSIGNMENT: ROHRABAUGH GARY B [+1]
US20070198917 | US APPLICATIONS | 23-AUG-2007

14. System and method for transferring web page data

A system and method are disclosed which may include accessing an Internet site by a proxy server; converting image data from the Internet site into a multiresolution representation; and transmitting the image data in said multiresolution representation to a client device.

ASSIGNMENT: MICROSOFT CORP
EP1864222A2 | EUROPEAN APPLICATIONS | 12-DEC-2007

15. Scalable Display of Internet Content on Mobile Devices

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 markup...

ASSIGNMENT: SOFTVIEW LLC
US20110231782 | US APPLICATIONS | 22-SEP-2011

16. Resolution Independent Vector Display of Internet Content

Apparatus, methods and software for facilitating 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 server-side processing of HTML-based Web...

ASSIGNMENT: ROHRABAUGH GARY B [+1]
US20070288855 | US APPLICATIONS | 13-DEC-2007

17. Resolution independent vector display of internet content

Apparatus and methods are provided 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. According to one embodiment, novel server processing of Web content is provided...

ASSIGNMENT: ROHRABAUGH GARY B [+1]
US20020091738 | US APPLICATIONS | 11-JUL-2002

18. Scalable display of internet content on mobile devices

Mobile devices enabled to support resolution-independent scalable display of Internet (Web) content to allow Web pages to be scaled (zoomed) and panned for better viewing on smaller screen sizes. The mobile devices employ software-based processing of original Web content, including HTML-based...

ASSIGNMENT: SOFTVIEW LLC
US7831926 | US PATENTS | 09-NOV-2010

19. Resolution independent vector display of internet content

Apparatus and methods are provided 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. According to one embodiment, novel server processing of Web content is provided...

ASSIGNMENT: ROHRABAUGH GARY B. [+1]
US20050132286 | US APPLICATIONS | 16-JUN-2005

20. Resolution independent vector display of internet content

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...

ASSIGNMENT: ROHRABAUGH GARY B. [+1]
US20070198916 | US APPLICATIONS | 23-AUG-2007

21. Resolution independent vector display of internet content

Apparatus and methods are provided 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. According to one embodiment, novel server processing of Web content is provided...

ASSIGNMENT: ROHRABAUGH GARY B. [+1]
US20050131887 | US APPLICATIONS | 16-JUN-2005

22. Scalable Display of Internet Content on Mobile Devices

Mobile devices enabled to support resolution-independent scalable display of Internet (Web) content to allow Web pages to be scaled (zoomed) and panned for better viewing on smaller screen sizes. The mobile devices employ software-based processing of original Web content, including HTML-based...

ASSIGNMENT: SOFTVIEW LLC
US20090119580 | US APPLICATIONS | 07-MAY-2009

23. Scalable display of internet content on mobile devices

Mobile devices enabled to support resolution-independent scalable display of Internet (Web) content to allow Web pages to be scaled (zoomed) and panned for better viewing on smaller screen sizes. The mobile devices employ software-based processing of original Web content, including HTML-based...

ASSIGNMENT: SOFTVIEW LLC
US20110231746 | US APPLICATIONS | 22-SEP-2011

24. System and method for transferring web page data

A system and method are disclosed which may include accessing an Internet site by a proxy server; converting image data from the Internet site into a multiresolution representation; and transmitting the image data in said multiresolution representation to a client device.

ASSIGNMENT: MICROSOFT CORP
CA2599357A1 | CANADIAN APPLICATIONS | 05-OCT-2006

25. Scalable Display of Internet Content on Mobile Devices

Mobile devices enabled to support resolution-independent scalable display of Internet (Web) content to allow Web pages to be scaled (zoomed) and panned for better viewing on smaller screen sizes. The mobile devices employ software-based processing of original Web content, including HTML-based...

ASSIGNMENT: ROHRABAUGH GARY B [+1]
US20070288841 | US APPLICATIONS | 13-DEC-2007

26. **Webpage scaling method, device and system** ☆ 3

The invention claims a web page scaling method device and system for. Method comprises: Server from terminal receives the web page request based on the web page requests to obtain web page to the obtained web page of web page element executing vector typesetting and the vector and then typesetting...

ASSIGNMENT: TENCENT TECH SHENZHEN CO LTD
CN103870508A | CHINESE APPLICATIONS | 18-JUN-2014

27. **Digital mapping system** ☆ 3

Various methods, systems, and apparatus for implementing aspects of a digital mapping system are disclosed. One such method includes sending a location request from a client-side computing device to a map tile server, receiving a set of map tiles in response to the location request, assembling said...

ASSIGNMENT: GOOGLE INC
US7894984 | US PATENTS | 22-FEB-2011

28. **System and method for transferring web page data** ☆ 3

A system and method are disclosed which may include accessing an Internet site by a proxy server, converting image data from the internet site into a multiresolution representation, and transmitting the image data in said multiresolution representation to a client device.

ASSIGNMENT: MICROSOFT CORP
WO2006105138A2 | WIPO APPLICATIONS | 05-OCT-2006

29. **Scalable display of internet content on mobile devices** ☆ 3

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...

ASSIGNMENT: ROHRABAUGH GARY B [+1]
US20080028335 | US APPLICATIONS | 31-JAN-2008

30. **Digital mapping system** ☆ 3

Various methods, systems, and apparatus for implementing aspects of a digital mapping system are disclosed. One such method includes sending a location request from a client-side computing device to a map tile server, receiving a set of map tiles in response to the location request, assembling said...

ASSIGNMENT: GOOGLE INC
US7158878 | US PATENTS | 02-JAN-2007

31. **System and method for web enabled geo-analytics and image processing** ☆ 3

ASSIGNMENT: FORTUSONE INC
EP2070006B1 | EUROPEAN PATENTS | 01-JUL-2015

32. **Digital mapping system** ☆ 3

The present invention I provide a map image of a combination of a display map request and the map . A page , map image , superimposed map direction control object , superimposed zoom control object , location request text entry field , search button , information window , place marker , place marker...

ASSIGNMENT: GOOGLE INC
JP2014209242A | JAPANESE APPLICATIONS | 06-NOV-2014

33. Digital mapping system ☆ 5

Various methods, systems, and apparatus for implementing aspects of a digital mapping system are disclosed. One such method includes sending a location request from a client-side computing device to a map tile server, receiving a set of map tiles in response to the location request, assembling said...

ASSIGNMENT: GOOGLE INC
US8014946 | US PATENTS | 06-SEP-2011

34. System and method for transferring web page data ☆ 5

ASSIGNMENT: MICROSOFT CORP
AU2006230233A1 | AUSTRALIAN PATENT DOCUMENTS | 25-OCT-2007

35. Method for controlling browser by mouse moving trajectory ☆ 5

This invention claims a mouse through the running orbit controlling a browser the invention claims a method of: Browser identifying a mouse operation track; Recording the said mouse motion track in the at least three the coordinate of point; According to said mouse the running orbit of the middle of...

ASSIGNMENT: UNIV GUANGXI
CN103729127A | CHINESE APPLICATIONS | 16-APR-2014

36. Digital mapping system ☆ 5

It is intended to provide a method of displaying the [challenge] digital map. is sent to the map tile server from the client computing device to the location request, receive a map tile set in response to the location request, assembles the tile grid map tiles received. The method includes dipping...

ASSIGNMENT: GOOGLE INC
JP2014089451A | JAPANESE APPLICATIONS | 15-MAY-2014

37. Internet census geographic information system (Gis) and method of applying census data to geographic mapping applications ☆ 5

ASSIGNMENT: DIAB, YOSRI
CA2562203A1 | CANADIAN APPLICATIONS | 27-MAR-2008

38. On the browser drawing medical image locating method of route ☆ 5

The invention claims a on the browser drawing medical image locating method of route and it comprises the following steps: Browser the medical image in image is located and cutting image unique identifier of the uid wado based on protocol of the url request to web and medical image server sends url...

ASSIGNMENT: LAN NETWORK SCIENCE & TECH CO LTD [+1]
CN104598469A | CHINESE APPLICATIONS | 06-MAY-2015

39. System and method of extending scalable vector graphics capabilities ☆ 5

A system of manipulating a document object model of a web application. The system comprises a collection of designated elements, a collection of associated instructions for performing functions to elements in the document object model, the instructions associated with the designated elements, and an...

ASSIGNMENT: COREL CORP
CA2414047A1 | CANADIAN APPLICATIONS | 09-JUN-2004

40. **A digital mapping system** ☆ 3

An apparatus for use in displaying a digital map comprises means for generating a set of map tiles associated with a map created from digital map data, means for interpreting candidate location data received from a client, the candidate location data including location information, means for...

ASSIGNMENT: GOOGLE INC
CA2820249A1 | CANADIAN APPLICATIONS | 03-NOV-2005

41. **A digital mapping system** ☆ 3

A method for displaying information on a digital map comprises receiving location data from a user, obtaining a digital map from a server based on the location data, obtaining an information marker associated with the location data, obtaining an information marker shadow associated with the...

ASSIGNMENT: GOOGLE INC
CA2820299A1 | CANADIAN APPLICATIONS | 03-NOV-2005

42. **IP camera control system and method** ☆ 3

A network camera control method in electronic terminal browser web page display network camera control panel and detects the touch control panel produced by the original touch point position coordinate. Touch point the initial falling on the control panel in the picture movement of control area when...

ASSIGNMENT: HONG FU JIN PREC IND CO LTD [+3]
CN103581539A | CHINESE APPLICATIONS | 12-FEB-2014

43. **Digital mapping system** ☆ 3

Various methods, systems, and apparatus for implementing aspects of a digital mapping system are disclosed. One such method includes sending a location request from a client-side computing device to a map tile server, receiving a set of map tiles in response to the location request, assembling said...

ASSIGNMENT: GOOGLE INC
US7379811 | US PATENTS | 27-MAY-2008

44. **Web GIS system based on SVG and data input and search method thereof** ☆ 3

The invention claims a based on webgis of svg system and data recording and inquiry method the system and its data recording and inquiry method to change the working mode of the graph svg technique is applied to webgis system is used in relational database storing technology of web server the...

ASSIGNMENT: UNIV CHONGQING
CN103955549A | CHINESE APPLICATIONS | 30-JUL-2014

45. **A digital mapping system** ☆ 3

Various methods, systems, and apparatus for implementing aspects of a digital mapping system are disclosed. One such method includes sending a location request from a client-side computing device to a map tile server, receiving a set of map tiles in response to the location request, assembling said...

ASSIGNMENT: GOOGLE INC
EP1741064A2 | EUROPEAN APPLICATIONS | 10-JAN-2007

46. **Information processing apparatus, information processing method, and information processing program** ☆ 3

The invention claims an information processing apparatus information processing method and information processing

program and a method for controlling the display screen device comprises: Touch-sensitive panel and generates represents the first time and the second time the single continuous touch...

ASSIGNMENT: SONY CORP
CN102033648A | CHINESE APPLICATIONS | 27-APR-2011

47. System and method for transferring web page data

ASSIGNMENT: MICROSOFT CORP
AU2006230233B2 | AUSTRALIAN PATENT DOCUMENTS | 20-JAN-2011

48. A digital mapping system

Various methods, systems, and apparatus for implementing aspects of a digital mapping system are disclosed. One such method includes sending a location request from a client-side computing device to a map tile server, receiving a set of map tiles in response to the location request, assembling said...

ASSIGNMENT: GOOGLE INC [+3]
CA2560386C | CANADIAN PATENTS | 24-SEP-2013

49. Systems and/or methods for efficient rendering of business model related vector graphics

This invention claims a special example embodiment claims a method for corresponding to the service process management bpm program packet generated by the service flow the vector graphics the effect of drawing systems and/or methods. The pattern can be can abstract vector graphics avg the format of...

ASSIGNMENT: SOFTWARE AG
CN102855136A | CHINESE APPLICATIONS | 02-JAN-2013

50. A digital mapping system

Various methods, systems, and apparatus for implementing aspects of a digital mapping system are disclosed. One such method includes sending a location request from a client-side computing device to a map tile server, receiving a set of map tiles in response to the location request, assembling said...

ASSIGNMENT: GOOGLE INC
CA2560386A1 | CANADIAN APPLICATIONS | 03-NOV-2005

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51. A digital mapping system

The invention claims for carrying out a digital map drawing system each side of the invention claims a method system and device for. Such a method includes: A location request from a client side computer device for sending to a map mosaic server in response to the location request to receive a group...

ASSIGNMENT: GOOGLE INC
CN101014831B | CHINESE PATENTS | 21-AUG-2013

52. Digital Mapping System

Various methods, systems, and apparatus for implementing aspects of a digital mapping system are disclosed. One such method includes sending a location request from a client-side computing device to a map tile server, receiving a set of map tiles in response to the location request, assembling said...

ASSIGNMENT: GOOGLE INC
US20120075337 | US APPLICATIONS | 29-MAR-2012

53. Digital mapping system

The invention claims a digital map drawing system for implementing claims a digital map drawing system each side of the invention claims a method system and device for. Such a method includes: A location request from a client side computer device for sending to a map mosaic server in response to the...

ASSIGNMENT: GOOGLE INC
CN103398718A | CHINESE APPLICATIONS | 20-NOV-2013

54. **Digital mapping system** ☆ 5

The invention claims a digital map drawing system for implementing claims a digital map drawing system each side of the invention claims a method system and device for. Such a method includes: A location request from a client side computer device for sending to a map mosaic server in response to the...

ASSIGNMENT: GOOGLE INC
CN103398719A | CHINESE APPLICATIONS | 20-NOV-2013

55. **Digital Mapping System** ☆ 5

Various methods, systems, and apparatus for implementing aspects of a digital mapping system are disclosed. One such method includes sending a location request from a client-side computing device to a map tile server, receiving a set of map tiles in response to the location request, assembling said...

ASSIGNMENT: GOOGLE INC
US20100201707 | US APPLICATIONS | 12-AUG-2010

56. **Digital Mapping System** ☆ 5

Various methods, systems, and apparatus for implementing aspects of a digital mapping system are disclosed. One such method includes sending a location request from a client-side computing device to a map tile server, receiving a set of map tiles in response to the location request, assembling said...

ASSIGNMENT: GOOGLE INC
US20110137766 | US APPLICATIONS | 09-JUN-2011

57. **Digital Mapping System** ☆ 5

Various methods, systems, and apparatus for implementing aspects of a digital mapping system are disclosed. One such method includes sending a location request from a client-side computing device to a map tile server, receiving a set of map tiles in response to the location request, assembling said...

ASSIGNMENT: RASMUSSEN, JENS ELSTRUP [+7]
US20080291205 | US APPLICATIONS | 27-NOV-2008

58. **Web - based representation of automation processes** ☆ 5

The invention relates to a system, a method as well as a client and a data processing device to the web - based representation of data in a system for operation and supervision of a process. Current process values are automatically from a server or of an automation appliance (1) to a client (2) is...

ASSIGNMENT: SIEMENS AG
DE10304646A1 | GERMAN APPLICATIONS | 26-AUG-2004

59. **System and method of overlaying and integrating data with geographic mapping applications** ☆ 5

The present invention embodiments include a geographic overlay system including an information system, a mapping system interface to communicate with a mapping system and a database system including National Census geographic boundaries and data files. The geographic overlay system utilizes a...

ASSIGNMENT: PARKER, CHERYL [+1]
US7925982 | US PATENTS | 12-APR-2011

60. Digital mapping system

Various methods, systems, and apparatus for implementing aspects of a digital mapping system are disclosed. One such method includes sending a location request from a client-side computing device to a map tile server, receiving a set of map tiles in response to the location request, assembling said...

ASSIGNMENT: RASMUSSEN JENS E [+6]
US20050270311 | US APPLICATIONS | 08-DEC-2005

61. Digital Mapping System

Various methods, systems, and apparatus for implementing aspects of a digital mapping system are disclosed. One such method includes sending a location request from a client-side computing device to a map tile server, receiving a set of map tiles in response to the location request, assembling said...

ASSIGNMENT: RASMUSSEN LARS E [+5]
US20070096945 | US APPLICATIONS | 03-MAY-2007

62. A digital mapping system

The invention claims for carrying out a digital map drawing system each side of the invention claims a method system and device for. Such a method includes: A location request from a client side computer device for sending to a map mosaic server in response to the location request to receive a group...

ASSIGNMENT: GOOGLE INC
CN101014831A | CHINESE APPLICATIONS | 08-AUG-2007

63. Web-based visualization, refresh, and consumption of data-linked diagrams

Technologies are described herein for refreshing data-linked diagrams on a server computer and viewing and consuming the refreshed diagrams via a Web browser. A drawing program allows equations within a diagram definition to define how external data is utilized to modify the attributes of a diagram...

ASSIGNMENT: MICROSOFT CORP
US8230319 | US PATENTS | 24-JUL-2012

64. A digital mapping system

Various methods, systems, and apparatus for implementing aspects of a digital mapping system are disclosed. One such method includes sending a location request from a client-side computing device to a map tile server, receiving a set of map tiles in response to the location request, assembling said...

ASSIGNMENT: GOOGLE INC
WO2005104038A2 | WIPO APPLICATIONS | 03-NOV-2005

65. System and method for web enabled geo-analytics and image processing

A method for providing mapping, data management and analysis. Creation of a map is initiated with a desired Gaussian aggregation and desired color map parameters. Data is loaded to be utilized in the map. The data is rasterized, then converted to a certain scale. A convolution operation is performed...

ASSIGNMENT: FORTUSONE INC
WO2008031085A2 | WIPO APPLICATIONS | 13-MAR-2008

66. System and method for web enabled geo-analytics and image processing

A method for providing mapping, data management and analysis. Creation of a map is initiated with a desired Gaussian aggregation and desired color map parameters. Data is loaded to be utilized in the map. The data is rasterized, then converted to a certain scale. A convolution operation is performed...

ASSIGNMENT: FORTUSONE INC
CA2662938A1 | CANADIAN APPLICATIONS | 13-MAR-2008

67. System and method for web enabled geo-analytics and image processing ☆ 5

ASSIGNMENT: FORTUSONE INC
AU2007294516A1 | AUSTRALIAN PATENT DOCUMENTS | 13-MAR-2008

68. Method, system and mobile terminal for achieving Web panorama browsing ☆ 5

The invention claims a panoramic picture of web browsing a method for realizing system and mobile terminal claims a virtual reality to realize the field of. The method comprises: Obtaining panorama; in response to browse instruction according to scene image determining browsing image; The browsing...

ASSIGNMENT: CHINA TELECOM CORP LTD
CN102546921A | CHINESE APPLICATIONS | 04-JUL-2012

69. Vector-based geographic data ☆ 5

The present invention discloses a method, apparatus, and article of manufacture for a computer implemented geographic information system that enables viewing a map picture that is generated from vector-based data. Map pictures can be generated with vector-based data. Map pictures created with...

ASSIGNMENT: AUTODESK INC
US7483025 | US PATENTS | 27-JAN-2009

70. Vector-based geographic data ☆ 5

The present invention discloses a method, apparatus, and article of manufacture for a computer implemented geographic information system that enables viewing a map picture that is generated from vector-based data. Map pictures can be generated with vector-based data. Map pictures created with...

ASSIGNMENT: AUTODESK INC
US6337693 | US PATENTS | 08-JAN-2002

71. Apparatus and methods for accessing a collection of content portions ☆ 5

Techniques for browsing through a large collection of content portions uses a scatter and gather approach where a collection of content portions is clustered into one or more clusters using multi-modal data modeling. Additionally, as part of the multi-modal data modeling, "proximal cues" surrounding...

ASSIGNMENT: XEROX CORP
US7028253 | US PATENTS | 11-APR-2006

72. System and method of extending scalable vector graphics capabilities ☆ 5

A system for extending interactivity of a presentation markup language is provided. The system comprises a collection of designated elements, and a collection of associated instructions for performing functions on elements in the document object model. Each designated element comprises a namespace,...

ASSIGNMENT: COREL CORP [+2]
CA2452174C | CANADIAN PATENTS | 08-JUL-2014

73. System and method for web enabled geo-analytics and image processing ☆ 5

A method for providing mapping, data management and analysis. Creation of a map is initiated with a desired Gaussian aggregation and desired color map parameters. Data is loaded to be utilized in the map. The data is rasterized, then converted to a certain scale. A convolution operation is performed...

ASSIGNMENT: FORTUSONE INC
EP2070006A2 | EUROPEAN APPLICATIONS | 17-JUN-2009

74. **Web-based presentation of automation processes** ☆ 5

Web-based presentation of data is processed in a system for operating and observing a process. Up-to-date process values are automatically transmitted by a server or an automation unit to a client, on which they are visualized using scalable vector graphics and the application of SVG.

ASSIGNMENT: SIEMENS AG
US2004177357 | US APPLICATIONS | 09-SEP-2004

75. **System and method of extending scalable vector graphics capabilities** ☆ 5

A system for extending interactivity of a presentation markup language is provided. The system comprises a collection of designated elements, and a collection of associated instructions for performing functions on elements in the document object model. Each designated element comprises a namespace,...

ASSIGNMENT: COREL CORP
CA2452174A1 | CANADIAN APPLICATIONS | 09-JUN-2004

76. **Vector-based geographic data** ☆ 5

The present invention discloses a method, apparatus, and article of manufacture for a computer implemented geographic information system that enables viewing a map picture that is generated from vector-based data. Map pictures can be generated with vector-based data. Map pictures created with...

ASSIGNMENT: AUTODESK INC
US5966135 | US PATENTS | 12-OCT-1999

77. **Uniform resource locator vectors** ☆ 5

A URL Vector is a URL represented by a digital picture, sound, or video. For example, a URL Vector consisting of a digital picture is created by taking a picture of an object that includes a logo in the picture frame. The logo is processed and used to perform a normalization process on the picture....

ASSIGNMENT: AVERY, JOHN
US20070239848 | US APPLICATIONS | 11-OCT-2007

78. **Creating html/css representations of a geometric symbol** ☆ 5

The invention claims a through the following methods for establishing geometric symbols of html to express css: Processing coming from the file symbols; And the needle to the said symbols contained in each of the invention claims a geometric shape establishing particular to a web browser the shape...

ASSIGNMENT: SOFTWARE AG
CN103257986A | CHINESE APPLICATIONS | 21-AUG-2013

79. **Systems and/Or methods for efficient rendering of business model related vector graphics** ☆ 5

Certain example embodiments described herein relate to systems and/or methods for efficient rendering of vector graphics corresponding to business models generated by a business process management (BPM) package. Such graphics may be provided in an Abstract Vector Graphic (AVG) format. In certain...

ASSIGNMENT: SOFTWARE AG

US20120306898 | US APPLICATIONS | 06-DEC-2012

80. System and method for transferring web page data ☆ 5

Claims a system and method comprises step that the proxy server accessing internet site; From the internet site of the image data is converted into multiple resolution representing; The said multiple resolution representing the image data sent to the client device.

ASSIGNMENT: MICROSOFT CORP
CN101501664A | CHINESE APPLICATIONS | 05-AUG-2009

81. Integrated document viewer ☆ 5

In various embodiments of the present invention, documents (eg, PDFs) are converted into HTML 5 (and CSS 3) formats and integrated into existing HTML 5 web pages to preserve the original embedded fonts. The fonts can also be integrated or embedded (e.g., via the standard HTML "iframe" tag) into...

ASSIGNMENT: SCRIBD INC
US8707164 | US PATENTS | 22-APR-2014

82. System and method thereof for online real-time graph drawing ☆ 5

The invention claims an on-line real-time image drawing system and method thereof the service end according to the received the outer part of the statistic data and service end of the statistical data generated vector graphic and instant the vector graphics to control and returning to client to...

ASSIGNMENT: INVENTEC CORP
CN101840403A | CHINESE APPLICATIONS | 22-SEP-2010

83. Method of generating and organizing source data of grid electron map and method of generating target data ☆ 5

Grid electronic map source data to generate a target tissue and to generate the method of map with the gps position information of the matching and the server is finished this utility model is used for vectored map by means of vectored map engine generates multiple specifications of the grid map...

ASSIGNMENT: JIANGSU TIANZE INFOINDUSTRY CO
CN100452050C | CHINESE PATENTS | 14-JAN-2009

84. Method of client side map rendering with tiled vector data ☆ 5

In one example, an apparatus and method are provided for rendering map images. In one example, an apparatus (e.g., a map server) includes logic for causing the transfer of tiled vector image data in response to a map request, wherein the vector data is associated with stored map data divided into a...

ASSIGNMENT: YAHOO INC
US7734412 | US PATENTS | 08-JUN-2010

85. Analytics driven engagement ☆ 5

Various embodiments claims a base to form and modify the parameter and the rule initiating agent equipment and user equipment between the connection between the participation of the server and correlative method. In one embodiment according to the server can receive one or more the third party...

ASSIGNMENT: LEVY PAUL SON CO LTD [+1]
CN104246768A | CHINESE APPLICATIONS | 24-DEC-2014

86. Webpage labeling method and device ☆ 4

The embodiment of this invention claims a web page label method and device for. Wherein said method comprises: Through web server loading a first web page; The first web page loading marking vector image layer; Is used for receiving user to said first web page to the label produced by the first web...

ASSIGNMENT: HUAWEI TECH CO LTD
CN103678685A | CHINESE APPLICATIONS | 26-MAR-2014

87. **Device control apparatus and device control system**

A machine control device can from the terminal end is connected with the connector is connected with one or more is formed of the control object machine wherein it has: The machine to carry out signal sending and receiving interface mechanism; Storing the stored each function can independently the...

ASSIGNMENT: PANASONIC CORP
CN1539350A | CHINESE APPLICATIONS | 20-OCT-2004

88. **Method and apparatus for sharing contents between devices**

The invention claims a method for the equipment is set between the shared content method and device for. A request for sharing content device of the method comprises: Search can share the content of partner equipment according to the user controls the reproduction content from the user from the...

ASSIGNMENT: SAMSUNG ELTNC CO LTD
CN103988195A | CHINESE APPLICATIONS | 13-AUG-2014

89. **Method of generating and organizing source data of grid electron map and method of generating target data**

Grid electronic map data generating source and target tissue data generating method of realizing gp8 map and position information of the matching and the server is finished this utility model is used for vectored map by means of vectored map engine generates multiple specifications of the grid map...

ASSIGNMENT: JIANGSU TIANZE INFOINDUSTRY CO
CN1971560A | CHINESE APPLICATIONS | 30-MAY-2007

90. **Displaying map layers in order**

A system and method for displaying map layers in order. First vector data which defines one or more features of a first layer of a map is received from a server. Second vector data which defines one or more features of a second layer of the map is received from the server. A first order for...

ASSIGNMENT: GOOGLE INC
WO2013192444A1 | WIPO APPLICATIONS | 27-DEC-2013

91. **Map and photograph image delivery system and its client system**

{57} [summary] through the network, display range from a client system, scale, movement is specified, or The present invention is directed send aerial photographs and image and vector map, which is a search instruction in the feature name, etc. I will provide a map and photo image distribution...

ASSIGNMENT: PASUCO KK
JP2003005632A | JAPANESE APPLICATIONS | 08-JAN-2003

92. **Method and apparatus for providing access to maps on a thin client**

A method, system, and article of manufacture provide for an interactive geographic information system on a thin client. Geographic information may be viewed and interacted with on the thin client. The information is available while the thin client is connected or disconnected to/from a network. The...

ASSIGNMENT: AUTODESK INC
US7236173 | US PATENTS | 26-JUN-2007

93. System and method for interacting with item catalogs

The present invention comprises a system and method for presenting large numbers of items on a display screen. According to one aspect of the present invention, information is harvested from a plurality of sites and over a plurality of times and aggregated into a single item set. According to...

ASSIGNMENT: DOTTED PAIR INC
US8180690 | US PATENTS | 15-MAY-2012

94. System and method of overlaying and integrating data with geographic mapping applications

The present invention embodiments include a geographic overlay system including an information system, a mapping system interface to communicate with a mapping system and a database system including National Census geographic boundaries and data files. The geographic overlay system utilizes a...

ASSIGNMENT: PARKER CHERYL
WO2008028137A2 | WIPO APPLICATIONS | 06-MAR-2008

95. Generating and serving tiles in digital mapping system

[Challenge] variety of processing environment (for example , server or other computer device) I provide a digital tile-based mapping technique that allows a beautiful map efficient online supply of the look that can be employed . A map labels , such as when crossing the boundary of the map file...

ASSIGNMENT: GOOGLE INC
JP2014160490A | JAPANESE APPLICATIONS | 04-SEP-2014

96. System and method for manipulating information and map for geographical resource management

The present invention provides a system that applies the latest technology related to compression, rendering, and geographical data processing to present an interactive interface to users, which enables them to efficiently manipulate maps and queries for information over the World Wide Web. The...

ASSIGNMENT: NATL SCIENCE & TECH DEV AGENCY
US7308117 | US PATENTS | 11-DEC-2007

97. System and method for web enabled geo-analytics and image processing

ABSTRACT A method for providing mapping, data management and analysis, comprising: initiating creation of a map with a desired Gaussian aggregation and desired color map parameters; loading data to be utilized in the map; rasterizing the data; converting the 5 data to a certain scale; performing a...

ASSIGNMENT: FORTUSONE INC
AU2013201826A1 | AUSTRALIAN PATENT DOCUMENTS | 11-APR-2013

98. Methods and architecture for indexing and editing compressed video over the world wide web

Techniques for detecting moving video objects in a compressed digital bitstream (111) and for tools for editing compressed video are disclosed. Video objects (117) are detected and indexed by analyzing a compressed bitstream to locate scene cuts (112), estimating operating parameters for a camera...

ASSIGNMENT: COLUMBIA UNIV

CA2289757A1 | CANADIAN APPLICATIONS | 19-NOV-1998

99. **Internet browser zoom function**

Methods are described to preload and display a plurality of webpages from a hyperlink list either previously saved or returned by one or more search engines, where said webpages are displayed in a web browser. The web browser has been augmented to display multiple webpages simultaneously and to...

ASSIGNMENT: SWAHN, ALAN EARL
US8838736 | US PATENTS | 16-SEP-2014

100. **Analysis of time-based geospatial mashups using AD HOC visual queries**

An apparatus in one example has an analytical environment for mashup data having visual analysis metaphors, and linking and correlation functionality among the visual analysis metaphors. A system may have: at least one store having a predetermined floor plan layout; at least one predetermined...

ASSIGNMENT: VISTRACKS INC
US8230333 | US PATENTS | 24-JUL-2012

101. **A browser and server mode the lower part of the map display method and client terminal**

The invention claims a browser and server mode the lower part of the map display method and client terminal. Said client terminal in the browser and server mode and display map method comprises the following steps: S1 client end of the map server downloading the map vector data to the map vector...

ASSIGNMENT: SHENZHEN SAGE NAVIGATION SCIENCE & TECH STOCK CO LTD [+1]
CN1027396998 | CHINESE PATENTS | 22-APR-2015

102. **Dynamic network browser**

A system and method of browsing digital content, and is related to companion applications filed simultaneously, all of which are part and parcel of a method for browsing digital content and composing digital media and data, via dynamic interaction of filed images, external video, audio, text, and...

ASSIGNMENT: LILA APS AHEAD
EP2370872A1 | EUROPEAN APPLICATIONS | 05-OCT-2011

103. **Algorithm for improved zooming in data visualization components**

Example embodiments reduce the processing required to zoom on graphical data visualizations by transforming only graphic elements visible in the zooming viewport. In one example embodiment, a grid overlays the component image. Prior to zooming, grid elements covered by the zooming viewport are...

ASSIGNMENT: ORACLE INTL CORP
US20150077433 | US APPLICATIONS | 19-MAR-2015

104. **The invention claims a pipe network data and drawing system**

The invention claims a pipe network data and printing system said system comprises a map basic function module based on the subject data into database comprises map vector is guided into: Supporting the field of surveying and mapping result data into database; image into database: Image data...

ASSIGNMENT: CHONGQING RONG GUAN SCIENCE & TECH CO LTD [+1]
CN104462402A | CHINESE APPLICATIONS | 25-MAR-2015

105. **Used in response to a discrete directional input action and intelligent content analysis to select display area of a computing device and method for**

The invention claims a computing device it comprises display surface of human machine interface is connected with the characteristic and processing resource. Said human machine interface is connected with the characteristic of the said computing device of the user can input a discrete directional...

ASSIGNMENT: HEWLETT PACKARD DEV CO LP [+1]
CN102272697A | CHINESE APPLICATIONS | 07-DEC-2011

106. **Methods and architecture for indexing and editing compressed video over the world wide web**

A system and method is provided for editing and parsing compressed digital information. The compressed digital information may include visual information which is edited and parsed in the compressed domain. In a preferred embodiment, the present invention provides a method for detecting moving...

ASSIGNMENT: COLUMBIA UNIV
US7817722 | US PATENTS | 19-OCT-2010

107. **Map display method under browser/server mode and client thereof**

The invention claims a browser and server mode the lower part of the map display method and client terminal. Said client terminal in the browser and server mode and display map method comprises the following steps: S1 client end of the map server downloading the map vector data to the map vector...

ASSIGNMENT: SHENZHEN SEC NAVIGATION TECH
CN102736999A | CHINESE APPLICATIONS | 17-OCT-2012

108. **Design method of dynamic behavior format in picture configuration of monitoring system based on SVG (scalable vector graphics)**

The invention claims a svg based on the monitoring system of picture configuration of dynamic behaviour format of the design method it comprises: information registration mechanism and format design step of the dynamic behaviour a home and format design step. The invention through analyzing...

ASSIGNMENT: NANJING SAC RAIL TRAFFIC ENG CO LTD
CN103559353A | CHINESE APPLICATIONS | 05-FEB-2014

109. **Distributed object-oriented geospatial information distribution system and method thereof**

A distributed object-oriented geospatial database system and method thereof over the Internet using Web-based technology to perform data-driven queries, such as retrieving, viewing and updating, geospatial data of the object oriented geospatial database, such as vector, raster, hypertext and...

ASSIGNMENT: USA REPR BY SECR NAVY
US6985929 | US PATENTS | 10-JAN-2006

110. **Power system real-time picture Web interface showing method**

The invention claims an electric system real time picture of web interface display method it mainly comprises: By the back end server monitoring and collecting of the electric power equipment state data; Real time picture distribution server the said state data a rendering the integrity of boundary...

ASSIGNMENT: XIAMEN MINGHAN ELEC CO LTD
CN103713874A | CHINESE APPLICATIONS | 09-APR-2014

111. **Vector-based geographic data**

The present invention discloses a method, apparatus, and article of manufacture for a computer implemented geographic information system that enables viewing a map picture that is generated from vector-based data. Map

pictures can be generated with vector-based data. Map pictures created with...

ASSIGNMENT: AUTODESK INC
US6642925 | US PATENTS | 04-NOV-2003

112. **The invention claims a page image drawing method and device for**

The invention the invention claims a page image drawing method and device for. Said method comprises: Tracking user on the page of drawing regions drawing pattern of the operation is generated to be used for describing the protracted pattern the image document of the; The generated image document is...

ASSIGNMENT: BEIJING QIHU SCIENCE & TECH CO LTD [+3]
CN104572967A | CHINESE APPLICATIONS | 29-APR-2015

113. **Methods and architecture for indexing and editing compressed video over the world wide web**

Techniques for detecting moving video objects in a compressed digital bitstream (111) and for tools for editing compressed video are disclosed. Video objects (117) are detected and indexed by analyzing a compressed bitstream to locate scene cuts (112), estimating operating parameters for a camera...

ASSIGNMENT: COLUMBIA UNIV
US6735253 | US PATENTS | 11-MAY-2004

114. **Method and device for drawing grid pictures**

The invention claims a grid image drawing method and device for. A method embodiment of this invention is to the server sends drawing request message said drawing request message includes a grid of the picture identification information so as to make said server according to the grid of the picture...

ASSIGNMENT: BAIDU ONLINE NETWORK TECH BEIJING CO LTD [+1]
CN104111951A | CHINESE APPLICATIONS | 22-OCT-2014

115. **Method and apparatus for providing access to drawing information**

A method, apparatus, and article of manufacture for automating the finding and serving of CAD design data is disclosed. One or more embodiments of the invention increase the level of access and automation possible with design data. One or more embodiments of the invention provide a server comprised...

ASSIGNMENT: AUTODESK INC
US7047180 | US PATENTS | 16-MAY-2006

116. **System and method for web enabled geo-analytics and image processing**

A method for providing mapping, data management and analysis. Creation of a map is initiated with a desired Gaussian aggregation and desired color map parameters. Data is loaded to be utilized in the map. The data is rasterized, then converted to a certain scale. A convolution operation is performed...

ASSIGNMENT: INGRASSIA CHRISTOPHER A [+1]
US20080091757 | US APPLICATIONS | 17-APR-2008

117. **Method of adaptive data transmission**

A method of adaptive transmission of data between a data transmission device and at least one data accessing device (C1-C5) comprising, the steps of receiving a request from the data accessing device (C1-C5) for data; determining a user environment of the data accessing device (C1-C5) and...

ASSIGNMENT: UNIVERSAL MAP ENTPR INC
WO2004068723A2 | WIPO APPLICATIONS | 12-AUG-2004

118. **Methods and architecture for indexing and editing compressed video over the world wide web**

Techniques for detecting moving video objects in a compressed digital bitstream (111) and for tools for editing compressed video are disclosed. Video objects (117) are detected and indexed by analyzing a compressed bitstream to locate scene cuts (112), estimating operating parameters for a camera...

ASSIGNMENT: COLUMBIA UNIV
WO1998052356A1 | WIPO APPLICATIONS | 19-NOV-1998

119. **Method for encoding and serving geospatial or other vector data as images**

A system and method are disclosed which include providing a first layer of an image, the first layer including features of the image having locations within the first layer; and providing a second layer of the image, the second layer including data blocks corresponding to respective ones of the...

ASSIGNMENT: MICROSOFT CORP
US7724965 | US PATENTS | 25-MAY-2010

120. **SVG-based Web GIS system and relevant energy consumption monitoring system**

Based on webgis svg of the system comprises server terminal and client terminal said server terminal further comprises data holding layer application logic layer and web service interface said client terminal comprises browser and the data holding layer of memory space geometrical geographic data of...

ASSIGNMENT: SHANGHAI POWERINVENT INFO TECH DEV CO LTD
CN103226604A | CHINESE APPLICATIONS | 31-JUL-2013

121. **Method and computer software system of digitizing ancient Chinese books and automatizing the content search**

This invention claims a and combined part of the known technique to form a whole the technological measure and technique process is combined with known computer hardware components and realize the technical measure and process flow of the software module which are formed into a computer system it...

ASSIGNMENT: UNIV FUDAN
CN1269060C | CHINESE PATENTS | 09-AUG-2006

122. **Generating and serving tiles in a digital mapping system**

Digital tile-based mapping techniques are disclosed that enable efficient online serving of aesthetically pleasing maps. In one particular embodiment, an image tile-based digital mapping system is configured for generating map tiles during an offline session, and serving selected sets of those tiles...

ASSIGNMENT: GOOGLE INC
US7962281 | US PATENTS | 14-JUN-2011

123. **Conversion system and conversion method capable of adapting to different set top boxes**

The invention claims a the invention claims a based on web page in the form of iptv program adaptive different of the set-top box conversion program system and by adopting the system switching method of. The invention is suitable for different from the set-top box and conversion system comprises a...

ASSIGNMENT: HAIER SOFT CORP
CN103188556A | CHINESE APPLICATIONS | 03-JUL-2013

124. **Method of client side map rendering with tiled vector data**

In one example, an apparatus and method are provided for rendering map images. In one example, an apparatus (e.g., a map server) includes logic for causing the transfer of tiled vector image data in response to a map request, wherein the vector data is associated with stored map data divided into a...

ASSIGNMENT: YAHOO INC
WO2008054805A2 | WIPO APPLICATIONS | 08-MAY-2008

125. **Geographic maps on a personal digital assistant (Pda) and server**

One or more embodiments of the invention provide for an interactive geographic information system on a personal digital assistant (PDA) (102). The system enables the viewing and interaction with geographic information on a PDA (102). Such information is available while the PDA (102) is connected to...

ASSIGNMENT: AUTODESK INC
EP1247209B1 | EUROPEAN PATENTS | 02-JUL-2003

126. **Method for hierarchical summarization and browsing of digital video**

ASSIGNMENT: SHARP KK
EP1040429B1 | EUROPEAN PATENTS | 06-NOV-2002

127. **Single gesture map navigation graphical user interface for a personal digital assistant**

An application on a personal digital assistant (PDA) displays a map. A graphical user interface permits the application to receive single gesture inputs of a stylus. If the single gesture input comprises a drag of the stylus a minimum distance, the map is panned such that the map is shifted to a new...

ASSIGNMENT: AUTODESK INC
US7142205 | US PATENTS | 28-NOV-2006

128. **Computing device and method for selecting display regions responsive to non-discrete directional input actions and intelligent content analysis**

A computing device includes a display surface, a human interface feature, and processing resources. The human interface features enables a user of the computing device to enter a non-discrete directional input action. The processing resources execute to: (i) provide content on the display surface;...

ASSIGNMENT: HEWLETT PACKARD DEV CO LP
US8291348 | US PATENTS | 16-OCT-2012

129. **Information retrieval method**

To express explicitly the relationship between the [challenge] the search results. An information retrieval system for mapping each node in the array of nodes based on the similarity of mutual information items a set of information items that are [SOLUTION] distinction, the similarity in the array...

ASSIGNMENT: SONY UK LTD
JP2005122689A | JAPANESE APPLICATIONS | 12-MAY-2005

130. **Server-based systems and methods for enabling interactive, collabortive thin-and no-client image-based applications**

A server receives image, graphic and/or analytic data and processes and asynchronously outputs that data to a thin/no client. The server inputs image data in a variety of different formats and renders a normalized format that can be streamed to the thin/no client using lightweight protocol(s). The...

ASSIGNMENT: OSS RSCH INC
WO2008060746A2 | WIPO APPLICATIONS | 22-MAY-2008

131. **Web-based visualization, refresh, and consumption of data-linked diagrams**

Technologies are described herein for refreshing data-linked diagrams on a server computer and viewing and consuming the refreshed diagrams via a Web browser. A drawing program allows equations within a diagram definition to define how external data is utilized to modify the attributes of a diagram...

ASSIGNMENT: MICROSOFT CORP
US20090199081 | US APPLICATIONS | 06-AUG-2009

132. **Efficient manipulation of surfaces in multi-dimensional space using energy agents**

Various implementations for efficiently manipulating surfaces in a multi-dimensional space using energy agents are described. A context including one or more surfaces is rendered for display in the multi-dimensional space. One or more events manipulating the one or more surfaces of the context are...

ASSIGNMENT: FAMOUS [NI] INC
WO2014062730A1 | WIPO APPLICATIONS | 24-APR-2014

133. **Semantic relationship network-based cross-mode information retrieval method**

The invention claims an information search technology field especially relates to a based on semantic relationship of network spanning module information search method. The invention through web page vision space analysis multimedia searching engine marking relation analysis deepweb interface mode...

ASSIGNMENT: UNIV WUHAN
CN101894170A | CHINESE APPLICATIONS | 24-NOV-2010

134. **Semantic relationship network-based cross-mode information retrieval method**

The invention claims an information search technology field especially relates to a based on semantic relationship of network spanning module information search method. The invention through web page vision space analysis multimedia searching engine marking relation analysis deepweb interface mode...

ASSIGNMENT: UNIV WUHAN
CN101894170B | CHINESE PATENTS | 28-DEC-2011

135. **System and Method of Overlaying and Integrating Data with Geographic Mapping Applications**

The present invention embodiments include a geographic overlay system including an information system, a mapping system interface to communicate with a mapping system and a database system including National Census geographic boundaries and data files. The geographic overlay system utilizes a...

ASSIGNMENT: PARKER, CHERYL [+1]
US20080059889 | US APPLICATIONS | 06-MAR-2008

136. **Method and apparatus for pre-fetching place page data for subsequent display on a mobile computing device**

The invention claims a method and device for mapping from the remote system in the local web page data to the client computing device displays on a computer implemented method and system for. Can be analyzed from the said client device to execute applied to wire or the local user configuration file...

ASSIGNMENT: GOOGLE INC [+1]
CN104221046A | CHINESE APPLICATIONS | 17-DEC-2014

137. **Vector-based geographic data**

The present invention discloses a method, apparatus, and article of manufacture for a computer implemented

geographic information system that enables viewing a map picture that is generated from vector-based data. Map pictures can be generated with vector-based data. Map pictures created with...

ASSIGNMENT: ROY GREGORY ANDREW [+3]
US20040032411 | US APPLICATIONS | 19-FEB-2004

137. **Wink action-based man-machine interaction method and system**

The invention claims a human-computer interaction technology field the invention claims a blinking based on the action of the human-computer interacting method for realizing user to the electronic device operation comprises: Via camera head obtaining the human face image; To the image to the human...

ASSIGNMENT: SHENZHEN INST ADV TECH CAS
CN102799277A | CHINESE APPLICATIONS | 28-NOV-2012

138. **Based on web pattern of the real time monitoring platform system and method thereof**

Based on web pattern of the real time monitoring platform system and method thereof it is composed of platform is used to provide monitoring the configuration information of said set platform reading figure and the graphic display system to implement people or managers said system the implementation...

ASSIGNMENT: SHANDONG LUNENG SOFTWARE TECH CO LTD [+1]
CN104410729A | CHINESE APPLICATIONS | 11-MAR-2015

139. **Method and system of digitizing ancient Chinese books and automatizing the content search**

The invention establishes the vision the similarity based on computer ancient books content search method and searching system. Is designed according to historical interest writing rule determined by the object of linear sequence number position characteristic of the page number and page in each of...

ASSIGNMENT: UNIV FUDAN
CN1336604A | CHINESE APPLICATIONS | 20-FEB-2002

140. **System and method for extending scalable vector graphics capabilities**

A system for extending interactivity of a presentation markup language is provided. The system comprises a collection of designated elements, and a collection of associated instructions for performing functions on elements in the document object model. Each designated element comprises a namespace,...

ASSIGNMENT: COREL CORP
US20040111672 | US APPLICATIONS | 10-JUN-2004

141. **Automatic lecture content creating system**

PROBLEM TO BE SOLVED: To provide an automatic lecture content creating system capable of automatically creating, without necessitating special hardware, highly compressed content from a lecture writing on a blackboard in an ordinary classroom. SOLUTION: In this system, a lecture conducted by a...

ASSIGNMENT: HOSEI UNIV
JP2006162692A | JAPANESE APPLICATIONS | 22-JUN-2006

142. **Displaying map layers in order**

A system and method for displaying map layers in order. First vector data which defines one or more features of a first layer of a map is received from a server. Second vector data which defines one or more features of a second layer of the map is received from the server. A first order for...

ASSIGNMENT: GOOGLE INC
US20130342545 | US APPLICATIONS | 26-DEC-2013

144. **Information retrieval**

An information retrieval system in which a set of distinct information items map to respective nodes in an array of nodes by mutual similarity of the information items, so that similar information items map to nodes at similar positions in the array of nodes; comprises a search arrangement for...

ASSIGNMENT: SONY UK LTD
US8230364 | US PATENTS | 24-JUL-2012

145. **Method and system for generating and displaying an interactive dynamic graph view of multiply connected objects**

A method and system for generating and displaying an interactive dynamic graph view of multiply connected objects, is provided. One implementation involves a process implemented in a system for generating a graph view on a user interface in a computing environment, including: at a server, generating...

ASSIGNMENT: INTL BUSINESS MACHINES CORP
US8711147 | US PATENTS | 29-APR-2014

146. **Method for hierarchical summarization and browsing of digital video**

A method of hierarchical digital video summarization and browsing includes inputting a digital video signal for a digital video sequence and generating a hierarchical summary based on keyframes of the video sequence. Additional steps may include computing histograms for the digital video sequence;...

ASSIGNMENT: SHARP KK
EP1040429A1 | EUROPEAN APPLICATIONS | 04-OCT-2000

147. **Geographic maps on a personal digital assistant (Pda) and server**

One or more embodiments of the invention provide for an interactive geographic information system on a personal digital assistant (PDA) (102). The system enables the viewing and interaction with geographic information on a PDA (102). Such information is available while the PDA (102) is connected to...

ASSIGNMENT: AUTODESK INC
EP1247209A2 | EUROPEAN APPLICATIONS | 09-OCT-2002

148. **Dynamic network browser**

A system and method of browsing digital content, and is related to companion applications filed simultaneously, all of which are part and parcel of a method for browsing digital content and composing digital media and data, via dynamic interaction of tiled images, external video, audio, text, and...

ASSIGNMENT: LILA APS AHEAD
US20120151408 | US APPLICATIONS | 14-JUN-2012

149. **Dynamic network browser**

A system and method of browsing digital content, and is related to companion applications filed simultaneously, all of which are part and parcel of a method for browsing digital content and composing digital media and data, via dynamic interaction of tiled images, external video, audio, text, and...

ASSIGNMENT: LILA APS AHEAD
US20100306696 | US APPLICATIONS | 02-DEC-2010

150. **Method and system for client-less viewing of scalable documents displayed using internet imaging protocol commands**

A method and system for viewing a document containing at least one page and at least one image, the document being located on a server computer, including sending by a client computer a page display request to the server computer creating by the server computer a layout page containing a reference...

ASSIGNMENT: DOXIO INC
US6449638 | US PATENTS | 10-SEP-2002

Show next: 50 | 100 | 250 | 500 | 1000 Results

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	23	(Rohrabaugh same Gary).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/10 17:52
L2	20	1 & (column and form)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/10 17:52
L3	15	1 & (column and form) & HTML & (zoom near4 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/10 17:52
L4	15	1 & ("columns" and form) & HTML & (zoom near4 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/10 17:53
L5	0	1 & ("columns" and form) & HTML & (zoom near4 level) & (preserv$3 near4 originnal near4 layout)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/10 17:54
L6	9	1 & ("columns" and form) & HTML & (zoom near4 level) & (preserv$3 near4 original near4 layout)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/10 17:54
S1	45	("6011905" | "6857102" | "7219309" | "20010047428" | "20040049598" | "6615212" | "6057854" | "20020112237" | "6674445" | "20050144256" | "6674445" | "6466203" | "6185625" | "6300947" | "6421733" | "5966135" | "20040049598" | "20020112237" | "6857102" | "6886034" | "6615212" |	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/07 13:05

		"6546397" | "6642925" | "20050144256" | "6300947" | "20010047428").PN.				
S5	140	("6857102" | "7051276" | "20070080958" | "6700589" | "20020091738" | "6556217" | "6650343" | "7142205" | "6133916" | "6985136" | "20050131887" | "6185625" | "6343377" | "6605120" | "6684087" | "6795089" | "7055095" | "20020030699" | "20040210833" | "6751620" | "6456305" | "6466203" | "6353448" | "6003046" | "6826727" | "6327533" | "5987256" | "6874131" | "7236173" | "6073136" | "6947995" | "7032172" | "6604681" | "5897644" | "6134566" | "6307562" | "6449639" | "6925597" | "7009626" | "7441196" | "7737993" | "6724403" | "6211856" | "5920327" | "6272484" | "6300947" | "6642925" | "7036076" | "6553393" | "20020018072" | "6161114" | "6535896" | "6791571" | "7162493").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/07 13:15
S6	172	S1 S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/07 13:31
S7	1	S6 & (Zaurus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/07 13:31
S8	98	Sharp & Zaurus & PDA	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/07 13:32
S9	98	S8 & Sharp & Zaurus & PDA	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/07 13:32
S10	90	S8 & (Sharp same Zaurus) & PDA	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/07 13:33
S11	50	S8 & ((Sharp same Zaurus) same PDA)	US-PGPUB; USPAT; USOCR;	OR	ON	2015/07/07 13:33

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S12	149393	HAra	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/07 13:34
S13	3	hara & "326169"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/07 13:35
S14	2	"6587119".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:24
S15	2	"5995095".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:26
S16	2	"6295372".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:36
S17	2	"6642925".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:41
S18	172	vector same zoom$4 same browser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:43
S19	0	S18 & (@pd or @ptad or @prad or @ad or @rlad)<"2000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:44
S20	10	S18 & (@pd or @ptad or @prad or	US-PGPUB;	OR	ON	2015/07/08

		@ad or @rlad)<"20000612"	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			15:44
S21	14	(power same Zaurus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:48
S22	210	tsutsumitake	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:50
S23	28	S22 & (mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:50
S24	6	S23 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:51
S25	149393	hara	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:52
S26	75199	S25 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:52
S27	1593	S26 & (pda mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:53
S28	8	S27 & (VGA (vector same zoom$4)) & browser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2015/07/08 15:53

			IBM_TDB			
S29	7732	hara & (PDA mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 16:19
S30	2459	hara.in. & (PDA mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 16:19
S31	189	S30 & (vector zoom$4 browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 16:19
S32	4	S31 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 16:20
S33	352	S30 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 16:21
S34	352	S33 & (PDA mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 16:26
S35	0	S33 & (PDA mobile) & brows$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 16:26
S36	0	S33 & (PDA mobile) & browser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 16:26
S37	172	vector same zoom$4 same browser	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2015/07/09 08:52

			EPO; JPO; DERWENT; IBM_TDB			
S38	23	(Rohrabaugh same Gary).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 08:54
S39	329	((vector SVG scalable) same zoom$4) & browser & column & (XML HTML)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 08:55
S40	45	("6011905" | "6857102" | "7219309" | "20010047428" | "20040049598" | "6615212" | "6057854" | "20020112237" | "6674445" | "20050144256" | "6674445" | "6466203" | "6185625" | "6300947" | "6421733" | "5966135" | "20040049598" | "20020112237" | "6857102" | "6886034" | "6615212" | "6546397" | "6642925" | "20050144256" | "6300947" | "20010047428").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 08:55
S41	140	("6857102" | "7051276" | "20070080958" | "6700589" | "20020091738" | "6556217" | "6650343" | "7142205" | "6133916" | "6985136" | "20050131887" | "6185625" | "6343377" | "6605120" | "6684087" | "6795089" | "7055095" | "20020030699" | "20040210833" | "6751620" | "6456305" | "6466203" | "6353448" | "6003046" | "6826727" | "6327533" | "5987256" | "6874131" | "7236173" | "6073136" | "6947995" | "7032172" | "6604681" | "5897644" | "6134566" | "6307562" | "6449639" | "6925597" | "7009626" | "7441196" | "7737993" | "6724403" | "6211856" | "5920327" | "6272484" | "6300947" | "6642925" | "7036076" | "6553393" | "20020018072" | "6161114" | "6535896" | "6791571" | "7162493").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 08:55
S42	172	S40 S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 08:55
S43	639	S37 S38 S39 S40 S41 S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2015/07/09 08:55

			DERWENT; IBM_TDB			
S44	329	S43 & ((vector SVG scalable) same (span$4 zoom$4 enlag$3)) & browser & column & (XML HTML)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 08:57
S45	41	S44 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 08:57
S46	44809	(g06f17/30905, h04l67/04, h04l9/446, g09g2340/0492, h04l67/2823).cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:06
S47	23	(Rohrabaugh same Gary).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:08
S48	23	(Rohrabaugh same Gary).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:08
S49	23	(Rohrabaugh same Gary).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:09
S50	79731	(g06f17/30905, h04l67/04, h04l9/446, g09g2340/0492, h04l67/2823, g06f3/0481, g06f2212/1048, g06f2203/04806, g06f2203/04808).cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:15
S51	15223	715/800-825.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:15
S52	29357	715/200-235.ccls.	US-PGPUB; USPAT; USOCR;	OR	ON	2015/07/09 09:16

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S53	119235	S43 S47 S50 S51 S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:16
S54	373	S53 & ((vector SVG scalabl$3) same (span$4 zoom$4 enlag$3)) & browser & column & (XML HTMl webpage (web near4 (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:17
S55	46	S54 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:17
S56	2901	S53 & (vector SVG scalabl$3 span$4 zoom$4 enlag$3) & browser & column & (XML HTMl webpage (web near4 (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:31
S57	442	S56 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:32
S58	343	S57 & (zoom$4 enalarg$3 span$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:32
S59	31	S57 & ((zoom$4 enalarg$3 span$4) near4 column)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:33
S60	0	((vector SVG scalable) same zoom$4) & browser & column & (XML HTMl) & S.AT.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:21
S61	0	((vector SVG scalable) same zoom$4)	US-PGPUB;	OR	ON	2015/07/09

		& browser & S.AT.	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			10:21
S62	0	S43 & ((vector SVG scalable) same (span$4 zoom$4 enlag$3)) & browser & column & (XML HTMl) & S.AT.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:21
S63	724	((vector SVG scalable) same (span$4 zoom$4 enlag$3)) & browser & column & (XML HTMl webpage (web near4 (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:23
S64	373	S53 & S63	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:23
S65	46	S64 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:23
S66	11	(US-20020033837-$).did. or (US-7219309-$ or US-5966135-$ or US-6546397-$ or US-6466203-$ or US-6421733-$ or US-6587119-$ or US-6480883-$ or US-5237317-$ or US-5911145-$).did. or (US-5966135-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 10:24
S67	14	(US-20020033837-$ or US-20020091738-$ or US-20050131887-$).did. or (US-7219309-$ or US-5966135-$ or US-6546397-$ or US-6466203-$ or US-6421733-$ or US-6587119-$ or US-6480883-$ or US-5237317-$ or US-5911145-$ or US-8533628-$).did. or (US-5966135-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 10:24
S68	5865168	combined citation search S67	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:25
S69	1	S59 & S65 & S68	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2015/07/09 10:26

			EPO; JPO; DERWENT; IBM_TDB			
S70	692	S63 & S68	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:27
S71	226	S70 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:27
S72	5	S71 & ((vector SVG scalable) near4 (span$4 zoom$4 enlag$3)) & browser & column & (XML HTMl webpage (web near4 (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:28
S73	14	(US-20020033837-$ or US-20020091738-$ or US-20050131887-$).did. or (US-7219309-$ or US-5966135-$ or US-6546397-$ or US-6466203-$ or US-6421733-$ or US-6587119-$ or US-6480883-$ or US-5237317-$ or US-5911145-$ or US-8533628-$).did. or (US-5966135-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 10:30
S74	0	H04L67/$.CPC. and G06F17/$.CPC	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 10:33
S75	18185	H04L67/$.CPC. and G06F17/$.CPC.	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 10:33
S76	24	S75 & ((vector SVG scalable) near4 (span$4 zoom$4 enlag$3)) & browser & column & (XML HTMl webpage (web near4 (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:33
S77	0	S76 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:33
S78	2874	S75 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:34

S79	82	S78 & (vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & (XML HTMl webpage (web near4 (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:35
S80	82	S79 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:35
S81	2	S80 & ((vector SVG scalable) same (span$4 zoom$4 enlag$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:36
S82	82	S80 & ((vector SVG scalable) & (span$4 zoom$4 enlag$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:36
S83	40	S82 & (mobile handheld PDA)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:36
S84	0	S78 & (zoom$4 near4 browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:38
S85	42	S75 & (zoom$4 near4 browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:38
S86	0	S85 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:38
S87	385176	H04L67/$.CPC. or G06F17/$.CPC.	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 10:39
S88	1293	g06f2206/$.cpc.	US-PGPUB; USPAT;	OR	ON	2015/07/09 10:39

			DERWENT			
S89	386204	S87 S88	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 10:39
S90	351	S89 & (zoom$4 near4 browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:39
S91	58	S90 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:40
S92	2	S91 & (vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & (XML HTMl webpage (web near4 (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:40
S93	18185	H04L67/$.CPC. and G06F17/$.CPC.	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 12:16
S94	2874	S93 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 12:16
S95	82	S94 & (vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & (XML HTMl webpage (web near4 (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 12:16
S96	82	S95 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 12:16
S97	82	S96 & ((vector SVG scalable) & (span$4 zoom$4 enlag$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 12:16
S98	40	S97 & (mobile handheld PDA)	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2015/07/09 12:16

			EPO; JPO; DERWENT; IBM_TDB			
S99	149410	hara	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 12:16
S100	81032	S99 & (@pd or @ptad or @prad or @ad or @rlad)<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 12:16
S101	11	S100 & ((vector SVG scalable) near4 (span$4 zoom$4 enlag$3)) & (mobile laptop touch pda)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 12:20
S102	17	S100 & ((vector SVG scalable) near4 (span$4 zoom$4 enlag$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 12:20
S103	12	S100 & ((vector SVG scalable span$4 zoom$4 enlag$3) same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 12:21
S104	0	S100 & ((vector SVG scalable span$4 zoom$4 enlag$3) & browser) & collumn	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 12:22
S105	126	S100 & ((vector SVG scalable span$4 zoom$4 enlag$3) & browser) & column	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 12:23
S106	126	S105 & (@pd or @ptad or @prad or @ad or @rlad)<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 12:23
S107	96	S106 & (pda mobile (limited small zero footfrint) near4 (resource device	US-PGPUB; USPAT;	OR	ON	2015/07/09 12:25

		handheld))	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S108	60	S107 & ((zoom$3 span$4) (column near4 span))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 12:26
S109	172	vector same zoom$4 same browser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 12:32
S110	141	S109 & (pda mobile (limited small zero footfrint) near4 (resource device handheld))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 12:32
S111	39	S110 & ((vector SVG scalable span$4 zoom$4 enlag$3) & browser) & column	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 12:32
S112	12	S111 & (@pd or @ptad or @prad or @ad or @rlad)<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 12:32
S113	25	S109 & (@pd or @ptad or @prad or @ad or @rlad)<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 12:33
S114	15	(US-20020033837-$ or US-20020091738-$ or US-20050131887-$).did. or (US-7219309-$ or US-5966135-$ or US-6546397-$ or US-6466203-$ or US-6421733-$ or US-6587119-$ or US-6480883-$ or US-5237317-$ or US-5911145-$ or US-8533628-$ or US-5956026-$).did. or (US-5966135-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 13:28
S115	7	S114 & column	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2015/07/09 13:28

			DERWENT; IBM_TDB			
S116	11	S114 & (vector SVG scalable span$4 zoom$4 enlag$3) & browser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 13:30
S117	9	S114 & (vector SVG scalable) & (zoom$4 enlag$3) & browser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 13:30
S118	1	"20020018072".pn. & (vector SVG scalable) & (zoom$4 enlag$3) & browser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 13:36
S119	16	(US-20020033837-$ or US-20020091738-$ or US-20050131887-$ or US-20020018072-$).did. or (US-7219309-$ or US-5966135-$ or US-6546397-$ or US-6466203-$ or US-6421733-$ or US-6587119-$ or US-6480883-$ or US-5237317-$ or US-5911145-$ or US-8533628-$ or US-5956026-$).did. or (US-5966135-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 19:40
S120	13	S119 & (zoom$4 enlarg$3 span$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 19:41
S121	7	S120 & column	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 19:47
S122	7	S119 & (zoom$4 enlarg$3 span$4) & "columns"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 20:08
S123	5	S119 & ((zoom$4 enlarg$3 span$4) same "columns") & form	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 20:08

S124	24888	((zoom$4 span$4) same "columns") & form	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 20:10
S125	158	S124 & (VGA (vector same zoom$4)) & browser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 20:11
S126	93	S125 & span$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 20:11
S127	69	S126 & (@pd or @ptad or @prad or @ad or @rlad)<"20010608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 20:11
S128	10	S119 & (form & table)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 20:13
S129	11	S119 & (mobile handheld pda notebook laptop)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 20:25
S130	7	S129 & (vector SVG scalable span$4 zoom$4 enlag$3) & browser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 20:26
S131	23	(Rohrabaugh same Gary).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 20:28
S132	1	"20020030699".pn. & (vector SVG scalable span$4 zoom$4 enlag$3) & browser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2015/07/09 20:29

			DERWENT; IBM_TDB			
S133	16	S119 & (standard regular large desktop computer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 20:45
S134	12	S119 & (standard regular large desktop computer) & (displayed same browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 20:45
S135	8	S119 & "columns"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 21:02
S136	3	12/941,106	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 21:07
S137	0	S136 & (form same columns)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 21:07
S138	3	S136 & (form & columns)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 21:07
S139	10	S119 & table and form	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 21:09
S140	5	S119 & S124	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 21:11
S141	2	"20010052110".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/10 11:56
S142	1	S141 & ((vector SVG scalable) & zoom$4) & browser	US-PGPUB; USPAT; USOCR;	OR	ON	2015/07/10 11:57

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S143	0	S142 & webpage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/10 11:57
S144	1	S142 & (web adj page)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/10 11:58
S145	1	S144 & (table form field)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/10 12:04

7/ 10/ 2015 6:00:52 PM
C:\ Users\ qtran3\ Documents\ EAST\ Workspaces\ 12941106_Final_2015.wsp

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	172	vector same zoom$4 same browser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 08:52
L2	23	(Rohrabaugh same Gary).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 08:54
L3	329	((vector SVG scalable) same zoom$4) & browser & column & (XML HTMl)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 08:55
L4	45	("6011905" | "6857102" | "7219309" | "20010047428" | "20040049598" | "6615212" | "6057854" | "20020112237" | "6674445" | "20050144256" | "6674445" | "6466203" | "6185625" | "6300947" | "6421733" | "5966135" | "20040049598" | "20020112237" | "6857102" | "6886034" | "6615212" | "6546397" | "6642925" | "20050144256" | "6300947" | "20010047428").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 08:55
L5	140	("6857102" | "7051276" | "20070080958" | "6700589" | "20020091738" | "6556217" | "6650343" | "7142205" | "6133916" | "6985136" | "20050131887" | "6185625" | "6343377" | "6605120" | "6684087" | "6795089" | "7055095" | "20020030699" | "20040210833" | "6751620" | "6456305" | "6466203" | "6353448" | "6003046" | "6826727" | "6327533" | "5987256" | "6874131" | "7236173" | "6073136" | "6947995" | "7032172" | "6604681" | "5897644" | "6134566" | "6307562" | "6449639" | "6925597" | "7009626" | "7441196" | "7737993" | "6724403" | "6211856" | "5920327" | "6272484" | "6300947" | "6642925" | "7036076" | "6553393" | "20020018072" | "6161114" |	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 08:55

		"6535896" | "6791571" | "7162493").PN.				
L6	172	L4 L5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 08:55
L7	639	1 2 3 4 5 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 08:55
L8	329	7 & ((vector SVG scalable) same (span$4 zoom$4 enlag$3)) & browser & column & (XML HTMl)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 08:57
L9	41	8 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 08:57
L10	44809	(g06f17/30905, h04l67/04, h04l9/446, g09g2340/0492, h04l67/2823).cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:06
L11	23	(Rohrabaugh same Gary).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:08
L12	23	(Rohrabaugh same Gary).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:08
L13	23	(Rohrabaugh same Gary).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:09
L14	79731	(g06f17/30905, h04l67/04, h04l9/446, g09g2340/0492, h04l67/2823, g06f3/0481, g06f2212/1048,	US-PGPUB; USPAT; USOCR;	OR	ON	2015/07/09 09:15

		g06f2203/04806, g06f2203/04808).cpc.	FPRS; EPO; JPO; DERWENT; IBM_TDB			
L15	15223	715/800-825.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:15
L16	29357	715/200-235.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:16
L17	119235	7 11 14 15 16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:16
L18	373	17 & ((vector SVG scalabl$3) same (span$4 zoom$4 enlag$3)) & browser & column & (XML HTMl webpage (web near4 (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:17
L19	46	18 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:17
L20	2901	17 & (vector SVG scalabl$3 span$4 zoom$4 enlag$3) & browser & column & (XML HTMl webpage (web near4 (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:31
L21	442	20 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:32
L22	343	21 & (zoom$4 enalarg$3 span$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:32
L23	31	21 & ((zoom$4 enalarg$3 span$4)	US-PGPUB;	OR	ON	2015/07/09

		near4 column)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			09:33
L24	0	((vector SVG scalable) same zoom$4) & browser & column & (XML HTMl) & S.AT.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:21
L25	0	((vector SVG scalable) same zoom$4) & browser & S.AT.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:21
L26	0	7 & ((vector SVG scalable) same (span$4 zoom$4 enlag$3)) & browser & column & (XML HTMl) & S.AT.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:21
L27	724	((vector SVG scalable) same (span$4 zoom$4 enlag$3)) & browser & column & (XML HTMl webpage (web near4 (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:23
L28	373	17 & 27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:23
L29	46	28 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:23
L30	11	(US-20020033837-$).did. or (US-7219309-$ or US-5966135-$ or US-6546397-$ or US-6466203-$ or US-6421733-$ or US-6587119-$ or US-6480883-$ or US-5237317-$ or US-5911145-$).did. or (US-5966135-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 10:24
L31	14	(US-20020033837-$ or US-20020091738-$ or US-20050131887-$).did. or (US-7219309-$ or US-5966135-$ or US-6546397-$ or US-6466203-$ or US-6421733-$ or US-6587119-$ or US-6480883-$ or US-	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 10:24

		5237317-$ or US-5911145-$ or US-8533628-$).did. or (US-5966135-$).did.				
L32	5865168	combined citation search 31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:25
L33	1	23 & 29 & 32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:26
L34	692	27 & 32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:27
L35	226	34 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:27
L36	5	35 & ((vector SVG scalable) near4 (span$4 zoom$4 enlag$3)) & browser & column & (XML HTMl webpage (web near4 (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:28
L37	14	(US-20020033837-$ or US-20020091738-$ or US-20050131887-$).did. or (US-7219309-$ or US-5966135-$ or US-6546397-$ or US-6466203-$ or US-6421733-$ or US-6587119-$ or US-6480883-$ or US-5237317-$ or US-5911145-$ or US-8533628-$).did. or (US-5966135-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 10:30
L38	0	H04L67/$.CPC. and G06F17/$.CPC	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 10:33
L39	18185	H04L67/$.CPC. and G06F17/$.CPC.	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 10:33
L40	24	39 & ((vector SVG scalable) near4 (span$4 zoom$4 enlag$3)) & browser & column & (XML HTMl webpage (web near4 (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:33

L41	0	40 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:33
L42	2874	39 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:34
L43	82	42 & (vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & (XML HTMl webpage (web near4 (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:35
L44	82	43 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:35
L45	2	44 & ((vector SVG scalable) same (span$4 zoom$4 enlag$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:36
L46	82	44 & ((vector SVG scalable) & (span$4 zoom$4 enlag$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:36
L47	40	46 & (mobile handheld PDA)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:36
L48	0	42 & (zoom$4 near4 browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:38
L49	42	39 & (zoom$4 near4 browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2015/07/09 10:38

			DERWENT; IBM_TDB			
L50	0	49 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:38
L51	385176	H04L67/$.CPC. or G06F17/$.CPC.	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 10:39
L52	1293	g06f2206/$.cpc.	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 10:39
L53	386204	51 52	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 10:39
L54	351	53 & (zoom$4 near4 browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:39
L55	58	54 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:40
L56	2	55 & (vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & (XML HTMl webpage (web near4 (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:40
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S7	1	S6 & (Zaurus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/07 13:31
S8	98	Sharp & Zaurus & PDA	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/07 13:32
S9	98	S8 & Sharp & Zaurus & PDA	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/07 13:32
S10	90	S8 & (Sharp same Zaurus) & PDA	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/07 13:33
S11	50	S8 & ((Sharp same Zaurus) same PDA)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/07 13:33
S12	149393	HAra	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/07 13:34
S13	3	hara & "326169"	US-PGPUB;	OR	ON	2015/07/07

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			13:35
S14	2	"6587119".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:24
S15	2	"5995095".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:26
S16	2	"6295372".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:36
S17	2	"6642925".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:41
S18	172	vector same zoom$4 same browser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:43
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S21	14	(power same Zaurus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	2015/07/08 15:48

			IBM_TDB			
S22	210	tsutsumitake	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:50
S23	28	S22 & (mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:50
S24	6	S23 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:51
S25	149393	hara	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:52
S26	75199	S25 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:52
S27	1593	S26 & (pda mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:53
S28	8	S27 & (VGA (vector same zoom$4)) & browser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 15:53
S29	7732	hara & (PDA mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 16:19
S30	2459	hara.in. & (PDA mobile)	US-PGPUB; USPAT; USOCR; FPRS;	OR	ON	2015/07/08 16:19

			EPO; JPO; DERWENT; IBM_TDB			
S31	189	S30 & (vector zoom$4 browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 16:19
S32	4	S31 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 16:20
S33	352	S30 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 16:21
S34	352	S33 & (PDA mobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 16:26
S35	0	S33 & (PDA mobile) & brows$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 16:26
S36	0	S33 & (PDA mobile) & browser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/08 16:26

7/9/2015 10:57:19 AM
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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	172	vector same zoom$4 same browser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 08:52
L2	23	(Rohrabaugh same Gary).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 08:54
L3	329	((vector SVG scalable) same zoom$4) & browser & column & (XML HTMl)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 08:55
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L7	639	1 2 3 4 5 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 08:55
L8	329	7 & ((vector SVG scalable) same (span$4 zoom$4 enlag$3)) & browser & column & (XML HTMl)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 08:57
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L11	23	(Rohrabaugh same Gary).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:08
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L13	23	(Rohrabaugh same Gary).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:09
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L16	29357	715/200-235.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:16
L17	119235	7 11 14 15 16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:16
L18	373	17 & ((vector SVG scalabl$3) same (span$4 zoom$4 enlag$3)) & browser & column & (XML HTMl webpage (web near4 (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:17
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L20	2901	17 & (vector SVG scalabl$3 span$4 zoom$4 enlag$3) & browser & column & (XML HTMl webpage (web near4 (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 09:31
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		near4 column)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			09:33
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L25	0	((vector SVG scalable) same zoom$4) & browser & S.AT.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:21
L26	0	7 & ((vector SVG scalable) same (span$4 zoom$4 enlag$3)) & browser & column & (XML HTMl) & S.AT.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:21
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L28	373	17 & 27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:23
L29	46	28 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:23
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L31	14	(US-20020033837-$ or US-20020091738-$ or US-20050131887-$).did. or (US-7219309-$ or US-5966135-$ or US-6546397-$ or US-6466203-$ or US-6421733-$ or US-6587119-$ or US-6480883-$ or US-	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 10:24

		5237317-$ or US-5911145-$ or US-8533628-$).did. or (US-5966135-$).did.				
L32	5865168	combined citation search 31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:25
L33	1	23 & 29 & 32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:26
L34	692	27 & 32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:27
L35	226	34 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:27
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L38	0	H04L67/$.CPC. and G06F17/$.CPC	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 10:33
L39	18185	H04L67/$.CPC. and G06F17/$.CPC.	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 10:33
L40	24	39 & ((vector SVG scalable) near4 (span$4 zoom$4 enlag$3)) & browser & column & (XML HTMl webpage (web near4 (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:33

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L44	82	43 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:35
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L47	40	46 & (mobile handheld PDA)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:36
L48	0	42 & (zoom$4 near4 browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/07/09 10:38
L49	42	39 & (zoom$4 near4 browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2015/07/09 10:38

			DERWENT; IBM_TDB			
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L52	1293	g06f2206/$.cpc.	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 10:39
L53	386204	51 52	US-PGPUB; USPAT; DERWENT	OR	ON	2015/07/09 10:39
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7/9/2015 10:57:00 AM
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Doc code: IDS
Doc description: Information Disclosure Statement (IDS) Filed

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
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99**)		
	Application Number	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

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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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	Application Number	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

	1	IPR2013-00007 Paper 4 [Amended] Petition for Inter Partes Review of U.S. Patent No. 7,461,353 filed Oct. 5, 2012 (short version), entire document pp. 1-64	☐
	2	IPR2013-00007 Paper 11 Decision to Institute Inter Partes Review entered March 29, 2013, pp. 1-40	☐
	3	IPR2013-00007 Paper 25 Patent Owner's Response to Petitioners' Petition for Inter Partes Review of U.S. Patent No. 7,461,353 filed July 19, 2013, entire document pp. 1-71	☐
	4	IPR2013-00007 Paper 28 Petitioners Consolidated Reply to Patent Owner's Response filed September 23, 2013, entire document pp. 1-26	☐
	5	IPR2013-00007 Paper 51 Final Written Decision entered March 27, 2014, pp. 1-37	☐
	6	IPR2013-00004 Paper 6 [Amended] Petition for Inter Partes Review of U.S. Patent No. 7,831,926 filed Oct. 5, 2012 (short version), entire document pp. 1-67	☐
	7	IPR2013-00004 Paper 12 Decision to Institute Inter Partes Review entered March 29, 2013, pp. 1-43	☐
	8	IPR2013-00004 Paper 25 Patent Owner's Response to Petitioners' Petition for Inter Partes Review of U.S. Patent No. 7,831,926 filed July 19, 2013, entire document pp. 1-69	☐
	9	IPR2013-00004 Paper 28 Petitioners Consolidated Reply to Patent Owner's Response filed September 23, 2013, entire document pp 1-26	☐
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	11	Declaration of Glenn Reinman in Support of Softview LLC's Opening Claim Construction Brief (PX 1024 - IPR2013-00004/IPR2013-00007), Sept. 21, 2012, pp. 1-23	☐

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	12	Reply Declaration of Jack D. Grimes, September 13, 2013 (PX 1030 - IPR2013-00004/IPR2013-00007), pp. 1-94	☐
	13	"Watch every Apple iPhone ad from the first 'Hello'," available at http://www.phonearena.com/news/Watch-every-Apple-iPhone-ad-from-the first-Hello-id27213 (PX 1035 - IPR2013-00004/IPR2013-00007), Feb. 23, 2012, pp. 1-7	☐
	14	Apple's iPhone TV Ads: The Complete Campaign - All 89 TBWA spots so far, beginning with the first teaser by Tim Nudd, available at http://www.adweek.com/adfreak/apples-iphone-tv-ads-complete-campaign-138229?page=1 (PX 1036 - IPR2013-00004/IPR2013-00007), Feb. 23, 2012, pp. 1-4	☐
	15	'353 Patent Claim Chart (claims 1, 317) - Zaurus/Pad++ (PX 1043 - IPR2013-00004/IPR2013-00007), Sept. 23, 2013, pp. 1-44	☐
	16	'926 Patent Claim Chart (claim 30) - Zaurus/Pad++ (PX 1044 - IPR2013-00004/IPR2013-00007), Sept. 23, 2013, pp. 1-16	☐
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	20	Supplemental Declaration of Richard J. Lutz, Ph.D., Oct. 11, 2013 (PX 1053 - IPR2013-00004/IPR2013-00007), pp. 1-3	☐
	21	Brief of Appellant Softview LLC [Corrected], Doc. 26, Softview LLC v Kyocera Corp. and Motorola Mobility LLC, United States Court of Appeals for the Federal Circuit No. 2014-1599, Sept. 8, 2014, pp. 1-177	☐
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A Akutsu, Y Tonomura ... - Applications in ..., 1992 - proceedings.spiedigitallibrary.org
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WR Caid, P Oing - US Patent 5,619,709, 1997 - Google Patents
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An image **zooming** technique based on **vector** quantization approximation [PDF] from researchgate.net
CC Chang, YC Chou, YH Yu, KJ Shih - Image and Vision Computing, 2005 - Elsevier
... on your **browser**. Please enable JavaScript to use all the features on this page. Image and Vision Computing. Volume 23, Issue 13, 29 November 2005, Pages 1214–1225. Cover image Cover image. An image **zooming** technique based on **vector** quantization approximation. ...
Cited by 38 Related articles All 5 versions Cite Save

[HTML] A progressive **vector** map **browser** for the web [HTML] from scielo.br
JAS Ramos, C Esperança, EWG Clua - Journal of the Brazilian ..., 2009 - SciELO Brasil
... client is implemented in JavaScript and is processed entirely within the web **browser** rather than ... In theory, the worst case scenario for **vector** map browsing consists of setting the viewing ... When the user changes the viewing window, ie, performs a **zooming** or panning operation ...
Cited by 6 Related articles All 8 versions Cite Save More

Zooming in a Web **Browser**
Z Lloyd, DJ Lee, J Danziger - US Patent App. 13/085,282, 2011 - Google Patents
... a front end component (eg, a client computer having a graphical user interface or a Web **browser** through which a ... Smooth **zooming** in web applications. US20020091738 *, Jun 8, 2001, Jul 11, 2002, Rohrabaugh Gary B. Resolution independent **vector** display of internet content. ...
Cited by 7 Related articles All 2 versions Cite Save

Method and system for building and using intelligent **vector** objects
W Hunt, E Reinholm, A Schuessler - US Patent App. 09/985,902, 2001 - Google Patents
... [0045] In addition, the scalability inherent to **vector** lines means that vectors are scalable on the client **browser**. **Zooming** in to look at detail in a **vector** format graphics image does not degrade in the same way that raster images degrade. ...
Cited by 33 Related articles All 2 versions Cite Save

A constraint extension to scalable **vector** graphics [PDF] from washington.edu
GJ Badros, JJ Tirtowidjojo, K Marriott, B Meyer... - Proceedings of the 10th ..., 2001 - dl.acm.org
... developed by the World Wide Web Consortium for describing two dimensional **vector** graphics for ... The new layout ideally should be generated automatically by the **browser** based on a ... **Zooming** that preserves the semantic presentation of the LAN topology diagram but changes ...
Cited by 63 Related articles All 32 versions Cite Save

Towards an open architecture for **vector** GIS
RI Dunfey, BM Gittings, JK Batcheller - Computers & Geosciences, 2006 - Elsevier
... functionality, 3 which is widely regarded as a key feature of any next generation web **browser**. ... raster structure is any faster, with regard to display and interaction, than a **vector** equivalent ... Any significant **zooming** of a raster map requires the generation of a new raster (processing ...
Cited by 47 Related articles All 6 versions Cite Save

A tactile web **browser** for the visually disabled [PDF] from psu.edu
M Rotard, S Knödler, T Ertl - ... of the sixteenth ACM conference on ..., 2005 - dl.acm.org

... Bitmap images and Scalable **Vector** Graphics (SVG) can be explored in a special mode, in which filters can be applied and **zooming** is possible. ... The web **browser** supports voice output to read text paragraphs and to provide feedback on interactions to the users. ...
Cited by 51 Related articles All 8 versions Cite Save

Comparing speed-dependent automatic **zooming** with traditional scroll, pan and zoom methods

[PDF] from canterbury.ac.nz

A Cockburn, J Savage - People and Computers XVII—Designing for ..., 2004 - Springer
... red cross appears in the centre of the display and a **vector** shows the ... The implementation is similar to the document **browser**, with large maps constructed from separate ... efficiency, preferences, and general usability issues of speed-dependent automatic **zooming** with traditional ...
Cited by 83 Related articles All 7 versions Cite Save

CAT: A hierarchical image **browser** using a rectangle packing technique

[PDF] from psu.edu

A Gomi, R Miyazaki, T Itoh, J Li - ... Visualisation, 2008. IV'08. ..., 2008 - ieeexplore.ieee.org
... Based on the above results, we led the policies for the image **browser**, as described in Section 1. Policy 1 ... CAT then normalizes the feature **vector** of each image, and calculates cosine values of all possible pairs of im ... (Lower) LOD control interlocking to the **zooming** operation. ...
Cited by 47 Related articles All 10 versions Cite Save

Resolution independent **vector** display of internet content

GB Rohrabaugh, SA Sherman - US Patent 7,210,099, 2007 - Google Patents
... be deployed as a standard **browser** plug-in, or Java applet for extending **browser** functionality. ... This "zoom and pan" capability, familiar to CAD and other **vector** content software users, adds ... For very small displays, real time **zooming** and panning allows the user to see graphics ...
Cited by 40 Related articles All 4 versions Cite Save

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Notice of References Cited	Application/Control No. 12/941,106	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-2001/0052110	12-2001	Orbanes et al.	717/1
*	B	US-5,911,145 A	06-1999	Arora et al.	715/207
	C	US-			
	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	
	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
	12941106	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	04/07/2012	03/10/2013	12/01/2014	07/20/2015					
	1	✓	✓	✓	✓					
	2	✓	✓	✓	✓					
	3	✓	✓	✓	✓					
	4	✓	✓	✓	✓					
	5	✓	✓	✓	✓					
	6	✓	✓	-	-					
	7	✓	✓	✓	✓					
	8	✓	✓	✓	✓					
	9	✓	✓	✓	✓					
	10	✓	✓	-	-					
	11	✓	✓	✓	✓					
	12	✓	✓	-	-					
	13		✓	-	-					
	14		✓	-	-					
	15			✓	✓					
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	24			✓	✓					
	25			✓	-					
	26			✓	✓					
	27			✓	✓					
	28			✓	✓					
	29			✓	✓					
					✓					
					✓					

REMARKS

Claims 1-5, 7-9, 11, 15-18, 21-24, and 26-32 were previously pending. Applicant respectfully requests reconsideration of the instant application in view of the foregoing amendments and/or the following remarks. By this Amendment/Response, claim 15 has been canceled without prejudice or disclaimer. Applicant maintains that the original claims are in condition for allowance and explicitly reserves the right to add or pursue those claims at a later time and/or in one or more continuation and/or divisional applications. Claims 1-5, 7-9, 11, 16-18, 21-24, and 26-32 are currently pending.

Double Patenting

Claims 1-5, 7-9, 11, 15-18, 21-24 and 26-32 have been provisionally rejected on the ground of non-statutory obviousness-type double patenting as allegedly being unpatentable over claims 1-18 of U.S. Patent No. 8,386,959. Although Applicant respectfully traverses this rejection and submits that a *prima facie* showing of obviousness-type double patenting has not been set forth, Applicant respectfully requests that the instant rejection be held in abeyance pending the identification of allowable material, at which time Applicant may be willing to file a terminal disclaimer to obviate such rejection depending on the scope of allowed claims *vis a vis* claims of the prior patent and/or patent application.

Claim Rejections - 35 U.S.C. § 112, ¶ 1

In the Office Action, the Examiner states:

> Claims 1-20 rejected under 35 U.S.C. 112(a) or **35 U.S.C. 112 (pre-AIA), first paragraph,** as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor or a joint inventor, or for pre-AIA the inventor(s), at the time the application was filed, had possession of the claimed invention.

Office Action, p. 7. However, the Examiner has failed to identify a single claim element of any of claims 1-20 that does not meet the written description requirement (noting that claims 6, 10, 12-14, 19, and 20 were previously canceled). According to MPEP 2163.04, the burden is on the Examiner with regard to the written description requirement. The Examiner has clearly not met this burden. Accordingly, the rejection of each of claims 1-5, 7-9, 11, 16-18 under 35 U.S.C § 112, first paragraph, is improper and should be withdrawn.

Claim 30 has been rejected under pre-AIA 35 U.S.C. § 112, first paragraph as allegedly failing to comply with the written description requirement. Specifically, the pending rejection alleges that, "Claim 30 recites the limitation 'a non-predefine zoom level'" (sic) and that "[t]here is **no** mention in the original/current Specification of this feature." Office Action, p. 7. Applicant respectfully traverses this rejection and submits that the Examiner has not put forth a *prima facie* showing of lack of written description, and that the instant specification describes "the claimed invention in sufficient detail that one skilled in the art can reasonably conclude that the inventor had possession of the claimed invention." MPEP § 2163.I. Detailed description related to the claimed, "non-predefined zoom level," as recited in claim 30 may be found throughout the originally filed specification, drawings and claims. By way of non-limiting example, Applicant directs the Examiner's attention to ¶ 0011 of the instant specification (US 2011/0231746 A1) discussing user-defined zoom windows, ¶ 0034 discussing "resolution-independent vector display of Internet content to allow it to be scaled (zoomed) larger and smaller . . . to fit *any* resolution or screen size," and ¶ 0040 discussing how "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," the "'zoom and pan' capability . . . add[ing] dramatically to the usability of non-standard display sizes," and "[c]ontent created for one display resolution now can be sized, real time, for *any* other display." See also ¶ 0095 ("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.") Applicant submits that additional description supporting the identified claim elements may be found elsewhere and throughout the originally filed specification, drawings and claims.

Applicant further submits that the Examiner has not put forth a *prima facie* showing of lack of written description. The MPEP prescribes that "[a] description as filed is presumed to be adequate, unless or until sufficient evidence or reasoning to the contrary has been presented by the examiner to rebut the presumption," and that "[t]he examiner has the initial burden of presenting by a preponderance of evidence why a person skilled in the art would not recognize in an applicant's disclosure a description of the invention defined by the claims." MPEP §2163.III.A. Applicant submits that the pending rejection has put forth no such evidence. Instead, in the Office Action, the Examiner has merely alleged that "[t]here is **no** mention in the original/current Specification of this feature," seemingly insisting upon *in haec verba* support. Office Action, p. 7 (original emphasis); *see* MPEP § 2163.02 ("The subject matter of the claim need not be described literally (i.e., using the same terms or *in haec verba*) in order for the disclosure to satisfy the description requirement."). As prescribed by MPEP § 2163 (I), "[t]o satisfy the written description requirement, a patent specification must describe the claimed invention in sufficient detail that one skilled in the art can reasonably conclude that the inventor had possession of the claimed invention." Applicant submits that at least the portions of the specification cited above would provide sufficient detail for one of ordinary skill in the art to reasonably conclude that the inventor had possession of the claimed invention, and that the Office Action is devoid of any evidence sufficient to satisfy the Examiner's "initial burden."

For at least these reasons, Applicant submits that the claims and specification satisfy the written description requirement of 35 U.S.C. § 112, ¶ 1 and that the pending rejection has not made a *prima facie* showing of lack of written description to overcome the presumption of adequate written

description. Accordingly, Applicant respectfully requests reconsideration and withdrawal of this basis of rejection and allowance of the claims. Should the Examiner maintain the rejection, Applicant respectfully requests that the Examiner provide reasons establishing, "by a preponderance of the evidence," why he believes "a person skilled in the art at the time the application was filed would not have recognized that the inventor was in possession of the invention as claimed in view of the disclosure of the application as filed," as required, *inter alia*, by MPEP § 2163.III.A. Should the Examiner maintain the rejection, Applicant further requests that the Examiner "suggest amendments to the claims which can be supported by the application's written description," as prescribed by MPEP § 2163.III.A.

Claim Rejections - 35 U.S.C. § 112, ¶ 2

Claims 15 and 30 has been rejected under pre-AIA 35 U.S.C. § 112, second paragraph as allegedly being indefinite. Specifically, the Examiner has alleged that "[c]laim 15 contains the trademark/trade name Internet Explorer™," and that, "[t]he claim scope is uncertain since the trademark or trade name cannot be used properly to identify any particular material or product." Office Action, p. 8. Further, the Examiner has alleged that "[c]laim 30 recites the limitation 'a non-predefine zoom level' (sic), render the claims indefinite, because this term 'a non-predefine zoom level' which is not define the claim terms." Office Action, p. 9.

Regarding claim 15, although Applicant respectfully traverses this rejection and submits that a *prima facie* showing of indefiniteness has not been set forth, Applicant has canceled claim 15 without prejudice or disclaimer. Accordingly, Applicant submits that this basis of rejection has been rendered moot.

Regarding claim 30, Applicant respectfully traverses this rejection and submits that a *prima facie* showing of indefiniteness has not been set forth. The MPEP states that Applicant "can define in the claims what they regard as their invention essentially in whatever terms they choose so long as any special meaning assigned to a term is clearly set forth in the specification," and that, "a claim may not be rejected solely because of the type of language used to define the subject matter for which patent protection is sought." MPEP § 2173.01. It states that, "The essential inquiry . . . is whether the claims set out and circumscribe a particular subject matter with a reasonable degree of clarity and particularity." MPEP § 2173.02.II. In particular, the MPEP states that "[d]efiniteness of claim language must be analyzed, not in a vacuum, but in light of: (A) The content of the particular application disclosure; (B) The teachings of the prior art; and (C) The claim interpretation that would be given by one possessing the ordinary level of skill in the pertinent art at the time the invention was made." *Id.* The Examiner has not undertaken any of the required analysis in the instant Office Action, instead merely stating, *ipse dixit*, that "this term . . . which is not define the claim terms (sic)." Office Action, p. 9. The MPEP further requires that, "the examiner must consider the claim as a whole to determine whether the claim apprises one of ordinary skill in the art of its scope." MPEP § 2173.02.II. The Examiner has not done this, but instead has focused the analysis on the phrase "non-predefine zoom level" in complete isolation from both the claim as a whole and the specification, as it would be understood by a person of ordinary skill in the art, in direct contravention of the prescriptions of the MPEP. "Examiners are urged to carefully carry out their responsibilities," and "The Office action must set forth . . . why the metes and bounds are unclear . . . . for the applicant to prepare a meaningful response." MPEP § 2173.02.III.A-B. Applicant submits that the Examiner's rejection of claim 30 on these grounds is inadequate, lacking in any analysis of the understanding of a person of ordinary skill in the art in view of the content of the disclosure or the prior art, and so unclear as to hinder Applicant's

ability to provide a meaningful response. Accordingly, inasmuch as a *prima facie* showing of indefiniteness has not been set forth, Applicant respectfully requests reconsideration and withdrawal of this basis of rejection. Should the Examiner maintain the rejection, Applicant respectfully requests that (1) the Examiner analyze the claim in light of (A) the content of the particular application disclosure, (B) the teachings of the prior art, and (C) the claim interpretation that would be given by one possessing the ordinary level of skill in the pertinent art at the time the invention was made (MPEP § 2173.02.II); (2) consider the claim as a whole (*Id.*); and (3) "suggest claim language to applicant to improve the clarity of precision of the language used" (MPEP § 2174.02.II), as required by the MPEP in support of a *prima facie* showing of indefiniteness.

Claim Rejections - 35 U.S.C. § 103

Claims 1-5, 7-9, 11, 15-18, 21-24, 26-28 and 30-32 have been rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over Orbanes et al., U.S. Patent Application no. 2001/0052110 (hereinafter, "*Orbanes*") in view of Arora et al., U.S. Patent no. 5,911,145 (hereinafter, "*Arora*"); and claim 29 has been rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over *Orbanes* in view of *Arora* and in further view of Chui, U.S. Patent Application no. 2002/0018072. Applicant respectfully traverses these rejections and submits that a *prima facie* showing of obviousness has not been set forth and that the applied references, taken either individually or in combination, fail to discuss or render obvious every element of each pending claim. The Examiner has combined features and or functionality from multiple references that could not be combined by a person having ordinary skill in the art (or "PHOSITA") to practice the claimed invention, nor is there any motivation within the references to combine them in the manner alleged by the Examiner. In addition, the combination of references clearly do not teach or fairly suggest all of the claim elements of any of the claims.

The Examiner states that *Orbanes* discloses the following limitation of claim 1:

> requesting through a mobile device having a touch-sensitive display a Web page comprising HTML-based Web content defining an original page layout, functionality, and design for viewing on a commercially available desktop browser, said HTML-based Web content including HTML code for ... multiple columns; retrieving and processing at the mobile device the HTML-based Web content including the HTML code for the at least one form and the multiple columns to generate a scalable vector representation of the Web page.

Office Action, pp. 10-12. The only mention of columns cited by the Examiner is in ¶ 0063 of *Orbanes*, which describes a "range of motion of an [data] object, such as a cursor, in Cartesian coordinates, such as columns and rows, respectively, of a display." The mere mention of the word "columns," particularly in the context of "rows and columns . . . of a display [screen]" plainly fails to discuss or render obvious the claimed "HTML-based Web content including . . . multiple columns." Applicant respectfully asserts that the columns and rows of a display fail to discuss or render obvious a Web page comprising HTML-based Web content including "HTML code for at least one form and multiple ***columns.***"

As an example of a Web page with multiple columns, FIG. 7A of the instant application has been augmented below to clarify that it includes 3 columns.

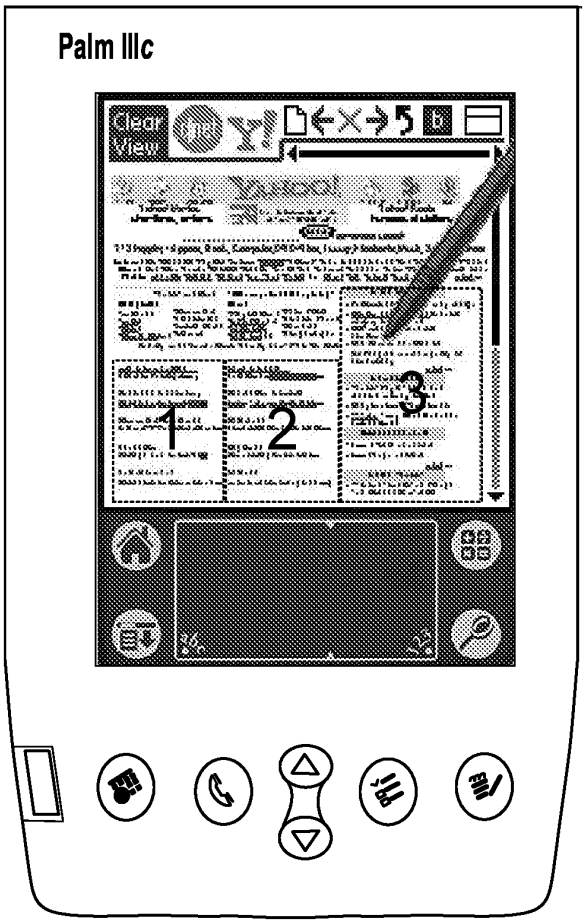


FIG. 7A

In view of the foregoing, a PHOSITA would recognize that HTML code for multiple columns would form multiple columns of content in an HTML context when processed by a Web browser (such as shown in FIG. 7A). See also specification, ¶¶ 79-80. Moreover, no PHOSITA would consider column and row Cartesian coordinates on a display to have anything to do with HTML code for … multiple columns. Accordingly, it is clear that *Orbanes* does not disclose or teach this claim element.

The Examiner further states that *Orbanes* discloses the following limitations of claim 1:

> rendering the Web page on the touch-sensitive display utilizing the scalable vector representation to produce a first view of the Web page at a first zoom level that preserves the original page layout, functionality and design defined by the HTML-based Web content including the at least one form and the multiple columns relative to the original page layout, functionality and design defined by the HTML-based Web content including the at least one form and the multiple columns when rendered by the commercially available desktop browser.
>
> re-rendering the Web page utilizing the scalable vector representation in response to associated user inputs to iteratively zoom in and out views of the Web page at multiple different zoom levels while preserving the original page layout, functionality, and design defined by the HTML-based Web content including the at least one form and the multiple columns relative to the original page layout, functionality and design defined by the HTML-based Web content including the at least one form and the multiple columns when rendered by the commercially available desktop browser

Office Action, pp. 12-18.

Applicant respectfully disagrees. Not only does *Orbanes* not disclose these elements, *Orbanes* teaches away. The system in *Orbanes* clearly changes the original page layout, functionality, and design defined by the HTML-based content for the Web page. For example, the x, y screen coordinates used by ZML are entirely different the x, y coordinates of the same objects as defined by the HTML-based content for a Web page:

- **"When panning, screens are modeled as a pyramidal structure based on hierarchy level and relative position of parent screens within the pyramid**. For example, each screen can have a coordinate (x, y, z) location. The z coordinate corresponds to the hierarchical level of the screen. **The x, y coordinates are used to indicated relative position to each other, base on where the parent screen is**. For example, refer to the appearances of data objects 2604 and 2610 of FIG. 26. In the parent screen 2604, the "news" data object element is to the right of the "charts" data object element. The user changes the viewing perspective to the hierarchical level corresponding with the appearance 2610. The user can pan at this level. **When panning right at this lower hierarchical level, the screen to the right is a more detailed screen, at that particular hierarchical level, of the travel region of the "news" data object element**." *Orbanes* ¶ 0169 (emphasis added);

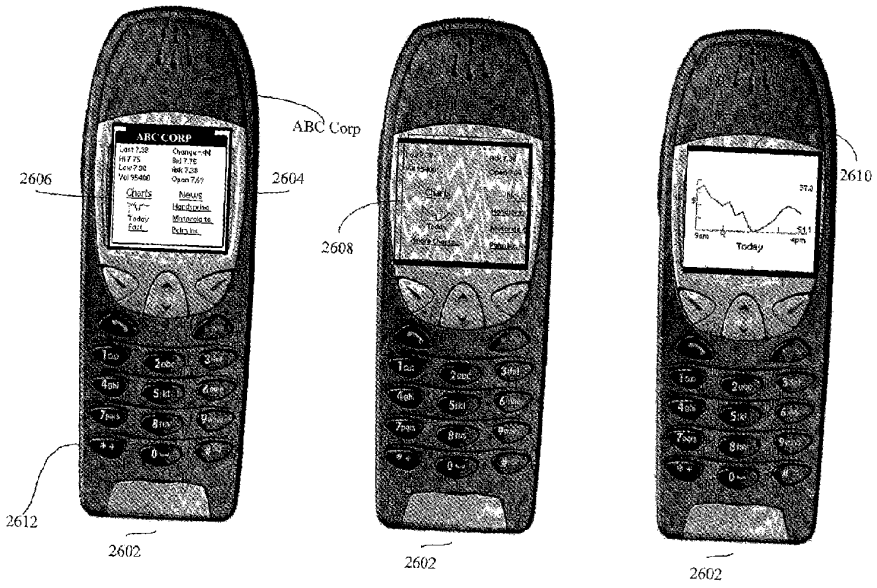


FIGURE 26

- "**After the spatial layout style portion 1005 *a* assigns the records 2306 *a*-2306 *e* to locations in the virtual space1010, the contents style portion 1005 *b* determines how to render each record detail 2305 individually**. A shoe store, a Web search engine, and a hotel travel site, for example, typically would all display their individual products and/or services and thus, record detail 2305, differently. The contents style portion 1005 *b* **creates the user-friendly style**, and arranges the data 2305 within each record 2306 *a*-2306 *e*. Referring back to the patient example, the contents style portion 1005 *b* arranges the patient's information within a region 2316 (e.g., a plate), placing the title A1 on top, the identification number B1 of the patient over to the left, charts in the middle and other information D1 in the bottom right comer." *Orbanes* ¶ 0172 (emphasis added);

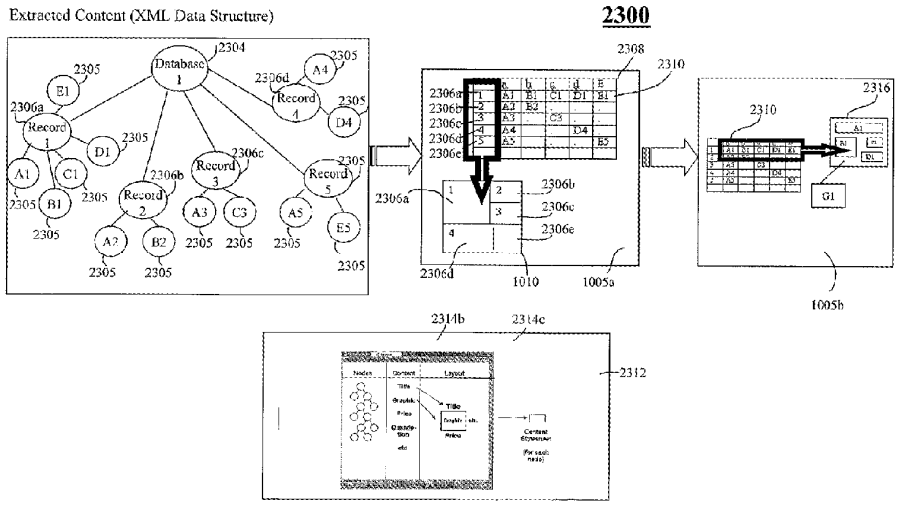


FIGURE 23

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- **The zoom renderer 1020 may reside on devices that are limited in capacity such as** vehicle computers, key chains, and **PDAs with limited memory and processing capabilities**. **Such devices often have limited and strained network bandwidth and are not designed for complicated graphic appearances**. **They may not have a typical browser 1018 that a personal computer would have**. The following techniques help provide a high bandwidth experience over a low bandwidth connection (i.e., expensive experience over inexpensive capabilities). One goal of the following techniques are to keep the size of the code small, including a small stack and a small heap, using the heap over the stack. **Another goal is to provide rapid graphic appearances with simple routines and small memory requirements**. The following techniques can be variously combined to achieve desired goals.

  One technique is for use with the ZML™ format. **This technique uses parent-child relationships as impetus to minimize the need to specify explicit coordinates**. It can be accomplished using a recursive table-like layout propagated over three-dimensional space. The table-like layout can contain n children per row, outside cell border percentages, intra cell border percentages, zoom-to, no screens. **In the absence of explicit coordinates for ZML™ objects, a table layout may be employed within the ZML™ properties, such as children per row and outside, inside border percentages**. Tables may be nested within tables. This method is analogous to HTML table layouts. The goal is to provide, at any given zoom level, a reasonable number of choices and a coherent display of information. Even though data objects are related to each other using a recursive, table-like layout, **the coordinate system placement is not replaced entirely**. **This provides to the ability to place plates explicitly, independent of any parent or child**. *Orbanes* ¶¶ 0184-0185 (emphasis added);

Clearly, by not specifying where the Web page's objects should be placed in accordance with the object layout information defined by the page's HTML-based content the *Orbanes* system is not able to preserve page layout and design defined by the HTML-based content for the Web page.

Zooming and panning under *Orbanes* also does not result in scaling the entire page or panning while keeping the page scale the same, but rather individual objects being zoomed on are shown larger and in more detail, while other objects are shown smaller with less detail. This requires a change in the layout of the objects on the displayed screen:

- "[T]he viewing system 1000 displays data objects that are relatively farther away from the camera 1016 as smaller **and with less detail**, with size and **detail being a function of the virtual distance from the camera** 1016." *Orbanes* ¶ 0104 (emphasis added);
- "[A]s the user visually zooms into the displayed clothing store, . . ., the viewing system presents the user **increasing detail** with regard to **specific items** sold at the store. As the

user virtually navigates closer to a particular plate, the system 100 displays **less of the information contained on the particular plate** to the user, but displays that portion within view of the user **in greater detail**. As the user virtually navigates farther away, the system 100 displays **more of the information contained on the plate, but with less detail**." *Id.* at ¶ 0105 (emphasis added);

- "[D]ata objects located at nodes that are hierarchically closer to the user's virtual viewing position are displayed as being **larger and with more detail** than data objects located at nodes that are hierarchically farther away from the user's virtual viewing position. By way of example, in response to the user having a virtual viewing position indicated by the camera 1216b, the viewing system 1000 displays the graphic appearance 1206a to the user **with greater detail and at a larger size than**, for example, the graphic appearances 1206b-1206h. Similarly, the viewing system 1000 displays the graphic appearances 1206b and 1206c to the user **with greater detail and at a larger size** than it displays the graphic appearances 1206d-1206h." *Id.* at ¶ 0110 (emphasis added);
- "FIG. 14 provides a simplified flow diagram 1400 depicting operation of the viewing system 1000 when **determining how much detail of a particular data object to render for the user**. This decision process can be performed by a client, such as the client 1014 depicted in FIG. 19 or by the stylizer module 1004. As the decision block 1402 illustrates, the viewing system 1000 determines the virtual velocity of the change in the user's virtual position, and employs the virtual velocity as a factor in determining how much detail to render for the data objects. The viewing system 1000 also considers the display area available on the client to render the appearance of the data objects (e.g., screen size of client 1014). As indicated in steps 1402 and 1404, in response to determining that the virtual velocity is above one or more threshold levels, the viewing system 1000 **renders successively less detail**." *Id.* at ¶ 0124 (emphasis added);
- Fig. 15 (1504a versus 1504b);

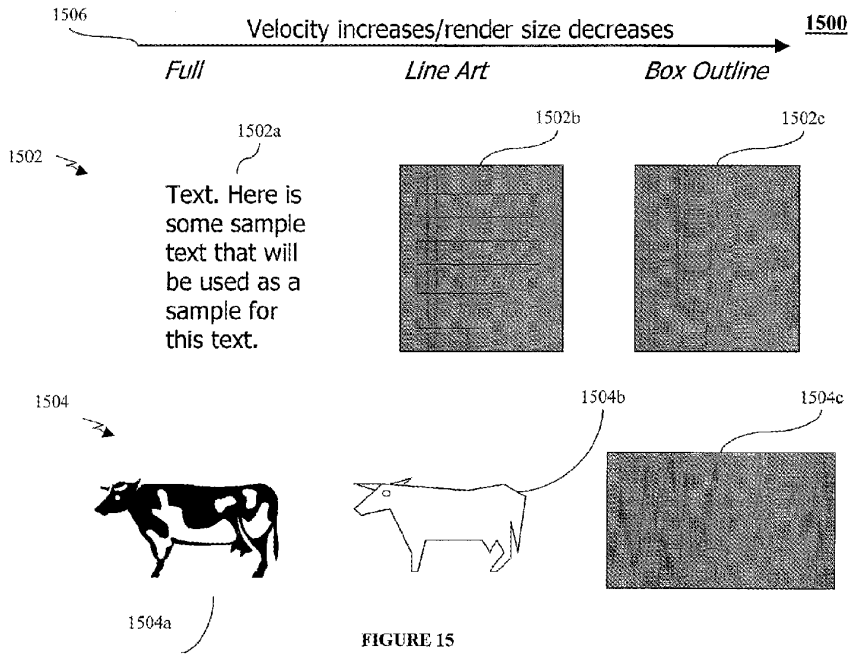


FIGURE 15

- "The axis 1506 indicates that as virtual velocity increases and/or as client display area decreases, the viewing system 1000 **decreases the amount of detail in the appearance**. At the "full" end of the axis 1506, the virtual velocity is the slowest and /or the client display area is the largest, and thus, the viewing system 1000 renders the textual data object 1502 and the image data object 1504 **with relatively more detail**, shown at 1502a and 1504a." *Id.* at ¶ 0125 (emphasis added); *see also Id.* at Fig. 15.
- "According to one embodiment, in response to the user moving a cursor over a region of the display, the viewing system 1000 **reveals more detail** about the data object(s) over which the cursor resides. By way of example, referring to the plates 1104a -1104c of FIG. 11, in response to the user placing the cursor in a particular location, the viewing system 1000 displays data objects on one or more plates behind the plate in current view. The term "fisheye" refers to a region, illustratively circular, in the display that acts conceptually as a magnified zoom lens. According to a fisheye feature, the viewing system 1000 **expands and shows more detail** of the appearance of the data objects within the fisheye region. In one embodiment, these concepts are used in combination with a breadcrumb trail." *Id.* at ¶ 0130 (emphasis added);
- See also *Orbanes* at ¶¶ 0145 to 0147 describing an extraction process that converts an HTML Web page to a hierarchical XML data structure, "stripping away non-essential data and creating a hierarchical tree to bind the primary content." *Id.* at ¶ 0146.

It is also clear the disclosure of *Orbanes* teaches away from claim elements relating to,

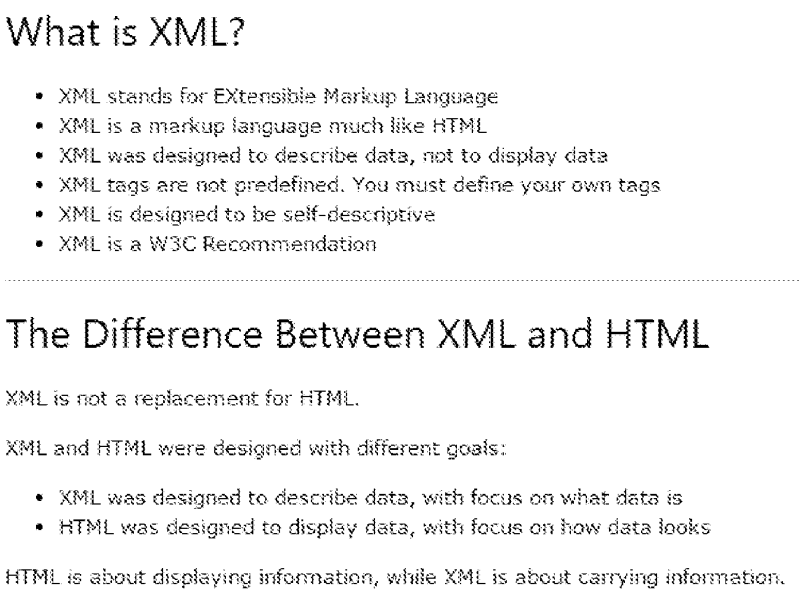
"preserves the original page layout, functionality and design defined by the HTML-based Web content

including the at least one form and the multiple columns relative to the original page layout,

functionality and design defined by the HTML-based Web content including the at least one form and the multiple columns when rendered by the commercially available desktop browser." Rather, *Orbanes* teaches a much different approach, where information relating to the page layout is discarded during the HTML->XML->ZML->HTML conversion processes, and page content is navigated via a hierarchy of objects.

Orbanes processes web pages by traversing the HTML to generate an XML document, then processes the XML to generate ZML, then generates a display (screen) with the ZML (e.g., a zoom), and then converts the ZML back to HTML. This technique inherently cannot preserve the original page layout, functionality, and design defined by the HTML-based content for the Web page.

First, the conversion from HTML to XML will result in a loss of page layout and design information. XML, by its definition, is designed for describing data, not displaying how the data (page content) looks. For example, as stated at http://www.w3schools.com/xml/xml_whatis.asp,



What is XML?

- XML stands for EXtensible Markup Language
- XML is a markup language much like HTML
- XML was designed to describe data, not to display data
- XML tags are not predefined. You must define your own tags
- XML is designed to be self-descriptive
- XML is a W3C Recommendation

The Difference Between XML and HTML

XML is not a replacement for HTML.

XML and HTML were designed with different goals:

- XML was designed to describe data, with focus on what data is
- HTML was designed to display data, with focus on how data looks

HTML is about displaying information, while XML is about carrying information.

Rather than present Web pages as they would appear on a commercial desktop browser, such as Netscape Navigator and Internet Explorer, *Orbanes*' approach was to traverse the HTML for the page to extract the page content in the form of a hierarchy of objects and links (with the hierarchy defined by the resulting XML that was generated). This process is shown in Figures 21 and 22, and described in *Orbanes* at paragraphs 0147 to 0149, while examples XML hierarchies is shown in Figure 21 (Data Hierarchy below) and 23 (Extracted Content (XML Data Structure) shown above).

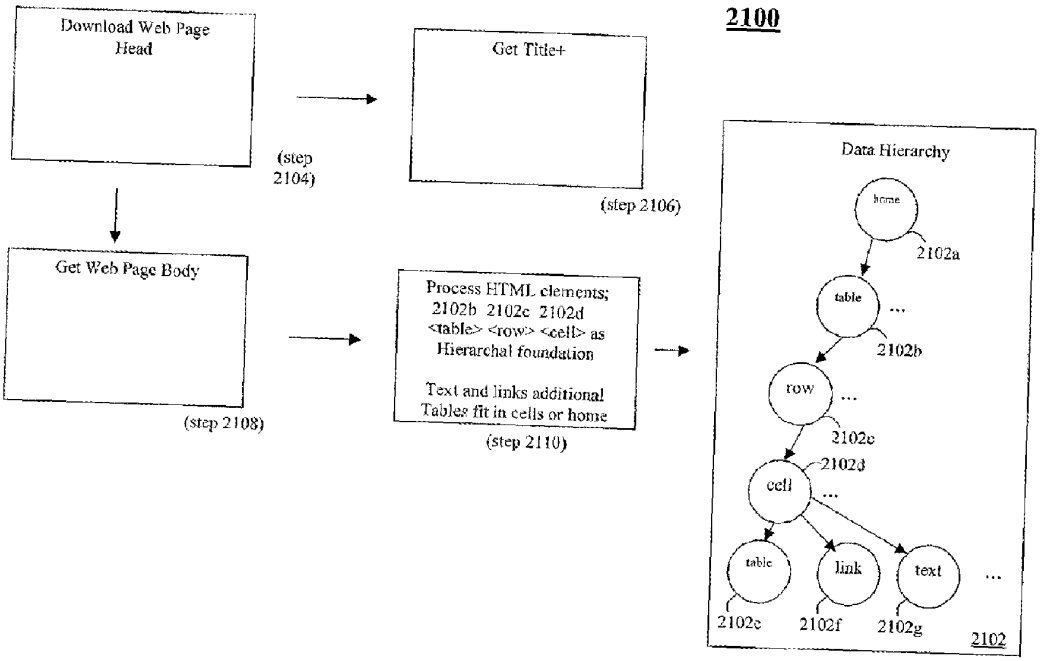


FIGURE 21

The foregoing process generates the XML hierarchy, which is then processed to generate the ZML through use of a "stylizer" module. See *Orbanes*, ¶¶ 0171 to 0175; Figure 23. Examples of the resulting displays are shown in Figures 24, 25 and 26 (shown above) of *Orbanes*. See *Orbanes*, ¶¶ 0194 to 0195.

Following generation of the ZML content, a third conversion from ZML back to HTML is performed. The HTML content that results from the HTML->XML->ZML->HTML conversion process would clearly be different than the HTML-based Web content at the start of the conversion process. Thus, since the converted HTML content that would be sent to the client device (e.g., after a zoom) is different than the HTML-based Web content for the Web page, the resulting page layout, functionality, and design (after rendering the converted HTML content) would not be as defined by the HTML-based Web content for the page. Accordingly, the page layout, functionality, and design cannot be preserved.

In view of the foregoing, it is clear that the rejection of claim 1 is improper and should be withdrawn. In addition the rejection of each of claims 2-5, 7-9, 11, and 15-18, which depend either directly or indirectly from claim 1, is likewise improper and should be withdrawn for at least the same reasons supporting the patentability of claim 1 argued herein.

The Examiner further states that *Orbanes* and *Arora* disclose claim 8. Office Action, pp. 21-22. As discussed above, the columns and rows on a display fail to discuss or render obvious a column of content on a Web page, as would be understood by a PHOSITA in view of the present application's specification and drawings. Figure 3A shows a mouse 342 on a simulated mouse pad 340, and corresponds to zooming in on ([0053] FIG. 1A shows a screenshot of) a visual programming system user interface 100. What is shown is not a Web page, nor does the foregoing say anything about tapping on a column (of a Web page) to effect a zoom operation, nor does Figure 3A depict a display that " is re-rendered such that the column is displayed to fit a width of a display area of the touch-sensitive display, the display area used for displaying the HTML-based Web content." Accordingly, the rejection of claim 8 is further improper and should be withdrawn.

The Examiner goes on to state that *Orbanes* and *Arora* disclose claim 9. Office Action, pp. 23-24. Figure 3A shows a mouse 342 on a simulated mouse pad 340, and corresponds to zooming in on ([0053] FIG. 1A shows a screenshot of) a visual programming system user interface 100. What is shown is not a Web page, nor does the foregoing say anything about tapping on an image of a Web page to effect a zoom operation, nor does Figure 3A depict a display that "is re-rendered such that the image is displayed to fit a width of a display area of the touch-sensitive display, the display area used for displaying the HTML-based Web content." Accordingly, the rejection of claim 9 is further improper and should be withdrawn.

The Examiner further states that *Orbanes* and *Arora* disclose claim 17. Office Action, p. 27. The leaf nodes are not frames. Rather, a frame, as would be recognized by a PHOSITA, contains HTML code within the frame tags <frame> or <iframe>. For example, one type of frame enables a Web page to display another Web page as an embedded object. Accordingly, the rejection of claim 17 is further improper and should be withdrawn.

The Examiner further asserts that *Orbanes* and *Arora* disclose claim 18 including the use and interpretation of Cascading Style Sheets (CSS) content. Office Action, pp. 28-30. CSS has a specific meaning, as would be recognized by a PHOSITA. Something "conceptually similar" to CSS doesn't teach or fairly suggest the use or interpretation of CSS, an explicit claim element having a well-known meaning within the art, nor how a PHOSITA could implement the templates of *Orbanes* to obtain the claimed invention. The claim explicitly recites the HTML-based Web content to include CSS content defining at least one of the original page layout and design of the Web page, and that the commercial desktop browser interprets the CSS content. This is clearly not taught or fairly suggested by *Orbanes*. Accordingly, the rejection of claim 18 is further improper and should be withdrawn.

For reasons similar to those in support of the patentability of claims 1-5, 7-9, 11, and 16-18, Applicant respectfully asserts that the rejection of independent claim 21 and its dependents (claims 22-24 and 25-32) are improper and should be withdrawn. Accordingly, Applicant submits that a *prima facie* showing of obviousness has not been set forth and respectfully requests reconsideration and withdrawal of this basis of rejection and allowance of the claims.

CONCLUSION

Applicant asserts that the above remarks, which distinguish the claims over the cited references, pertained only to noted claim element portions. These remarks are believed to be sufficient to overcome the prior art cited in this Office Action (or any previous office action(s)) (hereinafter "Office Action(s)")). While many other claim element distinctions over prior art and reasons to overcome the recited bases for rejection were not discussed, as they have been rendered moot based on the above amendments and remarks, Applicant reserves the right to assert that all such remaining arguments and distinctions over the prior art, and Applicant reserves the opportunity to more particularly traverse, remark or distinguish any remaining claim elements and bases for rejection at a later time. Further, any remarks that were made in response to the Office Action's objection or rejection as to any one claim element, and which may have been re-asserted as applying to other Office Actions, objections or rejections as to any other claim elements, are not meant to imply that there is commonality about the structure, functionality, means, operation, or scope of any of the claim elements, and no such commonality is admitted as a consequence of any such re-assertions and restatement of remarks. Consequently, the references cited by the Office Action do not result in the claimed invention, there was/is no motivation, basis or rationale for such a combination of references (i.e., cited references do not teach, read on, suggest, or result in the claimed invention), and the cited references are not admitted

to be prior art to the claimed invention. Also, Applicant does not accept, admit, or concede to any assertions, (mis)characterizations (e.g., of claims, references, or otherwise) and/or Official Notice(s) in the Office Action. As such, Applicant does not concede that any claim element has been anticipated or rendered obvious by any of the cited references and/or any Official Notice in the Office Action. Thus, the Applicant respectfully submits that the supporting remarks and claimed inventions, claims 1-5, 7-9, 11, 16-18, 21-24, and 26-32, overcome all rejections and objections noted in the Office Action. These claims are patentably distinct from the cited references, and are in a condition for allowance. Accordingly, Applicant respectfully requests reconsideration and withdrawal of the rejections and objections, and allowance of all pending claims.

Authorization

Applicant hereby authorizes and requests that the Commissioner charge any additional fees that may be required for consideration of this and/or any accompanying and/or necessary papers to Deposit Account No. 09-0946, Order No. 161539-P001XC3C. In the event that an extension of time is required (or which may be required in addition to that requested in a petition for an extension of time), Applicant requests that the Commissioner grant a petition for an extension of time required to make this response timely, and, Applicant hereby authorizes and requests that the Commissioner charge any fee or credit any overpayment for such an extension of time to Deposit Account No. 09-0946, Order No. 161539-P001XC3C. In the event that a telephone conference would facilitate examination of the application in any way, Applicant invites the Examiner to contact the undersigned at the number provided.

Respectfully submitted,
Attorney(s) for Applicant,
IRELL & MANELLA LLP

Dated: January 19, 2016

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AMENDMENTS TO THE CLAIMS

Please cancel claim 15.

1. (Previously Presented) A method, comprising:

requesting through a mobile device having a touch-sensitive display a Web page comprising HTML-based Web content defining an original page layout, functionality, and design for viewing on a commercially available desktop browser, said HTML-based Web content including HTML code for at least one form and multiple columns;

retrieving and processing at the mobile device the HTML-based Web content including the HTML code for the at least one form and the multiple columns to generate a scalable vector representation of the Web page;

rendering the Web page on the touch-sensitive display utilizing the scalable vector representation to produce a first view of the Web page at a first zoom level that preserves the original page layout, functionality and design defined by the HTML-based Web content including the at least one form and the multiple columns relative to the original page layout, functionality and design defined by the HTML-based Web content including the at least one form and the multiple columns when rendered by the commercially available desktop browser; and

re-rendering the Web page utilizing the scalable vector representation in response to associated user inputs to iteratively zoom in and out views of the Web page at multiple different zoom levels while preserving the original page layout, functionality, and design defined by the HTML-based Web content including the at least one form and the multiple columns relative to the original page layout, functionality and design defined by the HTML-based Web content including the at least one form and the multiple columns when rendered by the commercially available desktop browser.

2. (Original) The method of claim 1, wherein the mobile device comprises a mobile phone.

3. (Original) The method of claim 1, further comprising enabling a user to zoom in on a user-selectable portion of a display of the Web page in response to a user interface input made via the touch-sensitive display.

4. (Original) The method of claim 1, wherein a display of the Web page is re-rendered in real-time to effect zooming operations.

5. (Previously Amended) The method of claim 1, wherein the Web page includes at least one hyperlink, the method further comprising:

enabling a user to select a hyperlink via the touch-sensitive display; and, in response thereto,

retrieving and processing HTML-based Web content associated with the hyperlink to translate the HTML-based Web content associated with the hyperlink into an additional scalable vector representation; and

employing the additional scalable vector representation and/or data derived therefrom to render the Web content associated with the hyperlink on the touch-sensitive display.

6. (Canceled)

7. (Original) The method of claim 1, further comprising enabling a user to pan views of the Web page in real-time in response to corresponding user inputs made via the touch-sensitive display.

8. (Previously Amended) The method of claim 1, further comprising enabling a user to zoom in on a first of the multiple columns by tapping on the first column via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that the first column is displayed to fit a width of a display area of the touch-sensitive display, the display area used for displaying Web page content.

9. (Previously Amended) The method of claim 1, wherein the HTML-based Web content includes at least one image, the method further comprising enabling a user to zoom on an image by tapping on the image via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that the image is displayed to fit a width of a display area of the touch-sensitive display, the display area used for displaying the HTML-based Web content.

10. (Canceled)

11. (Previously Amended) The method of claim 1, wherein HTML code in the HTML-based Web content of the Web page defines a Web page width, the method further comprising:

interpreting the HTML code to determine the Web page width; and

rendering a view of the Web page wherein the Web page width is rendered to fit across a width of a display area of the touch-sensitive display, the display area used for displaying Web page content.

12 - 15. (Canceled).

16. (Previously Amended) The method of claim 1, wherein the HTML-based Web content further includes HTML code defining the layout for at least one table.

17. (Previously Presented) The method of claim 1, wherein the HTML-based Web content further includes HTML code for two or more frames.

18. (Previously Amended) The method of claim 1, wherein the HTML-based Web content further comprises Cascading Style Sheets (CSS) content defining at least one of the original page layout and design of the Web page, and wherein the commercially available desktop browser is configured to interpret CSS content.

19. (Canceled).

20. (Canceled).

21. (Previously Presented) A method, comprising:

requesting through a mobile device having a touch-sensitive display a Web page comprising HTML-based Web content including HTML code for at least one form and multiple columns;

retrieving and processing the HTML-based Web content including the HTML code for the at least one form and the multiple columns at the mobile device to generate a scalable vector representation of the Web page;

rendering the Web page on the touch-sensitive display utilizing the scalable vector representation to produce a first view of the Web page including the at least one form and the multiple columns at a first zoom level; and

in response to a tap on a first of the multiple columns via the touch-sensitive display, re-rendering the Web page on the touch-sensitive display such that the first of the multiple columns is displayed to fit a width of a display area of the touch-sensitive display, the display area used for displaying the HTML-based Web content.

22. (Previously Presented) The method of claim 21, wherein the mobile device comprises a mobile phone.

23. (Previously Presented) The method of claim 21, further comprising enabling a user to zoom in on a user-selectable portion of a display of the Web page in response to a user interface input made via the touch-sensitive display.

24. (Previously Amended) The method of claim 21, wherein the Web page includes at least one hyperlink, the method further comprising:

enabling a user to select a hyperlink via the touch-sensitive display; and, in response thereto,

retrieving and processing HTML-based Web content associated with the hyperlink to translate the HTML-based Web content into an additional scalable vector representation; and

employing the additional scalable vector representation and/or data derived therefrom to render the HTML-based Web content associated with the hyperlink on the touch-sensitive display.

25. (Canceled).

26. (Previously Amended) The method of claim 21, wherein the HTML-based Web content includes at least one image, the method further comprising enabling a user to zoom on an image by tapping on the image via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that the image is displayed to fit the width of the display area of the touch-sensitive display, the display area used for displaying the HTML-based Web content.

27. (Previously Presented) The method of claim 21, wherein the HTML-based Web content further includes HTML code for at least one table.

28. (Previously Presented) The method of claim 21, wherein the HTML-based Web content further includes HTML code for two or more frames.

29. (Previously Presented) The method of claim 21, wherein processing the HTML-based Web content comprises:

parsing HTML-based code corresponding to the Web page to determine an original page layout of the HTML-based Web content on the Web page;

logically grouping selected content into objects;

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; and

generating a vector from the primary datum to the object datum for the object.

30. (Previously Presented) The method of claim 1, wherein said multiple different zoom levels include at least one non-predefined zoom level.

31. (Previously Presented) The method of claim 1, wherein the Web page includes at least one paragraph, the method further comprising enabling a user to zoom on the at least one paragraph by tapping on the at least one paragraph via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that the at least one paragraph is displayed to fit a width of a display area of the touch-sensitive display, the display area used for displaying the HTML-based Web content.

32. (Previously Presented) The method of claim 11, wherein under the first view the Web page width is rendered to fit across the width of the display area of the touch-sensitive display, the display area used for displaying the HTML-based Web content.

Electronic Acknowledgement Receipt	
EFS ID:	24662954
Application Number:	12941106
International Application Number:	
Confirmation Number:	9016
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE 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-P001XC3C
Receipt Date:	19-JAN-2016
Filing Date:	08-NOV-2010
Time Stamp:	20:06:32
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$1550
RAM confirmation Number	7619
Deposit Account	090946
Authorized User	LANGWORTHY, SUSAN
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 CFR 1.16 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 CFR 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 CFR 1.19 (Document supply fees)

Charge any Additional Fees required under 37 CFR 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	Amendment Submitted/Entered with Filing of CPA/RCE	12941106_FOAR.pdf	750146 d32e37189ca4faa72dd92ba5be6b8291099078a2	no	28
Warnings:					
Information:					
2	Request for Continued Examination (RCE)	12941106_RCE.pdf	195201 0322b58b1545d93ce9956a2fb8cf41c8758ee861	no	3
Warnings:					
This is not a USPTO supplied RCE SB30 form.					
Information:					
3	Information Disclosure Statement (IDS) Form (SB08)	12941106_IDS.pdf	206246 bb7f868963b3cca5875ae7198bd6a29d26713f8d	no	2
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
4	Extension of Time	12941106_ExtensionOfTime.pdf	159023 3287d6971188c8deeaea7799c596302fb5f99712	no	2
Warnings:					
Information:					
5	Fee Worksheet (SB06)	fee-info.pdf	32860 ac2f123329f7d01698aae7f885cfb20c5d1fb77f	no	2
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		Total Files Size (in bytes):	1343476		

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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/30 (07-09)
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Request for Continued Examination (RCE) Transmittal

Address to:
Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Application Number	12941106
Filing Date	November 8, 2010
First Named Inventor	Gary B. Rohrabaugh
Art Unit	2177
Examiner Name	Tran, Quoc A.
Attorney Docket Number	161539-P001XC3C

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. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. 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).

   a. ☐ 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.

      i. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

      ii. ☐ Other _____

   b. ☑ Enclosed

      i. ☑ Amendment/Reply

      ii. ☐ Affidavit(s)/ Declaration(s)

      iii. ☑ Information Disclosure Statement (IDS)

      iv. ☐ Other _____

2. Miscellaneous

   a. ☐ 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)

   b. ☐ Other _____

3. Fees The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

   a. ☑ The Director is hereby authorized to charge the following fees, any underpayment of fees, or credit any overpayments, to Deposit Account No. 09-0946.

      i. ☑ RCE fee required under 37 CFR 1.17(e)

      ii. ☑ Extension of time fee (37 CFR 1.136 and 1.17)

      iii. ☐ Other _____

   b. ☐ Check in the amount of $ _____ enclosed

   c. ☐ Payment by credit card (Form PTO-2038 enclosed)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Signature	/s/ Babak Redjaian	Date	January 19, 2016
Name (Print/Type)	Babak Redjaian	Registration No.	42,096

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Signature			
Name (Print/Type)		Date	

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. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop RCE, 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/30 (07-09)
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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.

Instruction Sheet for RCEs

(not to be submitted to the USPTO)

NOTES:

An RCE is not a new application, and filing an RCE will not result in an application being accorded a new filing date.

Filing Qualifications:

The application must be a utility or plant application filed on or after June 8, 1995. The application cannot be a provisional application, a utility or plant application filed before June 8, 1995, a design application, or a patent under reexamination. See 37 CFR 1.114(e).

Filing Requirements:

Prosecution in the application must be closed. Prosecution is closed if the application is under appeal, or the last Office action is a final action, a notice of allowance, or an action that otherwise closes prosecution in the application (e.g., an Office action under *Ex parte Quayle*). See 37 CFR 1.114(b).

A submission and a fee are required at the time the RCE is filed. If reply to an Office action under 35 U.S.C. 132 is outstanding (e.g., the application is under final rejection), the submission must meet the reply requirements of 37 CFR 1.111. If there is no outstanding Office action, the submission can be an information disclosure statement, an amendment, new arguments, or new evidence. See 37 CFR 1.114(c). The submission may be a previously filed amendment (e.g., an amendment after final rejection).

WARNINGS:

Request for Suspension of Action:

All RCE filing requirements must be met before suspension of action is granted. A request for a suspension of action under 37 CFR 1.103(c) does not satisfy the submission requirement and does not permit the filing of the required submission to be suspended.

Improper RCE will NOT toll Any Time Period:

Before Appeal - If the RCE is improper (e.g., prosecution in the application is not closed or the submission or fee has not been filed) and the application is not under appeal, the time period set forth in the last Office action will continue to run and the application will be abandoned after the statutory time period has expired if a reply to the Office action is not timely filed. No additional time will be given to correct the improper RCE.

Under Appeal - If the RCE is improper (e.g., the submission or the fee has not been filed) and the application is under appeal, the improper RCE is effective to withdraw the appeal. Withdrawal of the appeal results in the allowance or abandonment of the application depending on the status of the claims. If there are no allowed claims, the application is abandoned. If there is at least one allowed claim, the application will be passed to issue on the allowed claim(s). See MPEP 1215.01.

See MPEP 706.07(h) for further information on the RCE practice.

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 (07-09)
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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	12/941,106
Filing Date	November 8, 2010
First Named Inventor	Gary B. Rohrabaugh
Art Unit	2177
Examiner Name	Tran, Quoc A.
Attorney Docket Number	161539-P001XC3C

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 5966135 A	10-12-1999	Roy et al.	
		US- 6593944 B1	07-15-2003	Nicolas et al.	
		US- 7181438 B1	02-20-2007	Szabo	
		US- 7219309 B2	05-15-2007	Kaasila et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T[6]

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] See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

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 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.

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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.

PTO/SB/22 (03-13)
Approved for use through 3/31/2013. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)

Docket Number (Optional): 161539-P001XC3C

Application Number: 12/941,106

Filed: November 8, 2010

For: SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES

Art Unit: 2177

Examiner: Tran, Quoc A.

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above-identified application.

The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):

	Fee	Small Entity Fee	Micro Entity Fee	
☐ One month (37 CFR 1.17(a)(1))	$200	$100	$50	$
☐ Two months (37 CFR 1.17(a)(2))	$600	$300	$150	$
☑ Three months (37 CFR 1.17(a)(3))	$1,400	$700	$350	$ 700
☐ Four months (37 CFR 1.17(a)(4))	$2,200	$1,100	$550	$
☐ Five months (37 CFR 1.17(a)(5))	$3,000	$1,500	$750	$

☑ Applicant asserts small entity status. See 37 CFR 1.27.

☐ Applicant certifies micro entity status. See 37 CFR 1.29.
Form PTO/SB/15A or B or equivalent must either be enclosed or have been submitted previously.

☐ A check in the amount of the fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☐ The Director has already been authorized to charge fees in this application to a Deposit Account.

☑ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 09-0946.

☑ Payment made via EFS-Web.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

I am the

☐ applicant/inventor.

☐ assignee of record of the entire interest. See 37 CFR 3.71. 37 CFR 3.73(b) statement is enclosed (Form PTO/SB/96).

☑ attorney or agent of record. Registration number 42,096.

☐ attorney or agent acting under 37 CFR 1.34. Registration number _____.

/s/ Babak Redjaian — Signature

January 19, 2016 — Date

Babak Redjaian — Typed or printed name

949-760-0991 — Telephone Number

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.

☑ * Total of 4 forms are submitted.

This collection of information is required by 37 CFR 1.136(a). 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 6 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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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:	12941106
Filing Date:	08-Nov-2010
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Filer:	Babak Redjaian/Kamran Vakili
Attorney Docket Number:	161539-P001XC3C

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

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($)
Extension - 3 months with $0 paid	2253	1	700	700
Miscellaneous:				
RCE- 2nd and Subsequent Request	2820	1	850	850
		Total in USD ($)		**1550**

In the United States Patent and Trademark Office

Serial No.:	12/941,106	**Docket No.:**			161539-P001XC3C
Filed:	November 8, 2010	**Conf.No.:**	9016	**Art Unit:**	2177
Applicant(s):	Gary B. Rohrbaugh, Et Al.	**Examiner:**			Tran, Quoc A.
For:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES				

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

AMENDMENT/RESPONSE ACCOMPANYING RCE, 37 CFR § 1.114

Sir:

Further to the Final Office Action dated July 23, 2015 (hereinafter "Office Action"), in view of the following amendments and/or remarks, the Applicant, by and through his duly appointed counsel, requests entry thereof and reconsideration of the above-referenced application in view of the following.

Amendments to the Claims are reflected in the listing of claims beginning on page 2 of this Amendment/Response.

Remarks begin on page 9 of this Amendment and Response.

CERTIFICATE OF FILING VIA EFS-WEB

I hereby certtify that this paper (along with any referred to as being attached or enclosed) is being transmitted via electronic filing (EFS-WEB) on January 19, 2016.

/s/ Susan Langworthy

6238150

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 12/941,106	Filing Date 11/08/2010	☐ To be Mailed

ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	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 $310 ($155 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	

APPLICATION AS AMENDED – PART II

AMENDMENT **01/19/2016**

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	* 23	Minus	** 23	= 0	X $40 =	0
Independent (37 CFR 1.16(h))	* 2	Minus	***3	= 0	X $210 =	0
☐ Application Size Fee (37 CFR 1.16(s))						
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
					TOTAL ADD'L FEE	0

AMENDMENT

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

LIE
/CAROL BARNES/

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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PLUS Search Results for S/N 12941106, Searched Wed Mar 23 07:30:25 EDT 2016

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

7487444 77
20090013245 77
20150066895 77
7461353 75
7533406 75
7721303 75
7831926 75
7844889 75
8145995 75
8341529 75
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NOTICE OF ALLOWANCE AND FEE(S) DUE

29000 7590 10/13/2016

IRELL & MANELLA LLP
840 NEWPORT CENTER DR.
SUITE 400
NEWPORT BEACH, CA 92660

EXAMINER
TRAN, QUOC A

ART UNIT	PAPER NUMBER
2177	

DATE MAILED: 10/13/2016

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/941,106	11/08/2010	Gary B. Rohrabaugh	161539-P001XC3C	9016

TITLE OF INVENTION: SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$480	$0	$0	$480	01/13/2017

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 10/13/2016

IRELL & MANELLA LLP
840 NEWPORT CENTER DR.
SUITE 400
NEWPORT BEACH, CA 92660

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.
12/941,106	11/08/2010	Gary B. Rohrabaugh	161539-P001XC3C	9016

TITLE OF INVENTION: SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$480	$0	$0	$480	01/13/2017

EXAMINER	ART UNIT	CLASS-SUBCLASS
TRAN, QUOC A	2177	715-517000

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 credits 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 forms 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: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

PTOL-85 Part B (10-13) Approved for use through 10/31/2013. OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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.
12/941,106	11/08/2010	Gary B. Rohrabaugh	161539-P001XC3C	9016

29000 7590 10/13/2016

IRELL & MANELLA LLP
840 NEWPORT CENTER DR.
SUITE 400
NEWPORT BEACH, CA 92660

EXAMINER	
TRAN, QUOC A	

ART UNIT	PAPER NUMBER
2177	

DATE MAILED: 10/13/2016

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

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.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B 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.

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. 12/941,106	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 *See Continuation Sheet*.

   ☐ 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 *1-9, 11, 32, 16-17, 31, 21-24 and 26-30 (Renumbering as 1-22 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 01/19/216
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
4. ☒ Interview Summary (PTO-413), Paper No./Mail Date *03/28/2016*.
5. ☒ Examiner's Amendment/Comment
6. ☐ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/QUOC A TRAN/
Primary Examiner, Art Unit 2177

Continuation of Item 1. This communication is responsive to : Applicant's rce, amendments and remarks filed 01/19/2016, in light of telephone interview on 03/28/2016.

DETAILED ACTION

The present application is being examined under the pre-AIA first to invent provisions. In response to Applicant's rce, amendments and remarks filed 01/19/2016, in light of telephone interview on 03/28/2016.

It is noted the current application is a continuation of 11/738,486, filed 04/21/2007, now U.S. Patent #7831926, 11/738,486 is a continuation of 09/878,097, filed 06/08/2001, now U.S. Patent #7210099 and having 1 RCE-type filing therein 09/878,097 is a continuation in part of 09/828,511, filed 04/07/2001,now abandoned; 09/878,097 Claims Priority from Provisional Application 60/217,345, filed ***07/11/2000***; 09/87,8097 Claims Priority from Provisional Application 60/211,019, filed ***06/12/2000*** is a division of 09/878,097, filed 06/08/2001,now U.S. Patent #7210099 and having 1 RCE-type filing therein is a division of 11/045,649, filed 01/28/2005 ,now U.S. Patent #7584423 and having 1 RCE-type filing therein is a division of 11/045,757, filed 01/28/2005,now U.S. Patent #7461353.

Examiner acknowledges the "***Terminal Disclaimer***" filed 10/09/2012 and approved 10/17/2012. In addition, nonstatutory double patenting rejection which was previously presented in the Office Action dated 07/23/2015, is here by withdrawn in light of the current amendments in this paper.

In addition, the 35 U.S.C. 112 (pre-AIA), first paragraph and Second paragraph rejections is hereby withdrawn in light of the amendments filed with the rce dated 01/19/2016 [see amended claim 15 for details] and the current armament in this paper [see currently amended claim 30 for details].

Claims **1-5, 7-9, 11, 16-17, 21-24 and 26-32 are pending**. Claims 1 and 21 are independent claims. Claims **1, 5, 8, 16, 21 and 30 have been amended**. Claims 2-4 and 7 were original. Claims 9, 11, 17, 22-24, 26-29 and 31-32 were previously presented. Claims 6, 10, 12-15, 18-20 and 25 are cancelled.

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.

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 01/19/2016 has been entered.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. 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.

Authorization for this examiner's amendment was given in a telephone interview with Bob Redjaian at IRELL & MANELLA LLP, on 03/28/2016.

The application has been amended as follows:

1. (Currently Amended) A method, comprising:

requesting through a mobile device having a touch-sensitive display a Web page comprising HTML-based Web content defining an original page layout, functionality, and design for viewing on a commercially available desktop browser, said HTML-based Web content including HTML code for at least one form and multiple columns and Cascading Style Sheets (CSS) content;

retrieving and processing at the mobile device the HTML-based Web content including the HTML code for the at least one form and the multiple columns and the CSS content to generate a scalable vector representation of the Web page;

rendering the Web page on the touch-sensitive display utilizing the scalable vector representation to produce a first view of the Web page at a first zoom level that preserves the original page layout, functionality and design defined by the HTML-based Web content including the at least one form and the multiple columns and the CSS content relative to the

original page layout, functionality and design defined by the HTML-based Web content including the at least one form and the multiple columns and the CSS content when rendered by the commercially available desktop browser; and

re-rendering the Web page utilizing the scalable vector representation in response to associated user inputs to iteratively zoom in and out views of the Web page at multiple different zoom levels while preserving the original page layout, functionality, and design defined by the HTML-based Web content including the at least one form and the multiple columns and the CSS content relative to the original page layout, functionality and design defined by the HTML-based Web content including the at least one form and the multiple columns and the CSS content when rendered by the commercially available desktop browser.

2. (Original) The method of claim 1, wherein the mobile device comprises a mobile phone.

3. (Original) The method of claim 1, further comprising enabling a user to zoom in on a user-selectable portion of a display of the Web page in response to a user interface input made via the touch-sensitive display.

4. (Original) The method of claim 1, wherein a display of the Web page is re-rendered in real-time to effect zooming operations.

5. (Currently Amended) The method of claim 1, wherein the Web page includes at least one hyperlink, the method further comprising:

enabling a user to select a hyperlink via the touch-sensitive display; and, in response thereto,

retrieving and processing HTML-based Web content and the CSS content associated with the hyperlink to translate the HTML-based Web content and the CSS content associated with the hyperlink into an additional scalable vector representation; and

employing the additional scalable vector representation and/or data derived therefrom to render the Web content and the CSS content associated with the hyperlink on the touch-sensitive display.

6. (Canceled)

7. (Original) The method of claim 1, further comprising enabling a user to pan views of the Web page in real-time in response to corresponding user inputs made via the touch-sensitive display.

8. (Currently Amended) The method of claim 1, further comprising enabling a user to zoom in on a first of the multiple columns by tapping on the first column via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that the first column is displayed to fit a width of a display area of the touch-sensitive display, the display area used for displaying Web page content and the CSS content.

9. (Previously Amended) The method of claim 1, wherein the HTML-based Web content includes at least one image, the method further comprising enabling a user to zoom on an image by tapping on the image via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that the image is displayed to fit a width of a display area of the touch-sensitive display, the display area used for displaying the HTML-based Web content.

10. (Canceled)

11. (Previously Amended) The method of claim 1, wherein HTML code in the HTML-based Web content of the Web page defines a Web page width, the method further comprising:

interpreting the HTML code to determine the Web page width; and

rendering a view of the Web page wherein the Web page width is rendered to fit across a width of a display area of the touch-sensitive display, the display area used for displaying Web page content.

12 - 15. (Canceled).

16. (Previously Amended) The method of claim 1, wherein the HTML-based Web content further includes HTML code defining the layout for at least one table.

17. (Previously Presented) The method of claim 1, wherein the HTML-based Web content further includes HTML code for two or more frames.

18. (Canceled)

19. (Canceled).

20. (Canceled).

21. (Currently Amended) A method, comprising:

requesting through a mobile device having a touch-sensitive display a Web page comprising HTML-based Web content including HTML code for at least ~~one form and~~ multiple columns and Cascading Style Sheets (CSS) content;

retrieving and processing the HTML-based Web content including the HTML code for the at least [[one form and the]] multiple columns and the CSS content at the mobile device to generate a scalable vector representation of the Web page;

rendering the Web page on the touch-sensitive display utilizing the scalable vector representation to produce a first view of the Web page at a first zoom level that preserves the original page layout, functionality and design defined by the HTML-based Web content including the at least multiple columns and the CSS content relative to the original page layout, functionality and design defined by the HTML-based Web content including the at

least multiple columns and the CSS content when rendered by a commercially available desktop browser ~~including the at least one form and the multiple columns at a first zoom level~~; and

re-rendering the Web page utilizing the scalable vector representation in response to associated user inputs to iteratively zoom in and out views of the Web page at multiple different zoom levels while preserving the original page layout, functionality, and design defined by the HTML-based Web content including the multiple columns and the CSS content relative to the original page layout, functionality and design defined by the HTML-based Web content including the at least multiple columns and the CSS content when rendered by the commercially available desktop browser; and

in response to a tap on a first of the multiple columns via the touch-sensitive display, re-rendering the Web page on the touch-sensitive display such that the first of the multiple columns is displayed to fit a width of a display area of the touch-sensitive display, the display area used for displaying the HTML-based Web content.

22. (Previously Presented) The method of claim 21, wherein the mobile device comprises a mobile phone.

23. (Previously Presented) The method of claim 21, further comprising enabling a user to zoom in on a user-selectable portion of a display of the Web page in response to a user interface input made via the touch-sensitive display.

24. (Previously Amended) The method of claim 21, wherein the Web page includes at least one hyperlink, the method further comprising:

enabling a user to select a hyperlink via the touch-sensitive display; and, in response thereto,

retrieving and processing HTML-based Web content associated with the hyperlink to translate the HTML-based Web content into an additional scalable vector representation; and

employing the additional scalable vector representation and/or data derived therefrom to render the HTML-based Web content associated with the hyperlink on the touch-sensitive display.

25. (Canceled).

26. (Previously Amended) The method of claim 21, wherein the HTML-based Web content includes at least one image, the method further comprising enabling a user to zoom on an image by tapping on the image via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that the image is displayed to fit the width of the display area of the touch-sensitive display, the display area used for displaying the HTML-based Web content.

27. (Previously Presented) The method of claim 21, wherein the HTML-based Web content further includes HTML code for at least one table.

28. (Previously Presented) The method of claim 21, wherein the HTML-based Web content further includes HTML code for two or more frames.

29. (Previously Presented) The method of claim 21, wherein processing the HTML-based Web content comprises:

parsing HTML-based code corresponding to the Web page to determine an original page layout of the HTML-based Web content on the Web page;

logically grouping selected content into objects;

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; and

generating a vector from the primary datum to the object datum for the object.

30. (Currently Amended) ~~The method of claim 1, wherein said multiple different zoom levels include at least one non-predefined zoom level.~~ The method of claim 21, wherein the HTML-based Web content further includes HTML code for at least one form.

31. (Previously Presented) The method of claim 1, wherein the Web page includes at least one paragraph, the method further comprising enabling a user to zoom on the at least one paragraph by tapping on the at least one paragraph via the touch-sensitive display, wherein in response thereto, the display is re-rendered such that the at least one paragraph

is displayed to fit a width of a display area of the touch-sensitive display, the display area used for displaying the HTML-based Web content.

32. (Previously Presented) The method of claim 11, wherein under the first view the Web page width is rendered to fit across the width of the display area of the touch-sensitive display, the display area used for displaying the HTML-based Web content.

Examiner Comment

Claims 1-5, 7-9, 11, 16-17, 21-24 and 26-32 allow.

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/
Primary Examiner, Art Unit 2177

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	49	(US-20090013245-$ or US-20150066895-$ or US-20040255233-$ or US-20070250783-$ or US-20090119580-$ or US-20100218084-$ or US-20110231746-$ or US-20110231782-$ or US-20110258535-$ or US-20120197971-$ or US-20120215755-$ or US-20090138449-$ or US-20040014013-$ or US-20120150899-$).did. or (US-7487444-$ or US-7461353-$ or US-7533406-$ or US-7721303-$ or US-7831926-$ or US-7844889-$ or US-8145995-$ or US-8341529-$ or US-8386959-$ or US-7505977-$ or US-7882108-$ or US-7437663-$ or US-8291313-$ or US-8527909-$ or US-9223770-$ or US-5845299-$ or US-5956484-$ or US-6035323-$ or US-6101530-$ or US-6161126-$ or US-6249844-$ or US-6266684-$ or US-6311197-$ or US-6363376-$ or US-6393468-$ or US-6675385-$).did. or (US-6859819-$ or US-6864904-$ or US-6957383-$ or US-6981213-$ or US-6988240-$ or US-6993662-$ or US-RE39184-$ or US-7085999-$ or US-7100069-$).did.	US-PGPUB; USPAT	OR	OFF	2016/03/28 18:54
L2	1	12/941,106	USPAT	OR	OFF	2016/03/28 18:54
L3	0	"20110231746".pn.	USPAT	OR	OFF	2016/03/28 18:54
L4	2	"20110231746".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L5	4067	"20070288841" "7831926" "20090119580" "20110231782" "20080028335" "8386959" "7461353" "20070288855" "20070198917" "20070198916" "7844889" "20050131887" "7210099" "20050132286" "20020091738" "7823083" "8145995" "7584423" "20060048051" "20020112082" "7343555" "20120194519" "20090234962" "8001257" "7539766" "7688327" "20070263007" "7216177" "20060235941" "9158745" "8495242" "8656046" "20090089422" "8381110"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54

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L6	43	((Sharp same Zaurus) same PDA)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54

L7	15756	715/800-825.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L8	3678566	(pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L9	23	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L10	1032	(vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & row & (XML HTMl (web near L4 (page document))) & (browser same (render$4 rerender$3 digest$3 redigest$3 author$3 reauthor$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L11	20	L9 & L10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L12	20	L9 & L10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L13	5	L12 & ((various plurality many different (in near4 out) toggl$3) near4 (zoom$3 enlarg$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L14	5	L13 & (CSS (cascad$3 near4 style near4 sheet))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L15	0	"008386959".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	OFF	2016/03/28 18:54

			DERWENT; IBM_TDB			
L16	2	"8386959".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L17	1	L16 & (vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & row & (XML HTMl (web near L4 (page document))) & (browser same (render$4 rerender$3 digest$3 redigest$3 author$3 reauthor$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L18	0	L17 & ((various plurality many different (in near4 out) toggl$3) near4 (zoom$3 enlarg$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L19	49	(US-20090013245-$ or US-20150066895-$ or US-20040255233-$ or US-20070250783-$ or US-20090119580-$ or US-20100218084-$ or US-20110231746-$ or US-20110231782-$ or US-20110258535-$ or US-20120197971-$ or US-20120215755-$ or US-20090138449-$ or US-20040014013-$ or US-20120150899-$).did. or (US-7487444-$ or US-7461353-$ or US-7533406-$ or US-7721303-$ or US-7831926-$ or US-7844889-$ or US-8145995-$ or US-8341529-$ or US-8386959-$ or US-7505977-$ or US-7882108-$ or US-7437663-$ or US-8291313-$ or US-8527909-$ or US-9223770-$ or US-5845299-$ or US-5956484-$ or US-6035323-$ or US-6101530-$ or US-6161126-$ or US-6249844-$ or US-6266684-$ or US-6311197-$ or US-6363376-$ or US-6393468-$ or US-6675385-$).did. or (US-6859819-$ or US-6864904-$ or US-6957383-$ or US-6981213-$ or US-6988240-$ or US-6993662-$ or US-RE39184-$ or US-7085999-$ or US-7100069-$).did.	US-PGPUB; USPAT	OR	OFF	2016/03/28 18:54
L20	1	12/941,106	USPAT	OR	OFF	2016/03/28 18:54
L21	0	"20110231746".pn.	USPAT	OR	OFF	2016/03/28 18:54
L22	2	"20110231746".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54

L23	4067	"20070288841" "7831926" "20090119580" "20110231782" "20080028335" "8386959" "7461353" "20070288855" "20070198917" "20070198916" "7844889" "20050131887" "7210099" "20050132286" "20020091738" "7823083" "8145995" "7584423" "20060048051" "20020112082" "7343555" "20120194519" "20090234962" "8001257" "7539766" "7688327" "20070263007" "7216177" "20060235941" "9158745" "8495242" "8656046" "20090089422" "8381110" "20130138774" "20160036889" "20100153495" "6964009" "20060265476" "20020078093" "20090070485" "6792575" "7864186" "20100194753" RE45636 "6657647" "20150310126" "8169628" "7672002" "6457030" "6857102" "8648858" "20130219024" "6925595" "6449639" "6826593" "7243122" "20050065999" "20090164620" "6874131" "20090144439" "20030110234" "7667862" "20020194302" "20020109729" "20040239681" "20060085529" "7242406" "20020015042" "6704024" "7143347" "20020199190" RE41440 "6353448" "20020091740" "7216149" "20100306696" "20120151408" "20130088569" "6243761" "6185625" "8700699" "20100228880" "20090144158" "20050080871" "8555324" "8156248" "20040133848" "20020033837" "20110191812" "20100281042" "6275829" "20050071758" "6421733" "7747782" "20060031404" "20020054090" "20100268773" "20040049598" "7174506" "20020133566" "6310601" "20050027820" "7533144" "6742043" "20100145924" "6226642" "20120246557" "20020089549" "8806326" "20010003823" "20020099785" "6615266" "8370420" "6785707" "20080077857" "20100180011" "6886013" "20130132820" "20030061386" "20100114923" "20040177323" "20070226314" "20080195698" "6880014" "20020123334" "20100306643" "20140310338" "20080301578" "6311197" "7346649" "20120143909" "20030061299" "7454526" "7536446" "20030033606" "20150169509" "6944665" "20120265802" "6163779" "20060031759" "20090150769" "20030061309" "8650480" "6700589" "6708309" "20020120779" "8769114" "20040049737" "6886034" "20050144256" "7010581" "9135341"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54

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L24	43	((Sharp same Zaurus) same PDA)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L25	15756	715/800-825.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L26	3678566	(pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L27	23	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L28	1032	(vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & row & (XML HTMl (web near L22 (page document))) & (browser same (render$4 rerender$3 digest$3 redigest$3 author$3 reauthor$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L29	20	L27 & L28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L30	20	L27 & L28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L31	5	L30 & ((various plurality many different (in near4 out) toggl$3) near4 (zoom$3 enlarg$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	OFF	2016/03/28 18:54

			DERWENT; IBM_TDB			
L32	5	L31 & (CSS (cascad$3 near4 style near4 sheet))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L33	0	"008386959".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L34	2	"8386959".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L35	1	L34 & (vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & row & (XML HTML (web near L22 (page document))) & (browser same (render$4 rerender$3 digest$3 redigest$3 author$3 reauthor$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L36	0	L35 & ((various plurality many different (in near4 out) toggl$3) near4 (zoom$3 enlarg$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L37	4067	"20070288841" "7831926" "20090119580" "20110231782" "20080028335" "8386959" "7461353" "20070288855" "20070198917" "20070198916" "7844889" "20050131887" "7210099" "20050132286" "20020091738" "7823083" "8145995" "7584423" "20060048051" "20020112082" "7343555" "20120194519" "20090234962" "8001257" "7539766" "7688327" "20070263007" "7216177" "20060235941" "9158745" "8495242" "8656046" "20090089422" "8381110" "20130138774" "20160036889" "20100153495" "6964009" "20060265476" "20020078093" "20090070485" "6792575" "7864186" "20100194753" RE45636 "6657647" "20150310126" "8169628" "7672002" "6457030" "6857102" "8648858" "20130219024" "6925595" "6449639" "6826593" "7243122" "20050065999" "20090164620" "6874131" "20090144439" "20030110234"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54

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L38	43	((Sharp same Zaurus) same PDA)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L39	15756	715/800-825.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L40	3678566	(pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR;	OR	OFF	2016/03/28 18:54

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
L41	23	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L42	1032	(vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & row & (XML HTMl (web near L22 (page document))) & (browser same (render$4 rerender$3 digest$3 redigest$3 author$3 reauthor$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L43	366951	((various plurality many different (in near4 out) toggl$3) near4 (zoom$3 enlarg$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L44	1032	(vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & row & (XML HTMl (web near L22 (page document))) & (browser same (render$4 rerender$3 digest$3 redigest$3 author$3 reauthor$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L45	49	(US-20090013245-$ or US-20150066895-$ or US-20040255233-$ or US-20070250783-$ or US-20090119580-$ or US-20100218084-$ or US-20110231746-$ or US-20110231782-$ or US-20110258535-$ or US-20120197971-$ or US-20120215755-$ or US-20090138449-$ or US-20040014013-$ or US-20120150899-$).did. or (US-7487444-$ or US-7461353-$ or US-7533406-$ or US-7721303-$ or US-7831926-$ or US-7844889-$ or US-8145995-$ or US-8341529-$ or US-8386959-$ or US-7505977-$ or US-7882108-$ or US-7437663-$ or US-8291313-$ or US-8527909-$ or US-9223770-$ or US-5845299-$ or US-5956484-$ or US-6035323-$ or US-6101530-$ or US-6161126-$ or US-6249844-$ or US-6266684-$ or US-6311197-$ or US-6363376-$ or US-6393468-$ or US-6675385-$).did. or (US-6859819-$ or US-6864904-$ or US-6957383-$ or US-6981213-$ or US-6988240-$ or US-6993662-$ or US-RE39184-$ or US-7085999-$ or US-7100069-$).did.	US-PGPUB; USPAT	OR	OFF	2016/03/28 18:54
L46	1784364	L37 L38 L39 L40 L41 L42 L43 L44 L45	US-PGPUB; USPAT	OR	OFF	2016/03/28 18:54
L47	167	L46 & (browser near4 (desktop PC	US-PGPUB;	OR	OFF	2016/03/28

		computer client (work adj station)) same (browser near4 pda mobile blakbaeery (small near4 device) handheld portable tablet Droid)) & (vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & row & (XML HTMl (web near L22 (page document))) & (browser same (render$4 rerender$3 digest$3 redigest$3 author$3 reauthor$3))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			18:54
L48	16	L47 & ((various plurality many different (in near4 out) toggl$3) near4 (zoom$3 enlarg$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L49	0	L48 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L50	39	L47 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L51	38	L50 & ((various plurality many different (in near4 out) toggl$3) & (zoom$3 enlarg$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L52	24	L50 & ((various plurality many different (in near4 out) toggl$3) same (zoom$3 enlarg$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L53	16	(browser near4 (desktop PC computer client (work adj station)) same (browser near4 pda mobile blakbaeery (small near4 device) handheld portable tablet Droid)) & (vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & row & (XML HTMl (web near L22 (page document))) & (browser same (render$4 rerender$3 digest$3 redigest$3 author$3 reauthor$3)) & ((various plurality many different (in near4 out) toggl$3) same (zoom$3 enlarg$3 pan$4)) & ((various plurality many different (in near4 out) toggl$3) near4 (zoom$3 enlarg$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L54	0	L53 & (@pd or @ptad or @prad or @ad	US-PGPUB;	OR	OFF	2016/03/28

		or @rlad)<"20000612"	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			18:54
L55	54	L23 & (browser near4 (desktop PC computer client (work adj station)) same (browser near4 pda mobile blakbaeery (small near4 device) handheld portable tablet Droid)) & (vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & row & (XML HTMl (web near L22 (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L56	52	L23 & (browser near4 (desktop PC computer client (work adj station)) same (browser near4 pda mobile blakbaeery (small near4 device) handheld portable tablet Droid)) & (vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & row & (XML HTMl (web near (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
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L58	75	(L23 or L19) & (browser near4 (desktop PC computer client (work adj station)) same (browser near4 pda mobile blakbaeery (small near4 device) handheld portable tablet Droid)) & (vector SVG scalable) & (span$4 zoom$4 enlag$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
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L70	3	12/941,106	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/28 18:54
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L75	23	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
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L77	366951	((various plurality many different (in near4 out) toggl$3) near4 (zoom$3 enlarg$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
L78	1032	(vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & row & (XML HTMl (web near L71 (page document))) & (browser same (render$4 rerender$3 digest$3 redigest$3 author$3 reauthor$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
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L84	23	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/28 18:54
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EAST Search History

EAST Search History (Prior Art)

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L17	1	L16 & (vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & row & (XML HTMl (web near L4 (page document))) & (browser same (render$4 rerender$3 digest$3 redigest$3 author$3 reauthor$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/24 09:28
L18	0	L17 & ((various plurality many different (in near4 out) toggl$3) near4 (zoom$3 enlarg$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/24 09:28
L30	4063	"20070288841" "7831926" "20090119580" "20110231782" "20080028335" "8386959" "7461353" "20070288855" "20070198917" "20070198916" "7844889" "20050131887" "7210099" "20050132286" "20020091738" "7823083" "8145995" "7584423" "20060048051" "20020112082" "7343555" "20120194519" "20090234962" "8001257" "7539766" "7688327" "20070263007" "7216177" "20060235941" "9158745" "8495242" "8656046" "20090089422" "8381110" "20130138774" "20160036889" "20100153495" "6964009" "20060265476" "20020078093" "20090070485" "6792575" "7864186" "20100194753" RE45636 "6657647" "20150310126" "8169628" "7672002" "6457030" "6857102" "8648858" "20130219024" "6925595" "6449639" "6826593" "7243122" "20050065999" "20090164620" "6874131" "20090144439" "20030110234" "7667862" "20020194302" "20020109729" "20040239681" "20060085529" "7242406" "20020015042" "6704024" "7143347" "20020199190" RE41440 "6353448" "20020091740" "7216149" "20100306696" "20120151408" "20130088569" "6243761" "6185625" "8700699" "20100228880" "20090144158" "20050080871" "8555324" "8156248" "20040133848" "20020033837" "20110191812" "20100281042" "6275829" "20050071758" "6421733" "7747782" "20060031404" "20020054090"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/24 10:13

		"20100268773" "20040049598" "7174506" "20020133566" "6310601" "20050027820" "7533144" "6742043" "20100145924" "6226642" "20120246557" "20020089549" "8806326" "20010003823" "20020099785" "6615266" "8370420" "6785707" "20080077857" "20100180011" "6886013" "20130132820" "20030061386" "20100114923" "20040177323" "20070226314" "20080195698" "6880014" "20020123334" "20100306643" "20140310338" "20080301578" "6311197" "7346649" "20120143909" "20030061299" "7454526" "7536446" "20030033606" "20150169509" "6944665" "20120265802" "6163779" "20060031759" "20090150769" "20030061309" "8650480" "6700589" "6708309" "20020120779" "8769114" "20040049737" "6886034" "20050144256" "7010581" "9135341" "20150120821" "7082476" "20140115020" "7281260" "20030061317" "20070233898" "20040158584" "7613810" "20040003117" "7062547" "20150341459" "8166198" "20040205546" "8667387"				
L31	43	((Sharp same Zaurus) same PDA)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/24 10:13
L32	15748	715/800-825.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/24 10:13
L33	3661862	(pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/24 10:13
L34	23	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/24 10:13
L35	1032	(vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & row & (XML HTMl (web near L4	US-PGPUB; USPAT; USOCR;	OR	OFF	2016/03/24 10:13

		(page document))) & (browser same (render$4 rerender$3 digest$3 redigest$3 author$3 reauthor$3))	FPRS; EPO; JPO; DERWENT; IBM_TDB			
L36	365604	((various plurality many different (in near4 out) toggl$3) near4 (zoom$3 enlarg$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/24 10:13
L37	1032	(vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & row & (XML HTMl (web near L4 (page document))) & (browser same (render$4 rerender$3 digest$3 redigest$3 author$3 reauthor$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/24 10:13
L38	49	(US-20090013245-$ or US-20150066895-$ or US-20040255233-$ or US-20070250783-$ or US-20090119580-$ or US-20100218084-$ or US-20110231746-$ or US-20110231782-$ or US-20110258535-$ or US-20120197971-$ or US-20120215755-$ or US-20090138449-$ or US-20040014013-$ or US-20120150899-$).did. or (US-7487444-$ or US-7461353-$ or US-7533406-$ or US-7721303-$ or US-7831926-$ or US-7844889-$ or US-8145995-$ or US-8341529-$ or US-8386959-$ or US-7505977-$ or US-7882108-$ or US-7437663-$ or US-8291313-$ or US-8527909-$ or US-9223770-$ or US-5845299-$ or US-5956484-$ or US-6035323-$ or US-6101530-$ or US-6161126-$ or US-6249844-$ or US-6266684-$ or US-6311197-$ or US-6363376-$ or US-6393468-$ or US-6675385-$).did. or (US-6859819-$ or US-6864904-$ or US-6957383-$ or US-6981213-$ or US-6988240-$ or US-6993662-$ or US-RE39184-$ or US-7085999-$ or US-7100069-$).did.	US-PGPUB; USPAT	OR	OFF	2016/03/24 10:13
L39	1784364	30 31 32 33 34 35 36 37 38	US-PGPUB; USPAT	OR	OFF	2016/03/24 10:16
L40	167	39 & (browser near4 (desktop PC computer client (work adj station)) same (browser near4 pda mobile blakbaeery (small near4 device) handheld portable tablet Droid)) & (vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & row & (XML HTMl (web near L4 (page document))) & (browser same (render$4 rerender$3 digest$3 redigest$3 author$3 reauthor$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/24 10:17
L41	16	40 & ((various plurality many different (in near4 out) toggl$3) near4 (zoom$3 enlarg$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS;	OR	OFF	2016/03/24 10:18

			EPO; JPO; DERWENT; IBM_TDB			
L43	0	41 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/24 10:18
L44	39	40 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/24 10:18
L45	38	44 & ((various plurality many different (in near4 out) toggl$3) & (zoom$3 enlarg$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/24 10:19
L46	24	44 & ((various plurality many different (in near4 out) toggl$3) same (zoom$3 enlarg$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/24 10:19
L47	16	(browser near4 (desktop PC computer client (work adj station)) same (browser near4 pda mobile blakbaeery (small near4 device) handheld portable tablet Droid)) & (vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & row & (XML HTMl (web near L4 (page document))) & (browser same (render$4 rerender$3 digest$3 redigest$3 author$3 reauthor$3)) & ((various plurality many different (in near4 out) toggl$3) same (zoom$3 enlarg$3 pan$4)) & ((various plurality many different (in near4 out) toggl$3) near4 (zoom$3 enlarg$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/24 10:22
L48	0	47 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/24 10:23
L49	54	5 & (browser near4 (desktop PC computer client (work adj station)) same (browser near4 pda mobile blakbaeery (small near4 device) handheld portable tablet Droid)) & (vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & row & (XML HTMl (web near L4 (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/24 10:24

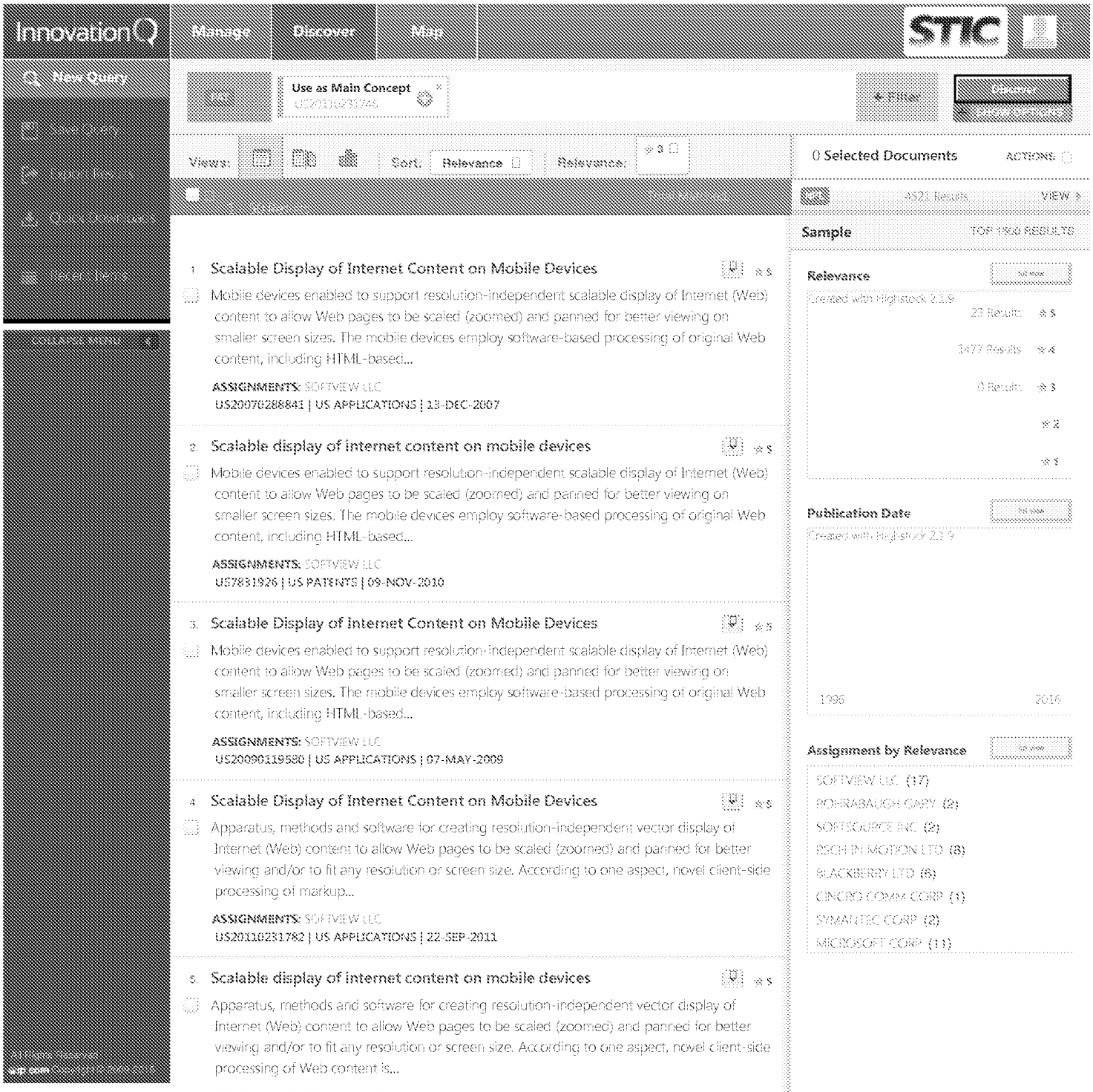
L50	52	5 & (browser near4 (desktop PC computer client (work adj station)) same (browser near4 pda mobile blakbaeery (small near4 device) handheld portable tablet Droid)) & (vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & row & (XML HTMl (web near (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/24 10:24
L51	10	50 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/24 10:24
L52	75	(L5 or L1) & (browser near4 (desktop PC computer client (work adj station)) same (browser near4 pda mobile blakbaeery (small near4 device) handheld portable tablet Droid)) & (vector SVG scalable) & (span$4 zoom$4 enlag$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/24 10:26
L53	11	52 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/24 10:26
L54	6	(US-20110231746-$).did. or (US-8386959-$ or US-7461353-$ or US-7823083-$ or US-7831926-$ or US-7844889-$).did.	US-PGPUB; USPAT	OR	ON	2016/03/24 10:32
S1	49	(US-20090013245-$ or US-20150066895-$ or US-20040255233-$ or US-20070250783-$ or US-20090119580-$ or US-20100218084-$ or US-20110231746-$ or US-20110231782-$ or US-20110258535-$ or US-20120197971-$ or US-20120215755-$ or US-20090138449-$ or US-20040014013-$ or US-20120150899-$).did. or (US-7487444-$ or US-7461353-$ or US-7533406-$ or US-7721303-$ or US-7831926-$ or US-7844889-$ or US-8145995-$ or US-8341529-$ or US-8386959-$ or US-7505977-$ or US-7882108-$ or US-7437663-$ or US-8291313-$ or US-8527909-$ or US-9223770-$ or US-5845299-$ or US-5956484-$ or US-6035323-$ or US-6101530-$ or US-6161126-$ or US-6249844-$ or US-6266684-$ or US-6311197-$ or US-6363376-$ or US-6393468-$ or US-6675385-$).did. or (US-6859819-$ or US-6864904-$ or US-6957383-$ or US-6981213-$ or US-6988240-$ or US-6993662-$ or US-RE39184-$ or US-7085999-$ or US-7100069-$).did.	US-PGPUB; USPAT	OR	OFF	2016/03/23 21:45
S2	1	12/941,106	USPAT	OR	OFF	2016/03/23

						21:45
S3	0	"20110231746".pn.	USPAT	OR	OFF	2016/03/23 21:49
S4	2	"20110231746".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/23 21:49
S5	4063	"20070288841" "7831926" "20090119580" "20110231782" "20080028335" "8386959" "7461353" "20070288855" "20070198917" "20070198916" "7844889" "20050131887" "7210099" "20050132286" "20020091738" "7823083" "8145995" "7584423" "20060048051" "20020112082" "7343555" "20120194519" "20090234962" "8001257" "7539766" "7688327" "20070263007" "7216177" "20060235941" "9158745" "8495242" "8656046" "20090089422" "8381110" "20130138774" "20160036889" "20100153495" "6964009" "20060265476" "20020078093" "20090070485" "6792575" "7864186" "20100194753" RE45636 "6657647" "20150310126" "8169628" "7672002" "6457030" "6857102" "8648858" "20130219024" "6925595" "6449639" "6826593" "7243122" "20050065999" "20090164620" "6874131" "20090144439" "20030110234" "7667862" "20020194302" "20020109729" "20040239681" "20060085529" "7242406" "20020015042" "6704024" "7143347" "20020199190" RE41440 "6353448" "20020091740" "7216149" "20100306696" "20120151408" "20130088569" "6243761" "6185625" "8700699" "20100228880" "20090144158" "20050080871" "8555324" "8156248" "20040133848" "20020033837" "20110191812" "20100281042" "6275829" "20050071758" "6421733" "7747782" "20060031404" "20020054090" "20100268773" "20040049598" "7174506" "20020133566" "6310601" "20050027820" "7533144" "6742043" "20100145924" "6226642" "20120246557" "20020089549" "8806326" "20010003823" "20020099785" "6615266" "8370420" "6785707" "20080077857" "20100180011" "6886013" "20130132820" "20030061386" "20100114923" "20040177323" "20070226314" "20080195698" "6880014" "20020123334"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/23 21:52

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S6	43	((Sharp same Zaurus) same PDA)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/23 21:53
S7	15744	715/800-825.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/23 21:54
S8	3659507	(pda mobile handheld smartphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/23 21:54
S9	23	(gary same rohrabaugh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/23 21:54
S10	1032	(vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & row & (XML HTMl (web near S4 (page document))) & (browser same (render$4 rerender$3 digest$3 redigest$3 author$3 reauthor$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/23 21:57
S11	20	S9 & S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/23 21:57
S12	20	S9 & S10	US-PGPUB; USPAT;	OR	OFF	2016/03/23 21:57

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S13	5	S12 & ((various plurality many different (in near4 out) toggl$3) near4 (zoom$3 enlarg$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/23 22:01
S14	5	S13 & (CSS (cascad$3 near4 style near4 sheet))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/23 22:08
S15	0	"008386959".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/23 22:14
S16	2	"8386959".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/23 22:15
S17	1	S16 & (vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & row & (XML HTMl (web near S4 (page document))) & (browser same (render$4 rerender$3 digest$3 redigest$3 author$3 reauthor$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/23 22:15
S18	0	S17 & ((various plurality many different (in near4 out) toggl$3) near4 (zoom$3 enlarg$3 pan$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/03/23 22:15

3/24/2016 10:33:20 AM
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InnovationQ
Manage
Discover
Map
STIC
New Query
Use as Main Concept
Filter
Views:
Sort:
Relevance
Relevance:
0 Selected Documents
ACTIONS
4521 Results
VIEW
Sample
TOP 1500 RESULTS
1. Scalable Display of Internet Content on Mobile Devices
Mobile devices enabled to support resolution-independent scalable display of Internet (Web) content to allow Web pages to be scaled (zoomed) and panned for better viewing on smaller screen sizes. The mobile devices employ software-based processing of original Web content, including HTML-based...
ASSIGNMENTS: SOFTVIEW LLC
US20070288841 | US APPLICATIONS | 13-DEC-2007
2. Scalable display of internet content on mobile devices
Mobile devices enabled to support resolution-independent scalable display of Internet (Web) content to allow Web pages to be scaled (zoomed) and panned for better viewing on smaller screen sizes. The mobile devices employ software-based processing of original Web content, including HTML-based...
ASSIGNMENTS: SOFTVIEW LLC
US7831926 | US PATENTS | 09-NOV-2010
3. Scalable Display of Internet Content on Mobile Devices
Mobile devices enabled to support resolution-independent scalable display of Internet (Web) content to allow Web pages to be scaled (zoomed) and panned for better viewing on smaller screen sizes. The mobile devices employ software-based processing of original Web content, including HTML-based...
ASSIGNMENTS: SOFTVIEW LLC
US20090119580 | US APPLICATIONS | 07-MAY-2009
4. Scalable Display of Internet Content on Mobile Devices
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 markup...
ASSIGNMENTS: SOFTVIEW LLC
US20110231782 | US APPLICATIONS | 22-SEP-2011
5. Scalable display of internet content on mobile devices
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...
ASSIGNMENTS: SOFTVIEW LLC
US20080028335 | US APPLICATIONS | 31-JAN-2008
6. Scalable display of internet content on mobile devices
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 markup...
ASSIGNMENTS: SOFTVIEW LLC
US8386959 | US PATENTS | 26-FEB-2013
7. Scalable display of internet content on mobile devices
Relevance
Created with Highstock 2.1.9
23 Results
1477 Results
0 Results
Publication Date
Created with Highstock 2.1.9
1996
2016
Assignment by Relevance
SOFTVIEW LLC (17)
BOHRABAUGH GABY (2)
SOFTSOURCE INC (2)
RSCH IN MOTION LTD (8)
BLACKBERRY LTD (8)
CINCRO COMM CORP (1)
SYMANTEC CORP (2)
MICROSOFT CORP (11)

Mobile devices enabled to support resolution-independent scalable display of Internet (Web) content to allow Web pages to be scaled (zoomed) and panned for better viewing on smaller screen sizes. The mobile devices employ software-based processing of original Web content, including HTML-based...

ASSIGNMENTS: ROHRABAUGH GARY
US7461352 | US PATENTS | 02-DEC-2008

8. **Resolution Independent Vector Display of Internet Content**

Apparatus, methods and software for facilitating 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 server-side processing of HTML-based Web...

ASSIGNMENTS: SOFTVIEW LLC
US20070288855 | US APPLICATIONS | 13-DEC-2007

9. **Resolution independent vector display of internet content**

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 markup...

ASSIGNMENTS: SOFTVIEW LLC
US20070198917 | US APPLICATIONS | 23-AUG-2007

10. **Resolution independent vector display of internet content**

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...

ASSIGNMENTS: SOFTVIEW LLC
US20070198916 | US APPLICATIONS | 23-AUG-2007

11. **Resolution independent display of internet content**

Apparatus, methods and software for creating resolution-independent 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 markup language-based Web...

ASSIGNMENTS: SOFTVIEW LLC
US7844889 | US PATENTS | 30-NOV-2010

12. **Resolution independent vector display of internet content**

Apparatus and methods are provided 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. According to one embodiment, novel server processing of Web content is provided...

ASSIGNMENTS: SOFTVIEW LLC
US20050131887 | US APPLICATIONS | 16-JUN-2005

13. **Resolution independent vector display of internet content**

Apparatus and methods are provided 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. According to one embodiment, novel server processing of Web content is provided...

ASSIGNMENTS: SOFTVIEW LLC
US7210099 | US PATENTS | 24-APR-2007

14. **Resolution independent vector display of internet content**

Apparatus and methods are provided 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. According to one embodiment, novel server processing of

View More Visualizations

Web content is provided...

ASSIGNMENTS: SOFTVIEW LLC
US20050132286 | US APPLICATIONS | 16-JUN-2005

15. **Resolution independent vector display of internet content**

Apparatus and methods are provided 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. According to one embodiment, novel server processing of Web content is provided...

ASSIGNMENTS: SOFTVIEW LLC
US20020091738 | US APPLICATIONS | 11-JUL-2002

16. **Method, browser client and apparatus to support full-page web browsing on hand-held devices**

Method, browser client, and apparatus for enabling users of hand-held devices to perform full page browsing of Web pages with zooming and panning. A proxy or proxy server is used to process HTML-based Web content corresponding to requested Web pages in their original form and generate translated...

ASSIGNMENTS: SOFTVIEW LLC
US7823083 | US PATENTS | 26-OCT-2010

17. **Scalable display of internet content on mobile devices**

Mobile devices enabled to support resolution-independent scalable display of Internet (Web) content to allow Web pages to be scaled (zoomed) and panned for better viewing on smaller screen sizes. The mobile devices employ software-based processing of original Web content, including HTML-based...

ASSIGNMENTS: SOFTVIEW LLC
US8145995 | US PATENTS | 27-MAR-2012

18. **Resolution independent vector display of internet content**

Apparatus and methods are provided 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 (Fig. 1A). According to one embodiment, novel server processing of Web content is...

ASSIGNMENTS: SOFTSOURCE INC
WO2001096985A2 | WIPO APPLICATIONS | 20-DEC-2001

19. **Method, proxy and system to support full-page web browsing on hand-held devices**

Method, proxy, and system for enabling users of hand-held devices to perform full page browsing of Web pages with zooming and panning. A proxy or proxy server is used to process HTML-based Web content corresponding to requested Web pages in their original form and generate translated content that is...

ASSIGNMENTS: ROHRABAUCH GARY
US7584423 | US PATENTS | 01-SEP-2009

20. **Method for rendering formatted content on a mobile device**

ASSIGNMENTS: RSCH IN MOTION LTD
EP1630698B1 | EUROPEAN PATENTS | 07-NOV-2007

21. **Method for rendering formatted content on a mobile device**

A method for transmitting formatted content to a mobile device having a small display screen comprises retrieving a page of formatted content, rendering the page as a graphic such as a JPEG that is sized for display on the small display screen, and transmitting the graphic to the requesting device...

ASSIGNMENTS: BLACKBERRY LTD
US20060048051 | US APPLICATIONS | 02-MAR-2006

22. **Method for rendering formatted content on a mobile device**

A method for transmitting formatted content to a mobile device having a small display screen comprises retrieving a page of formatted content, rendering the page as a graphic such as a

JPEG that is sized for display on the small display screen, and transmitting the graphic to the requesting device...

ASSIGNMENTS: RSCH IN MOTION LTD
EP1630689A1 | EUROPEAN APPLICATIONS | 01-MAR-2006

23. **Method for rendering formatted content on a mobile device**

A method for transmitting formatted content to a mobile device having a small display screen comprises retrieving a page of formatted content, rendering the page as a graphic such as a JPEG that is sized for display on the small display screen, and transmitting the graphic to the requesting device...

ASSIGNMENTS: RSCH IN MOTION LTD [+1]
CA2516906C | CANADIAN PATENTS | 24-NOV-2009

24. **System and method for delivery of documents over a computer network**

A system and method for delivering a document by a first computer to a second computer over a computer network. A method of the present invention includes the steps of decomposing a document into nodes (210) in accordance with a document model of the document, associating the nodes with a virtual...

ASSIGNMENTS: CINCRO COMM CORP
WO2002046946A1 | WIPO APPLICATIONS | 13-JUN-2002

25. **System and method for delivery of documents over a computer network**

A system and method for delivering a document by a first computer to a second computer over a computer network. A method of the present invention includes the following steps: (1) decomposing the document into nodes in accordance with a document model of the document; (2) associating the nodes with...

ASSIGNMENTS: SYMANTEC CORP
US20020112082 | US APPLICATIONS | 15-AUG-2002

26. **System and method for delivery of documents over a computer network**

A system and method for delivering a document by a first computer to a second computer over a computer network. A method of the present invention includes the following steps: (1) decomposing the document into nodes in accordance with a document model of the document; (2) associating the nodes with...

ASSIGNMENTS: SYMANTEC CORP
US7343555 | US PATENTS | 11-MAR-2008

27. **System and method for transferring web page data**

A system and method are disclosed which may include accessing an Internet site by a proxy server; converting image data from the Internet site into a multiresolution representation; and transmitting the image data in said multiresolution representation to a client device.

ASSIGNMENTS: MICROSOFT CORP
WO2006105158A2 | WIPO APPLICATIONS | 05-OCT-2006

28. **System and method for transferring web page data**

A system and method are disclosed which may include accessing an Internet site by a proxy server; converting image data from the Internet site into a multiresolution representation; and transmitting the image data in said multiresolution representation to a client device.

ASSIGNMENTS: MICROSOFT CORP
EP1864222A2 | EUROPEAN APPLICATIONS | 12-DEC-2007

29. **System and method for transferring web page data**

A system and method are disclosed which may include accessing an Internet site by a proxy server; converting image data from the Internet site into a multiresolution representation; and transmitting the image data in said multiresolution representation to a client device.

ASSIGNMENTS: MICROSOFT CORP
CA2599357A1 | CANADIAN APPLICATIONS | 05-OCT-2006

30. **Image Optimization**

Viewing of web pages is improved by prioritizing image rendering based on positioning of images within a web page. For example, for images that are likely to be initially viewable upon presentation of the web page (i.e., prior to scrolling), compressed proxy versions are made available so that the...

ASSIGNMENTS: RADWARE CANADA HLDG INC
US20120194519 | US APPLICATIONS | 02-AUG-2012

31. **Supplying Electronic Content to Networked Appliances**

A system and method communicates data from a web content provider to a wireless computing device (e.g., a PDA, a cellular phone) via a proxy server. The proxy server transforms web content "on-the-fly" into a streamlined format, optimizes it for display, and delivers it to the device, where it is...

ASSIGNMENTS: QUALCOMM INC
US20090234962 | US APPLICATIONS | 17-SEP-2009

32. **Supplying electronic content to networked appliances**

A system and method communicates data from a web content provider to a wireless computing device (e.g., a PDA, a cellular phone) via a proxy server. The proxy server transforms web content "on-the-fly" into a streamlined format, optimizes it for display, and delivers it to the device, where it is...

ASSIGNMENTS: QUALCOMM INC
US8001257 | US PATENTS | 16-AUG-2011

33. **Supplying electronic content to networked appliances**

A system and method communicates data from a web content provider to a wireless computing device (e.g., a PDA, a cellular phone) via a proxy server. The proxy server transforms web content "on-the-fly" into a streamlined format, optimizes it for display, and delivers it to the device, where it is...

ASSIGNMENTS: QUALCOMM INC
US7539766 | US PATENTS | 26-MAY-2009

34. **Visual content browsing with zoom and pan features**

The present invention relates to display of visual content on a client device using server-side rasterization of visual content. Visual content is rendered on a server system, transformed into bitmaps compatible with the display attributes of a client device, and transmitted for display on the...

ASSIGNMENTS: CALLAHAN CELLULAR LLC
US7688327 | US PATENTS | 30-MAR-2010

35. **Visual content browsing with zoom and pan features**

The present invention relates to display of visual content on a client device using server-side rasterization of visual content. Visual content is rendered on a server system, transformed into bitmaps compatible with the display attributes of a client device, and transmitted for display on the...

ASSIGNMENTS: CALLAHAN CELLULAR LLC
US20070263007 | US APPLICATIONS | 15-NOV-2007

36. **Apparatus and method for supplying electronic content to network appliances**

A system and method communicates data from a web content provider to a wireless computing device (e.g., a PDA, a cellular phone) via a proxy server. The proxy server transforms web content "on-the-fly" into a streamlined format, optimizes it for display, and delivers it to the device, where it is...

ASSIGNMENTS: HANDSPRING INC [+1]
US7216177 | US PATENTS | 08-MAY-2007

37. **System and method for transferring web page data**

The system and method may include the method comprising: accessing an Internet site through the proxy server, and converting it into a multiresolution representation of the

image data from the Internet site, and transmitting to the client device a plurality of image data resolution representation...

ASSIGNMENTS: マイクロソフト コーポレーション
JP2008535098A | JAPANESE APPLICATIONS | 28-AUG-2008

38. **System and method for transferring web page data**

A system and method are disclosed which may include accessing an Internet site by a proxy server; converting image data from the Internet site into a multiresolution representation; and transmitting the image data in said multiresolution representation to a client device.

ASSIGNMENTS: MICROSOFT TECH LICENSING LLC
US20060235941 | US APPLICATIONS | 19-OCT-2006

39. **System and method for transferring web page data**

ASSIGNMENTS: MICROSOFT CORP
AU2006230233A1 | AUSTRALIAN PATENT DOCUMENTS | 25-OCT-2007

40. **Optimization of media content using generated intermediate media content**

An automatic graphics delivery system that operates in parallel with an existing Web site infrastructure is provided. The system streamlines the post-production process by automating the production of media through content generation procedures controlled by proprietary tags placed by an author...

ASSIGNMENTS: EQUILIBRIUM
US9158745 | US PATENTS | 13-OCT-2015

41. **Automated media delivery system**

An automatic graphics delivery system that operates in parallel with an existing Web site infrastructure is provided. The system streamlines the post-production process by automating the production of media through content generation procedures controlled by proprietary tags placed by an author...

ASSIGNMENTS: AUTOMATED MEDIA PROCESSING SOLUTIONS INC
US8495242 | US PATENTS | 23-JUL-2013

42. **Automated media delivery system**

An automatic graphics delivery system that operates in parallel with an existing Web site infrastructure is provided. The system streamlines the post-production process by automating the production of media through content generation procedures controlled by proprietary tags placed by an author...

ASSIGNMENTS: EQUILIBRIUM
US8656046 | US PATENTS | 18-FEB-2014

43. **Automated Media Delivery System**

An automatic graphics delivery system that operates in parallel with an existing Web site infrastructure is provided. The system streamlines the post-production process by automating the production of media through content generation procedures controlled by proprietary tags placed by an author...

ASSIGNMENTS: BARGER, SEAN [+5]
US20090089422 | US APPLICATIONS | 02-APR-2009

44. **Automated media delivery system**

An automatic graphics delivery system that operates in parallel with an existing Web site infrastructure is provided. The system streamlines the post-production process by automating the production of media through content generation procedures controlled by proprietary tags placed by an author...

ASSIGNMENTS: EQUILIBRIUM
US8381110 | US PATENTS | 19-FEB-2013

45. **Automated media delivery system**

An automatic graphics delivery system that operates in parallel with an existing Web site infrastructure is provided. The system streamlines the post-production process by

automating the production of media through content generation procedures controlled by proprietary tags placed by an author...

ASSIGNMENTS: EQUILIBRIUM AMPS INC
US20130138774 | US APPLICATIONS | 30-MAY-2013

46. **Automated media delivery system**

An automatic graphics delivery system that operates in parallel with an existing Web site infrastructure is provided. The system streamlines the post-production process by automating the production of media through content generation procedures controlled by proprietary tags placed by an author...

ASSIGNMENTS: EQUILIBRIUM AMPS INC [+1]
US20160036889 | US APPLICATIONS | 04-FEB-2016

47. **Automated Media Delivery System**

An automatic graphics delivery system that operates in parallel with an existing Web site infrastructure is provided. The system streamlines the post-production process by automating the production of media through content generation procedures controlled by proprietary tags placed by an author...

ASSIGNMENTS: BARGER, SEAN [+5]
US20100153495 | US APPLICATIONS | 17-JUN-2010

48. **Automated media delivery system**

An automatic graphics delivery system that operates in parallel with an existing Web site infrastructure is provided. The system streamlines the post-production process by automating the production of media through content generation procedures controlled by proprietary tags placed by an author...

ASSIGNMENTS: EQUILIBRIUM AMPS INC [+2]
US6964009 | US PATENTS | 08-NOV-2005

49. **Automated media delivery system**

An automatic graphics delivery system that operates in parallel with an existing Web site infrastructure is provided. The system streamlines the post-production process by automating the production of media through content generation procedures controlled by proprietary tags placed by an author...

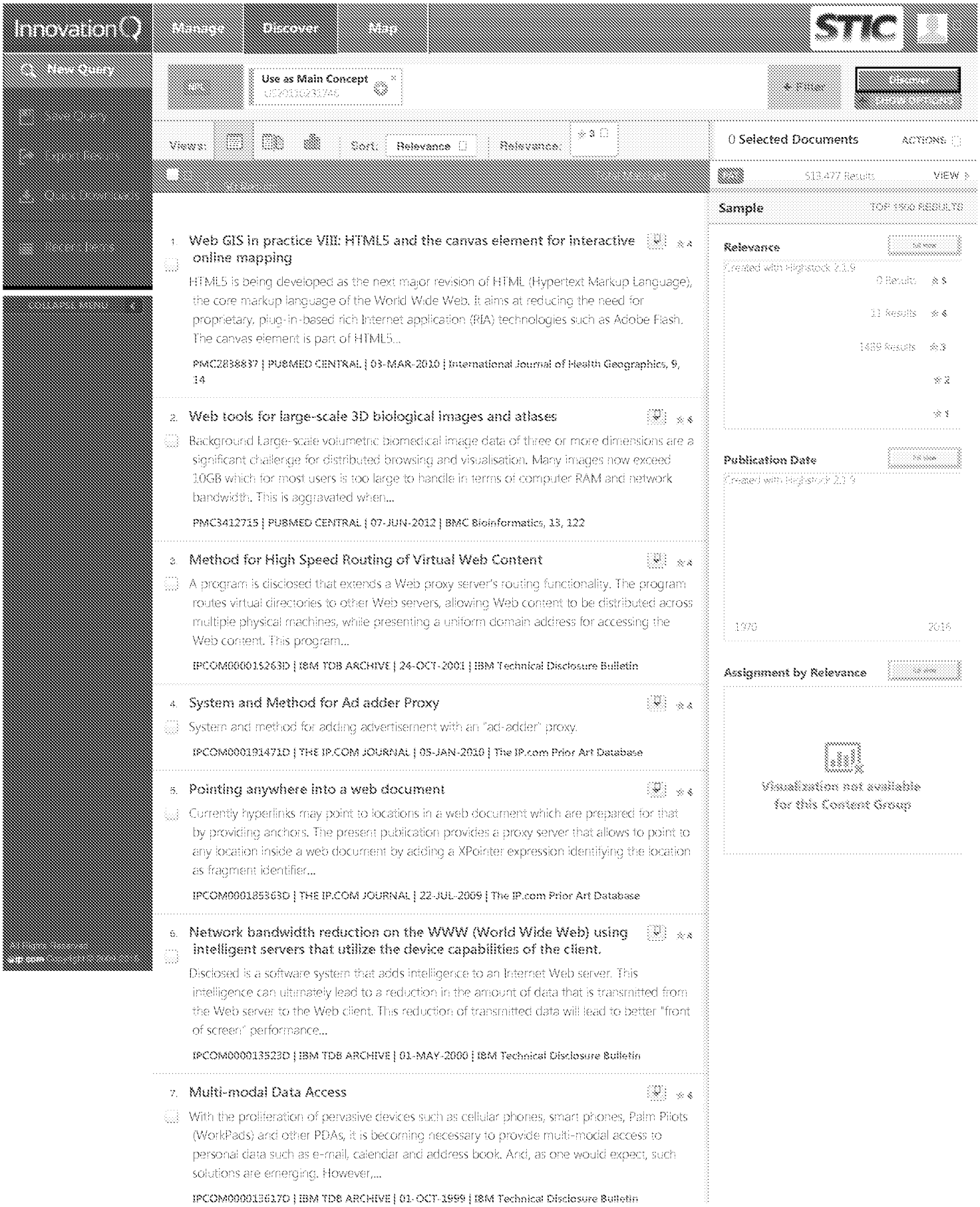
ASSIGNMENTS: ROCKY OFFNER NELSON H [+4]
US20060265476 | US APPLICATIONS | 23-NOV-2006

50. **Automated media delivery system**

An automatic graphics delivery system that operates in parallel with an existing Web site infrastructure is provided. The system streamlines the post-production process by automating the production of media through content generation procedures controlled by proprietary tags placed by an author...

ASSIGNMENTS: ROCKY OFFNER NELSON H. [+4]
US20020078093 | US APPLICATIONS | 20-JUN-2002

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InnovationQ
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STIC
New Query
Use as Main Concept
Filter
Views:
Sort:
Relevance
Relevance:
0 Selected Documents
ACTIONS
513,477 Results
VIEW
Sample
TOP 1500 RESULTS
1. Web GIS in practice VIII: HTML5 and the canvas element for interactive online mapping
HTML5 is being developed as the next major revision of HTML (Hypertext Markup Language), the core markup language of the World Wide Web. It aims at reducing the need for proprietary, plug-in-based rich Internet application (RIA) technologies such as Adobe Flash. The canvas element is part of HTML5...
PMC2838837 | PUBMED CENTRAL | 03-MAR-2010 | International Journal of Health Geographics, 9, 14
2. Web tools for large-scale 3D biological images and atlases
Background Large-scale volumetric biomedical image data of three or more dimensions are a significant challenge for distributed browsing and visualisation. Many images now exceed 10GB which for most users is too large to handle in terms of computer RAM and network bandwidth. This is aggravated when...
PMC3412715 | PUBMED CENTRAL | 07-JUN-2012 | BMC Bioinformatics, 13, 122
3. Method for High Speed Routing of Virtual Web Content
A program is disclosed that extends a Web proxy server's routing functionality. The program routes virtual directories to other Web servers, allowing Web content to be distributed across multiple physical machines, while presenting a uniform domain address for accessing the Web content. This program...
IPCOM000015263D | IBM TDB ARCHIVE | 24-OCT-2001 | IBM Technical Disclosure Bulletin
4. System and Method for Ad adder Proxy
System and method for adding advertisement with an "ad-adder" proxy.
IPCOM000191471D | THE IP.COM JOURNAL | 05-JAN-2010 | The IP.com Prior Art Database
5. Pointing anywhere into a web document
Currently hyperlinks may point to locations in a web document which are prepared for that by providing anchors. The present publication provides a proxy server that allows to point to any location inside a web document by adding a XPointer expression identifying the location as fragment identifier...
IPCOM000185363D | THE IP.COM JOURNAL | 22-JUL-2009 | The IP.com Prior Art Database
6. Network bandwidth reduction on the WWW (World Wide Web) using intelligent servers that utilize the device capabilities of the client.
Disclosed is a software system that adds intelligence to an Internet Web server. This intelligence can ultimately lead to a reduction in the amount of data that is transmitted from the Web server to the Web client. This reduction of transmitted data will lead to better "front of screen" performance...
IPCOM000013523D | IBM TDB ARCHIVE | 01-MAY-2000 | IBM Technical Disclosure Bulletin
7. Multi-modal Data Access
With the proliferation of pervasive devices such as cellular phones, smart phones, Palm Pilots (WorkPads) and other PDAs, it is becoming necessary to provide multi-modal access to personal data such as e-mail, calendar and address book. And, as one would expect, such solutions are emerging. However,...
IPCOM000013617D | IBM TDB ARCHIVE | 01-OCT-1999 | IBM Technical Disclosure Bulletin
Relevance
Created with Highstock 2.1.9
0 Results
11 Results
1489 Results
Publication Date
1970
2016
Assignment by Relevance
Visualization not available for this Content Group

8. **System for enabling audio delivery of internet content** ☆ 4

Systems and methods for selecting and retrieving SGML (Standard Generalized Markup Language) based content from the internet and intranet and delivering such content to the telephone. A method for use in a computer system having a processor, access to the internet, and a modem connected to the...

IPCOM000010871D | THE IP.COM JOURNAL | 29-JAN-2003 | The IP.com Prior Art Database

9. **Method for Excluding User-Specified World Wide Web Graphics** ☆ 4

The World Wide Web (WWW) is well known today and comprises a multitude of computer servers and a network by which clients can communicate with the servers. The client typically includes a "web browser" to provide a user interface to the WWW. The servers provide data to the clients in the form of web...

IPCOM000123953D | IBM TDB ARCHIVE | 01-AUG-1999 | IBM Technical Disclosure Bulletin (RD v42 n424 08-99 article 42489)

10. **SASIntrNet 9.1 Overview** ☆ 4

IPCOM000243246D | LEGACY JOURNALS | 31-DEC-2003 | SAS Institute Inc.

11. **Method and Apparatus to translate/transcode marked-up text in a real time fashion** ☆ 4

Transcoding without a proxy The essence of this disclosure is an alternative to proxy servers that, for transcoding, gives control to the application running in a browser, rather than the network itself. Traditionally, proxies are servers, or programs, placed in the middle of a network connection...

IPCOM000014792D | IBM TDB ARCHIVE | 22-APR-2001 | IBM Technical Disclosure Bulletin

12. **SASIntrNet 9 Overview** ☆ 3

IPCOM000243268D | LEGACY JOURNALS | 31-DEC-2002 | SAS Institute Inc.

13. **Web Personalization: Method of Combining a Personal Font with Internet Messages** ☆ 3

Internet mail messages are rendered and displayed using fonts that are pre-installed on an operating system. Message creators are unable to personalize their messages with their own operating system independent personal font. The following describes a method of combining a person's personal font...

IPCOM000016152D | IBM TDB ARCHIVE | 12-AUG-2002 | IBM Technical Disclosure Bulletin

14. **MIME Encapsulation of Aggregate Documents, such as HTML (MHTML) (RFC2557)** ☆ 3

HTML [RFC 1866] defines a powerful means of specifying multimedia documents. These multimedia documents consist of a text/html root resource (object) and other subsidiary resources (image, video clip, applet, etc. objects) referenced by Uniform Resource Identifiers (URIs) within the text/html root...

IPCOM000003143D | INTERNET SOCIETY RFC | 01-MAR-1999 | Internet Society Requests for Comments

15. **The PubChem chemical structure sketcher** ☆ 3

PubChem is an important public, Web-based information source for chemical and bioactivity information. In order to provide convenient structure search methods on compounds stored in this database, one mandatory component is a Web-based drawing tool for interactive sketching of chemical query...

PMC2820498 | PUBMED CENTRAL | 17-DEC-2009 | Journal of Cheminformatics, 1, 20

16. **A New Method for Publishing Three-Dimensional Content** ☆ 3

PMC2754609 | PUBMED CENTRAL | 20-OCT-2009 | PLoS ONE, 4(10), e7394

17. **GPU Accelerated Rasterization** ☆ 3

Conventionally, web browsers rely on the central processing unit (CPU) to render content of

View More Visualizations

the webpage. However, as graphics processing units (GPUs) are becoming an integral part of everyday computing devices such as smartphones, tablet computing devices, notebooks and laptops, the graphicsrich...

IPCOM000239215D | THE IP.COM JOURNAL | 21-OCT-2014 | The IP.com Prior Art Database

18. **Guide to Network Resource Tools (RFC1580)** ☆3

As the worldwide academic computer network grows and expands far beyond its previous confines, so the resources and services available on the network evolve and multiply at a dizzying rate. The typical user is hardpressed to keep up with this explosive growth. Fortunately, a number of tools are...

IPCOM000002414D | INTERNET SOCIETY RFC | 01-MAR-1994 | Internet Society Requests for Comments

19. **Transcoding Technologies in IBM WebSphere Everyplace Access Version 4.1.1** ☆3

This Redpaper will help you plan and enable the function provided by Transcoding Technologies in the IBM WebSphere Everyplace Access Version 4.1.1 so that existing enterprise online applications can be accessed from wireless devices such as WAP phones and Pocket PCs. You will find step-by-step...

REDP3592OO | IBM REDBOOKS | 11-OCT-2002

20. **Methods, systems, and media for dynamically transmitting and presenting web content** ☆3

Methods, systems, and media for dynamically transmitting and presenting web content are provided. In some embodiments, a method for presenting web content is provided, the method comprising: receiving a request for web content; identifying, using a hardware processor, a first element of the...

IPCOM000236857D | THE IP.COM JOURNAL | 20-MAY-2014 | The IP.com Prior Art Database

21. **Internet Patient Records: new techniques** ☆3

Background The ease by which the Internet is able to distribute information to geographically-distant users on a wide variety of computers makes it an obvious candidate for a technological solution for electronic patient record systems. Indeed, second-generation Internet technologies such as the...

PMC1761888 | PUBMED CENTRAL | 17-MAR-2001 | Journal of Medical Internet Research, 3(1), e8

22. **Transparent Content Negotiation in HTTP (RFC2295)** ☆3

HTTP allows web site authors to put multiple versions of the same information under a single URL. Transparent content negotiation is an extensible negotiation mechanism, layered on top of HTTP, for automatically selecting the best version when the URL is accessed. This enables the smooth deployment...

IPCOM000028588D | INTERNET SOCIETY RFC | 01-MAR-1998 | Internet Society Requests for Comments

23. **Simultaneously monitor dynamic file updates on J2EE application server using web browser** ☆3

An apparatus is disclosed using web browser as real time viewer to simultaneously monitor dynamic file updates on J2EE compliant application server. In general, a log file on application server increases dynamically, the apparatus simultaneously monitors the log file and display the up-to-date...

IPCOM000152250D | THE IP.COM JOURNAL | 27-APR-2007 | The IP.com Prior Art Database

24. **Method and system for facilitating the user creation of a personalized internet server based, communication platform** ☆3

The invention described is a method and system for facilitating the user creation of a personalized Internet server based, communication platform, whereby the user skills and user hardware and software needs are minimized and reduced to those commonly associated with those necessary for television...

IPCOM000133123D | THE IP.COM JOURNAL | 23-JAN-2006 | The IP.com Prior Art Database

25. **Shared GPU Memory Buffer** ※ 3

Conventionally, web browsers rely on the central processing unit (CPU) to render content of the webpage. However, as graphics processing units (GPUs) are becoming an integral part of everyday computing devices such as smartphones, tablet computing devices, notebooks and laptops, the graphicsrich...

IPCOM000239216D | THE IP.COM JOURNAL | 21-OCT-2014 | The IP.com Prior Art Database

26. **A Uniform Method for Distribution of Internet Data To Appropriate Servers** ※ 3

Disclosed is a software system that provides network transport of widely differing Internet asset types in a uniform manner. This system is embodied in a set of software libraries that can be linked into Internet server software such as web servers, application servers, streaming media servers, and...

IPCOM000015104D | IBM TDB ARCHIVE | 09-DEC-2001 | IBM Technical Disclosure Bulletin

27. **Extending e-business to Pervasive Computing Devices Using IBM WebSphere Everyplace Suite Version 1.1.2** ※ 3

IBM WebSphere Everyplace Suite Version 1.1.2 is an integrated end-to-end software solution for mobile e-business. This IBM Redbooks publication is about deploying this product to enable Web and enterprise application access from pervasive computing devices. This book helps you to understand the...

SG24599600 | IBM REDBOOKS | 17-APR-2001

28. **SASIntrNet 9.3** ※ 3

IPCOM000243198D | LEGACY JOURNALS | 31-DEC-2011 | SAS Institute Inc.

29. **BrainBrowser: distributed, web-based neurological data visualization** ※ 3

Recent years have seen massive, distributed datasets become the norm in neuroimaging research, and the methodologies used to analyze them have, in response, become more collaborative and exploratory. Tools and infrastructure are continuously being developed and deployed to facilitate research in...

PMC4292582 | PUBMED CENTRAL | 13-JAN-2015 | Frontiers in Neuroinformatics, 8, 89

30. **MIME E-mail Encapsulation of Aggregate Documents, such as HTML (MHTML) (RFC2110)** ※ 3

Although HTML [RFC 1866] was designed within the context of MIME, more than the specification of HTML as defined in RFC 1866 is needed for two electronic mail user agents to be able to interoperate using HTML as a document format. These issues include the naming of objects that are normally referred...

IPCOM000002663D | INTERNET SOCIETY RFC | 01-MAR-1997 | Internet Society Requests for Comments

31. **Humanities and Arts: Sharing Center Stage on the Internet (RFC2150)** ※ 3

This document is designed primarily for individuals who have limited knowledge of, or experience with, the Internet.

IPCOM000002707D | INTERNET SOCIETY RFC | 01-OCT-1997 | Internet Society Requests for Comments

32. **A Process for the Blending of Web Content** ※ 3

HTML and XML are becoming increasingly popular approaches for companies to disseminate important data to other companies and to the public in general. It is now possible to obtain stock quotes, news, weather, package tracking information, and many other types of useful information from the Web in...

IPCOM000013692D | IBM TDB ARCHIVE | 01-APR-2000 | IBM Technical Disclosure Bulletin

33. **Internet Web Replication and Caching Taxonomy (RFC3040)** ※ 3

This memo specifies standard terminology and the taxonomy of web replication and caching infrastructure as deployed today. It introduces standard concepts, and protocols used today within this application domain. Currently deployed solutions employing these technologies

are presented to establish a...

IPCOM000005234D | INTERNET SOCIETY RFC | 01-JAN-2001 | Internet Society Requests for Comments

34. **MobiTrans -- A Mobile Web Solution Framework** ※ 3

Mobile application development has been a matter of huge discontent because of diverse nature of mobile devices, which are exclusive to makes and models. This recently led to a paradigm shift from creating thick client based mobile application development to micro browser based thin client...

IPCOM000219522D | THE IP.COM JOURNAL | 05-JUL-2012 | The IP.com Prior Art Database

35. **Internet Image Statements** ※ 3

Internet Image Statements (IIS) is a proposal for a new High Performance Transaction System (HPTS) product or a new option to the HPTS Image Statement Application. IIS provides banks with a very cost effective alternative for delivering image statements to their customers via the World Wide Web and...

IPCOM000118342D | IBM TDB ARCHIVE | 01-OCT-1996 | IBM Technical Disclosure Bulletin (TDB v39 n10 10-96 p43-46)

36. **Master Layout Definitions for User Interfaces** ※ 3

Disclosed is a Layout Definition Language (LDL) that defines layout constructs that can be used by varying applications. Furthermore, this invention describes a process for how a business user creates a Layout Definition (LD), and the process for which it is used by varying applications through UI...

IPCOM000215275D | THE IP.COM JOURNAL | 23-FEB-2012 | The IP.com Prior Art Database

37. **A system and apparatus to get the web access destination right with one step only through Destination Portals** ※ 3

Present invention provides a system/apparatus that could help user reach interested web page spot with one step only. It provides users several access portals to the web site, even the same web page may have several access portals, which improves the web access efficiency and mitigates the Homepage...

IPCOM000227702D | THE IP.COM JOURNAL | 13-MAY-2013 | The IP.com Prior Art Database

38. **Command Line Interface for HTML & XML Web Applications** ※ 3

Customers are increasingly migrating from client applications that must be installed on each workstation to server-based web applications accessed via intranets and the Internet. This migration supports goals of reducing software support costs and providing access by an authorized user to any...

IPCOM000018829D | THE IP.COM JOURNAL | 15-AUG-2003 | The IP.com Prior Art Database

39. **Information Retrieval and Presentation Apparatus with Version Control** ※ 3

Disclosed is a system for maintaining versions of information sources and for supporting temporal information retrieval and visualization of the information sources. Information sources could be a World Wide Web (WWW) page, a channel (in the sense of webcasting and push technology), or an output of...

IPCOM000122965D | IBM TDB ARCHIVE | 01-JAN-1998 | IBM Technical Disclosure Bulletin (TDB v41 n1 01-98 p711-712)

40. **Deferred parsing optimization** ※ 3

Techniques and systems for deferred parsing optimizations include retrieving a computer program written in a scripting language, the computer program including a first function, generating a second function based on the first function such that the second function has fewer statements to be parsed...

IPCOM000216759D | THE IP.COM JOURNAL | 17-APR-2012 | The IP.com Prior Art Database

41. **Resource Management Scheme Based on Ubiquitous Data Analysis** ※ 3

Resource management of the main memory and process handler is critical to enhancing the system performance of a web server. Owing to the transaction delay time that affects

incoming requests from web clients, web server systems utilize several web processes to anticipate future requests. This...

PMC4147269 | PUBMED CENTRAL | 01-JAN-2014 | The Scientific World Journal, 2014, 156083

42. **Method and System for Rendering Device Specific Enterprise Web Content** ☆ 3

A method and system for rendering device specific enterprise web content is disclosed. The method and system enables efficient optimization of the web content based on requirements of a mobile device requesting the web content.

IPCOM000193063D | THE IP.COM JOURNAL | 09-FEB-2010 | The IP.com Prior Art Database

43. **Requirements for a Distributed Authoring and Versioning Protocol for the World Wide Web (RFC2291)** ☆ 3

Current World Wide Web (WWW or Web) standards provide simple support for applications which allow remote editing of typed data. In practice, the existing capabilities of the WWW have proven inadequate to support efficient, scalable remote editing free of overwriting conflicts. This document presents...

IPCOM000002854D | INTERNET SOCIETY RFC | 01-FEB-1998 | Internet Society Requests for Comments

44. **A Data Synchronization System for Web Site Content Downloaded on a Wireless Mobile Device** ☆ 3

A wireless mobile device has limited memory and operates on a low-bandwidth network. Web site content comprising images, audio, video, or other data formats may not be supported by the device. If it is supported, the content must be compressed (reduced in size) when sent to the device so that it can...

IPCOM000131876D | THE IP.COM JOURNAL | 21-NOV-2005 | The IP.com Prior Art Database

45. **System, method and computer program product for communicating information among devices** ☆ 3

A system, method, and computer program product are provided for communicating information among devices. In use, content is presented utilizing a first device. In one embodiment, a request for information associated with the content may then be received utilizing the first device. To this end, the...

IPCOM000136015D | THE IP.COM JOURNAL | 02-MAY-2006 | The IP.com Prior Art Database

46. **Web Enabling System/390 Applications Using WebSphere for OS/390, Java, and MQSeries** ☆ 3

This paper describes a technique for making existing computer applications available to users from a standard Web browser, over the Internet or a private intranet. It describes an infrastructure for Web serving based on WebSphere for OS/390, Java for OS/390, and MQSeries for OS/390. It also...

REDP002700 | IBM REDBOOKS | 01-MAR-2000

47. **Method to display, modify, and collaborate on files of any format type in a cloud-like environment** ☆ 3

The paper introduces a method to view and edit different type of document files in different terminal without installing related application of the file. The major point of the method is to open the files in server side and leverage video to display it in different terminals like mobile, pad and so...

IPCOM000233221D | THE IP.COM JOURNAL | 02-DEC-2013 | The IP.com Prior Art Database

48. **How to build a multirendering engine application using opensource software and web 2.0 standard** ☆ 3

Disclosed is a system and method to build a multi-rendering engine application using open source software and web 2.0 standards.

IPCOM000191476D | THE IP.COM JOURNAL | 05-JAN-2010 | The IP.com Prior Art Database

49. **A Method For Efficient Web Content Transfer To Improve Internet Navigation Performance** ☆ 3

It has been noted that reducing Round Trip Time (RTT) in data transfers produce improved web navigation performance gains than increasing network bandwidth. This disclosure describes a method to reduce the total RTT when loading web content.

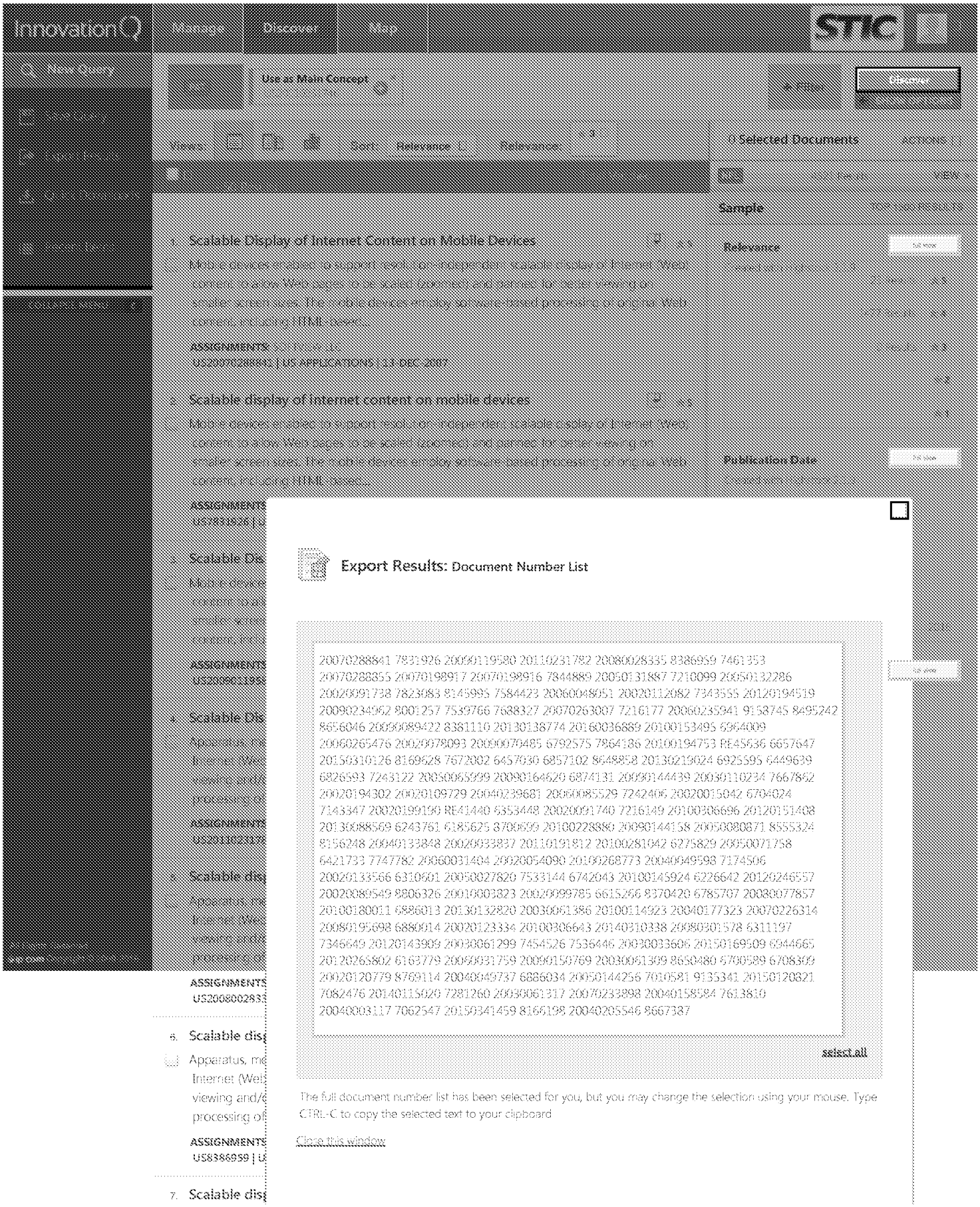
IPCOM000233176D | THE IP.COM JOURNAL | 28-NOV-2013 | The IP.com Prior Art Database

56. **An Introduction to IBM WebSphere Everyplace Suite Version 1.1 Accessing Web and Enterprise Applications**

This IBM Redbooks publication is about building business solutions using the IBM WebSphere Everyplace Suite Version 1.1 product to enable Web and enterprise application access from pervasive computing devices. It helps you to understand this product and focuses on implemented architectures and...

SG24599500 | IBM REDBOOKS | 11-OCT-2000

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Export Results: Document Number List
20070288841 7831926 20090119580 20110231782 20080028335 8386959 7461353
20070288855 20070198917 20070198916 7844889 20050131887 7210099 20050132286
20020091738 7823083 8145995 7584423 20060048051 20020112082 7343555 20120194519
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8656046 20090089422 8381110 20130138774 20160036889 20100153495 6964009
20060265476 20020078093 20090070485 6792575 7864186 20100194753 RE45636 6657647
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6826593 7243122 20050065999 20090164620 6874131 20090144439 20030110234 7667862
20020194302 20020109729 20040239681 20060085529 7242406 20020015042 6704024
7143347 20020199190 RE41440 6353448 20020091740 7216149 20100306696 20120151408
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8156248 20040133848 20020033837 20110191812 20100281042 6275829 20050071758
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7346649 20120143909 20030061299 7454526 7536446 20030033606 20150169509 6944665
20120265802 6163779 20060031759 20090150769 20030061309 8650480 6700589 6708309
20020120779 8769114 20040049737 6886034 20050144256 7010581 9135341 20150120821
7082476 20140115020 7281260 20030061317 20070233898 20040158584 7613810
20040003117 7062547 20150341459 8166198 20040205546 8667387
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Close this window

Mobile devices enabled to support resolution-independent scalable display of Internet (Web) content to allow Web pages to be scaled (zoomed) and panned for better viewing on smaller screen sizes. The mobile devices employ software-based processing of original Web content, including HTML-based...

ASSIGNMENTS: ROHRABAUGH GARY
US7461352 | US PATENTS | 02-DEC-2008

8. **Resolution Independent Vector Display of Internet Content**

Apparatus, methods and software for facilitating 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 server-side processing of HTML-based Web...

ASSIGNMENTS: SOFTVIEW LLC
US20070288855 | US APPLICATIONS | 13-DEC-2007

9. **Resolution independent vector display of internet content**

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 markup...

ASSIGNMENTS: SOFTVIEW LLC
US20070198917 | US APPLICATIONS | 23-AUG-2007

10. **Resolution independent vector display of internet content**

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...

ASSIGNMENTS: SOFTVIEW LLC
US20070198916 | US APPLICATIONS | 23-AUG-2007

11. **Resolution independent display of internet content**

Apparatus, methods and software for creating resolution-independent 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 markup language-based Web...

ASSIGNMENTS: SOFTVIEW LLC
US7844889 | US PATENTS | 30-NOV-2010

12. **Resolution independent vector display of internet content**

Apparatus and methods are provided 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. According to one embodiment, novel server processing of Web content is provided...

ASSIGNMENTS: SOFTVIEW LLC
US20050131887 | US APPLICATIONS | 16-JUN-2005

13. **Resolution independent vector display of internet content**

Apparatus and methods are provided 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. According to one embodiment, novel server processing of Web content is provided...

ASSIGNMENTS: SOFTVIEW LLC
US7210099 | US PATENTS | 24-APR-2007

14. **Resolution independent vector display of internet content**

Apparatus and methods are provided 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. According to one embodiment, novel server processing of

View More Visualizations

Web content is provided...

ASSIGNMENTS: SOFTVIEW LLC
US20050132286 | US APPLICATIONS | 16-JUN-2005

15. **Resolution independent vector display of internet content**

Apparatus and methods are provided 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. According to one embodiment, novel server processing of Web content is provided...

ASSIGNMENTS: SOFTVIEW LLC
US20020091738 | US APPLICATIONS | 11-JUL-2002

16. **Method, browser client and apparatus to support full-page web browsing on hand-held devices**

Method, browser client, and apparatus for enabling users of hand-held devices to perform full page browsing of Web pages with zooming and panning. A proxy or proxy server is used to process HTML-based Web content corresponding to requested Web pages in their original form and generate translated...

ASSIGNMENTS: SOFTVIEW LLC
US7823083 | US PATENTS | 26-OCT-2010

17. **Scalable display of internet content on mobile devices**

Mobile devices enabled to support resolution-independent scalable display of Internet (Web) content to allow Web pages to be scaled (zoomed) and panned for better viewing on smaller screen sizes. The mobile devices employ software-based processing of original Web content, including HTML-based...

ASSIGNMENTS: SOFTVIEW LLC
US8145995 | US PATENTS | 27-MAR-2012

18. **Resolution independent vector display of internet content**

Apparatus and methods are provided 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 (Fig. 1A). According to one embodiment, novel server processing of Web content is...

ASSIGNMENTS: SOFTSOURCE INC
WO2001096985A2 | WIPO APPLICATIONS | 20-DEC-2001

19. **Method, proxy and system to support full-page web browsing on hand-held devices**

Method, proxy, and system for enabling users of hand-held devices to perform full page browsing of Web pages with zooming and panning. A proxy or proxy server is used to process HTML-based Web content corresponding to requested Web pages in their original form and generate translated content that is...

ASSIGNMENTS: ROHRABAUCH GARY
US7584423 | US PATENTS | 01-SEP-2009

20. **Method for rendering formatted content on a mobile device**

ASSIGNMENTS: RSCH IN MOTION LTD
EP1630698B1 | EUROPEAN PATENTS | 07-NOV-2007

21. **Method for rendering formatted content on a mobile device**

A method for transmitting formatted content to a mobile device having a small display screen comprises retrieving a page of formatted content, rendering the page as a graphic such as a JPEG that is sized for display on the small display screen, and transmitting the graphic to the requesting device...

ASSIGNMENTS: BLACKBERRY LTD
US20060048051 | US APPLICATIONS | 02-MAR-2006

22. **Method for rendering formatted content on a mobile device**

A method for transmitting formatted content to a mobile device having a small display screen comprises retrieving a page of formatted content, rendering the page as a graphic such as a

JPEG that is sized for display on the small display screen, and transmitting the graphic to the requesting device...

ASSIGNMENTS: RSCH IN MOTION LTD
EP1630689A1 | EUROPEAN APPLICATIONS | 01-MAR-2006

23. **Method for rendering formatted content on a mobile device**

A method for transmitting formatted content to a mobile device having a small display screen comprises retrieving a page of formatted content, rendering the page as a graphic such as a JPEG that is sized for display on the small display screen, and transmitting the graphic to the requesting device...

ASSIGNMENTS: RSCH IN MOTION LTD [+1]
CA2516906C | CANADIAN PATENTS | 24-NOV-2009

24. **System and method for delivery of documents over a computer network**

A system and method for delivering a document by a first computer to a second computer over a computer network. A method of the present invention includes the steps of decomposing a document into nodes (210) in accordance with a document model of the document, associating the nodes with a virtual...

ASSIGNMENTS: CINCRO COMM CORP
WO2002046946A1 | WIPO APPLICATIONS | 13-JUN-2002

25. **System and method for delivery of documents over a computer network**

A system and method for delivering a document by a first computer to a second computer over a computer network. A method of the present invention includes the following steps: (1) decomposing the document into nodes in accordance with a document model of the document; (2) associating the nodes with...

ASSIGNMENTS: SYMANTEC CORP
US20020112082 | US APPLICATIONS | 15-AUG-2002

26. **System and method for delivery of documents over a computer network**

A system and method for delivering a document by a first computer to a second computer over a computer network. A method of the present invention includes the following steps: (1) decomposing the document into nodes in accordance with a document model of the document; (2) associating the nodes with...

ASSIGNMENTS: SYMANTEC CORP
US7343555 | US PATENTS | 11-MAR-2008

27. **System and method for transferring web page data**

A system and method are disclosed which may include accessing an Internet site by a proxy server; converting image data from the Internet site into a multiresolution representation; and transmitting the image data in said multiresolution representation to a client device.

ASSIGNMENTS: MICROSOFT CORP
WO2006105158A2 | WIPO APPLICATIONS | 05-OCT-2006

28. **System and method for transferring web page data**

A system and method are disclosed which may include accessing an Internet site by a proxy server; converting image data from the Internet site into a multiresolution representation; and transmitting the image data in said multiresolution representation to a client device.

ASSIGNMENTS: MICROSOFT CORP
EP1864222A2 | EUROPEAN APPLICATIONS | 12-DEC-2007

29. **System and method for transferring web page data**

A system and method are disclosed which may include accessing an Internet site by a proxy server; converting image data from the Internet site into a multiresolution representation; and transmitting the image data in said multiresolution representation to a client device.

ASSIGNMENTS: MICROSOFT CORP
CA2599357A1 | CANADIAN APPLICATIONS | 05-OCT-2006

30. **Image Optimization**

Viewing of web pages is improved by prioritizing image rendering based on positioning of images within a web page. For example, for images that are likely to be initially viewable upon presentation of the web page (i.e., prior to scrolling), compressed proxy versions are made available so that the...

ASSIGNMENTS: RADWARE CANADA HLDG INC
US20120194519 | US APPLICATIONS | 02-AUG-2012

31. **Supplying Electronic Content to Networked Appliances**

A system and method communicates data from a web content provider to a wireless computing device (e.g., a PDA, a cellular phone) via a proxy server. The proxy server transforms web content "on-the-fly" into a streamlined format, optimizes it for display, and delivers it to the device, where it is...

ASSIGNMENTS: QUALCOMM INC
US20090234962 | US APPLICATIONS | 17-SEP-2009

32. **Supplying electronic content to networked appliances**

A system and method communicates data from a web content provider to a wireless computing device (e.g., a PDA, a cellular phone) via a proxy server. The proxy server transforms web content "on-the-fly" into a streamlined format, optimizes it for display, and delivers it to the device, where it is...

ASSIGNMENTS: QUALCOMM INC
US8001257 | US PATENTS | 16-AUG-2011

33. **Supplying electronic content to networked appliances**

A system and method communicates data from a web content provider to a wireless computing device (e.g., a PDA, a cellular phone) via a proxy server. The proxy server transforms web content "on-the-fly" into a streamlined format, optimizes it for display, and delivers it to the device, where it is...

ASSIGNMENTS: QUALCOMM INC
US7539766 | US PATENTS | 26-MAY-2009

34. **Visual content browsing with zoom and pan features**

The present invention relates to display of visual content on a client device using server-side rasterization of visual content. Visual content is rendered on a server system, transformed into bitmaps compatible with the display attributes of a client device, and transmitted for display on the...

ASSIGNMENTS: CALLAHAN CELLULAR LLC
US7688327 | US PATENTS | 30-MAR-2010

35. **Visual content browsing with zoom and pan features**

The present invention relates to display of visual content on a client device using server-side rasterization of visual content. Visual content is rendered on a server system, transformed into bitmaps compatible with the display attributes of a client device, and transmitted for display on the...

ASSIGNMENTS: CALLAHAN CELLULAR LLC
US20070263007 | US APPLICATIONS | 15-NOV-2007

36. **Apparatus and method for supplying electronic content to network appliances**

A system and method communicates data from a web content provider to a wireless computing device (e.g., a PDA, a cellular phone) via a proxy server. The proxy server transforms web content "on-the-fly" into a streamlined format, optimizes it for display, and delivers it to the device, where it is...

ASSIGNMENTS: HANDSPRING INC [+1]
US7216177 | US PATENTS | 08-MAY-2007

37. **System and method for transferring web page data**

The system and method may include the method comprising: accessing an Internet site through the proxy server, and converting it into a multiresolution representation of the

image data from the Internet site, and transmitting to the client device a plurality of image data resolution representation...

ASSIGNMENTS: マイクロソフト コーポレーション
JP2008535098A | JAPANESE APPLICATIONS | 28-AUG-2008

38. **System and method for transferring web page data**

A system and method are disclosed which may include accessing an Internet site by a proxy server; converting image data from the Internet site into a multiresolution representation; and transmitting the image data in said multiresolution representation to a client device.

ASSIGNMENTS: MICROSOFT TECH LICENSING LLC
US20060235941 | US APPLICATIONS | 19-OCT-2006

39. **System and method for transferring web page data**

ASSIGNMENTS: MICROSOFT CORP
AU2006230233A1 | AUSTRALIAN PATENT DOCUMENTS | 25-OCT-2007

40. **Optimization of media content using generated intermediate media content**

An automatic graphics delivery system that operates in parallel with an existing Web site infrastructure is provided. The system streamlines the post-production process by automating the production of media through content generation procedures controlled by proprietary tags placed by an author...

ASSIGNMENTS: EQUILIBRIUM
US9158745 | US PATENTS | 13-OCT-2015

41. **Automated media delivery system**

An automatic graphics delivery system that operates in parallel with an existing Web site infrastructure is provided. The system streamlines the post-production process by automating the production of media through content generation procedures controlled by proprietary tags placed by an author...

ASSIGNMENTS: AUTOMATED MEDIA PROCESSING SOLUTIONS INC
US8495242 | US PATENTS | 23-JUL-2013

42. **Automated media delivery system**

An automatic graphics delivery system that operates in parallel with an existing Web site infrastructure is provided. The system streamlines the post-production process by automating the production of media through content generation procedures controlled by proprietary tags placed by an author...

ASSIGNMENTS: EQUILIBRIUM
US8656046 | US PATENTS | 18-FEB-2014

43. **Automated Media Delivery System**

An automatic graphics delivery system that operates in parallel with an existing Web site infrastructure is provided. The system streamlines the post-production process by automating the production of media through content generation procedures controlled by proprietary tags placed by an author...

ASSIGNMENTS: BARGER, SEAN [+5]
US20090089422 | US APPLICATIONS | 02-APR-2009

44. **Automated media delivery system**

An automatic graphics delivery system that operates in parallel with an existing Web site infrastructure is provided. The system streamlines the post-production process by automating the production of media through content generation procedures controlled by proprietary tags placed by an author...

ASSIGNMENTS: EQUILIBRIUM
US8381110 | US PATENTS | 19-FEB-2013

45. **Automated media delivery system**

An automatic graphics delivery system that operates in parallel with an existing Web site infrastructure is provided. The system streamlines the post-production process by

automating the production of media through content generation procedures controlled by proprietary tags placed by an author...

ASSIGNMENTS: EQUILIBRIUM AMPS INC
US20130138774 | US APPLICATIONS | 30-MAY-2013

46. **Automated media delivery system**

An automatic graphics delivery system that operates in parallel with an existing Web site infrastructure is provided. The system streamlines the post-production process by automating the production of media through content generation procedures controlled by proprietary tags placed by an author...

ASSIGNMENTS: EQUILIBRIUM AMPS INC [+1]
US20160036889 | US APPLICATIONS | 04-FEB-2016

47. **Automated Media Delivery System**

An automatic graphics delivery system that operates in parallel with an existing Web site infrastructure is provided. The system streamlines the post-production process by automating the production of media through content generation procedures controlled by proprietary tags placed by an author...

ASSIGNMENTS: BARGER, SEAN [+5]
US20100153495 | US APPLICATIONS | 17-JUN-2010

48. **Automated media delivery system**

An automatic graphics delivery system that operates in parallel with an existing Web site infrastructure is provided. The system streamlines the post-production process by automating the production of media through content generation procedures controlled by proprietary tags placed by an author...

ASSIGNMENTS: EQUILIBRIUM AMPS INC [+2]
US6964009 | US PATENTS | 08-NOV-2005

49. **Automated media delivery system**

An automatic graphics delivery system that operates in parallel with an existing Web site infrastructure is provided. The system streamlines the post-production process by automating the production of media through content generation procedures controlled by proprietary tags placed by an author...

ASSIGNMENTS: ROCKY OFFNER NELSON H. [+4]
US20060265476 | US APPLICATIONS | 23-NOV-2006

50. **Automated media delivery system**

An automatic graphics delivery system that operates in parallel with an existing Web site infrastructure is provided. The system streamlines the post-production process by automating the production of media through content generation procedures controlled by proprietary tags placed by an author...

ASSIGNMENTS: ROCKY OFFNER NELSON H. [+4]
US20020078093 | US APPLICATIONS | 20-JUN-2002

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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	(US-20020018072-$ or US-20020021758-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/24 10:55
L2	4	(US-20020032254-$ or US-6675351-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/24 10:55
L3	3	"20010032254".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/24 10:55
L4	4	(US-20020021758-$ or US-20020018072-$ or US-20010032254-$).did. or (US-6675351-$).did.	US-PGPUB; USPAT	OR	ON	2016/03/24 10:55
L5	4	4 & (vector SVG scalable scal$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/24 10:56
L6	4	5 & ((desktop PC computer client (work adj station)) with (pda mobile blackberry (small near4 device) handheld portable tablet Droid))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/24 10:56
L7	4	6 & browser & column & row & (XML HTMl (web near (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/24 10:56
L8	2	7 & ((various plurality many different (in near4 out) toggl$3) adj (zoom$3 enlarg$3 pan$4 siz$3 resiz$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/24 10:56
L9	0	7 & (CSS (cascad$3 same style same sheet))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/24 10:59
L10	14825	(vector SVG scalable scal$3) & (CSS (cascad$3 same style same sheet))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/24 11:00

L11	7284	10 & ((desktop PC computer client (work adj station)) with (pda mobile blackberry (small near4 device) handheld portable tablet Droid))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/24 11:00
L12	1308	11 & browser & column & row & (XML HTMl (web near (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/24 11:00
L13	144	12 & (@pd or @ptad or @prad or @ad or @rlad)<"20010612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/24 11:01
L14	108	13 & ((various plurality many different (in near4 out) toggl$3) with (zoom$3 enlarg$3 pan$4 siz$3 resiz$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/24 11:01
L15	6	13 & ((various plurality many different (in near4 out) toggl$3) adj (zoom$3 enlarg$3 pan$4 siz$3 resiz$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/24 11:01
L16	114430	(g06f17/30905, g06f17/30861, g06f17/30902, g06f17/30899, g06f17/3089, h04l67/04, h04l67/2823, h04l67/02).cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/24 11:11
L17	15748	715/800-825.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/24 11:12
L18	129505	16 17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/24 11:12
L19	19650	18 & (vector SVG scalable scal$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/24 11:12
L20	1032	19 & ((various plurality many different (in near4 out) toggl$3) adj (zoom$3 enlarg$3 pan$4 siz$3 resiz$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/24 11:12
L21	163	20 & browser & column & row & (XML HTMl (web near (page document)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/24 11:13
L22	112	21 & ((desktop PC computer client (work adj station)) with (pda mobile blackberry (small near4 device) handheld portable tablet Droid))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/24 11:13

L23	9	22 & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/24 11:13
L24	27	22 & css	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/03/24 11:14
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	12941106	ROHRABAUGH ET AL.
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CPC						
Symbol					**Type**	**Version**
G06F		17	/	30905	F	2013-01-01
G06F		3	/	0481	A	2013-01-01
G06F		17	/	30899	A	2013-01-01
G06F		17	/	30902	A	2013-01-01
G06F		2212	/	1048	A	2013-01-01
H04L		67	/	02	A	2013-01-01
G06F		17	/	30861	A	2013-01-01
G06F		17	/	3089	A	2013-01-01
G06F		9	/	4443	I	2013-01-01
G09G		5	/	24	A	2013-01-01
G09G		2340	/	0407	A	2013-01-01
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CPC Combination Sets							
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NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	22	
/QUOC A TRAN/ Primary Examiner.Art Unit 2177	03/28/2016	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	4c

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US ORIGINAL CLASSIFICATION		INTERNATIONAL CLASSIFICATION									
CLASS	SUBCLASS	CLAIMED					NON-CLAIMED				
		G	0	6	F	17 / 00 (2006.01.01)	G	0	6	F	17 / 00 (2006.01.01)

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CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					

NONE		Total Claims Allowed:	
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G06F 17/30905	7/20/2015	QT
G06F 2212/1048	7/20/2015	QT
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G06F 17/30861, 17/30902, 17/30899, 17/3089	3/28/2016	QT
H04L 67/04, 67/2823 & 67/02	3/28/2016	QT

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Class	Subclass	Date	Examiner
715	249	4/7/2012	QT
715	234, 705, 800-825	4/7/2012	QT
Updated	Updated	3/10/2013	QT
715	760, 762, 764, 767, 781, 788, 796 and 800-802	12/1/2014	QT
Updated	Updated	7/20/2015	QT
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Text Search 715/249, 234, 708 and 800-825	4/7/2012	QT
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INTERFERENCE SEARCH			
US Class/ CPC Symbol	**US Subclass / CPC Group**	**Date**	**Examiner**
G06F	17/30905, 17/30861, 17/30902. 17/30899 & 17/3089	3/28/2016	QT
G06F	2212/1048	3/28/2016	QT
G06F	3/0481	3/28/2016	QT
H04L	67/04, 67/2823 & 67/02	3/28/2016	QT
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Scene transitions in a zoomable user interface using a zoomable markup language
FA Hunleth, S Scheirey, CWK Gritton - US Patent 8,924,889, 2014 - Google Patents
... FIG. 26 illustrates a toolkit **screen** usable to **create** scenes using ZML extensions according to ... described below under the heading "ZML" which provide a framework for **creating** such an ... user interface that supports the point, click, scroll, hover and **zoom building** blocks which are ...
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[BOOK] Adobe Illustrator CC Classroom in a Book
B Wood - 2013 - books.google.com
... 183 Using the Color Picker to **create** color . . . . 259 **Creating** a clipping mask . . . . 289 Releasing **content** from perspective . . . .
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Intégration d'une couche spatiale dans l'architecture du **Web** sémantique: une proposition via la plateforme ArchaeoKM [PDF] from archives-ouvertes.fr
A Karmacharya - 2011 - tel.archives-ouvertes.fr
... Figure 3.5: A **vector** representation of a real world scenario ..... 56 ... Though the **Internet** technologies have taken a huge leap forward since it evolved but the fact is the ... The **Web** Ontology Language (OWL)] (Bechhofer, et al., 2004); (Patel- ...
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[BOOK] Photoshop restoration & retouching
K Eismann, W Palmer - 2006 - books.google.com
... In other words, if I can **create** a **better** picture by fixing the lighting, hiring a professional ... the book's **Web site**, www.digitalretouch.org, and with the book in hand, re-**creating** my steps. ... My teaching and chapter structure serve the purpose of **building** up the tools and tech- niques in ...
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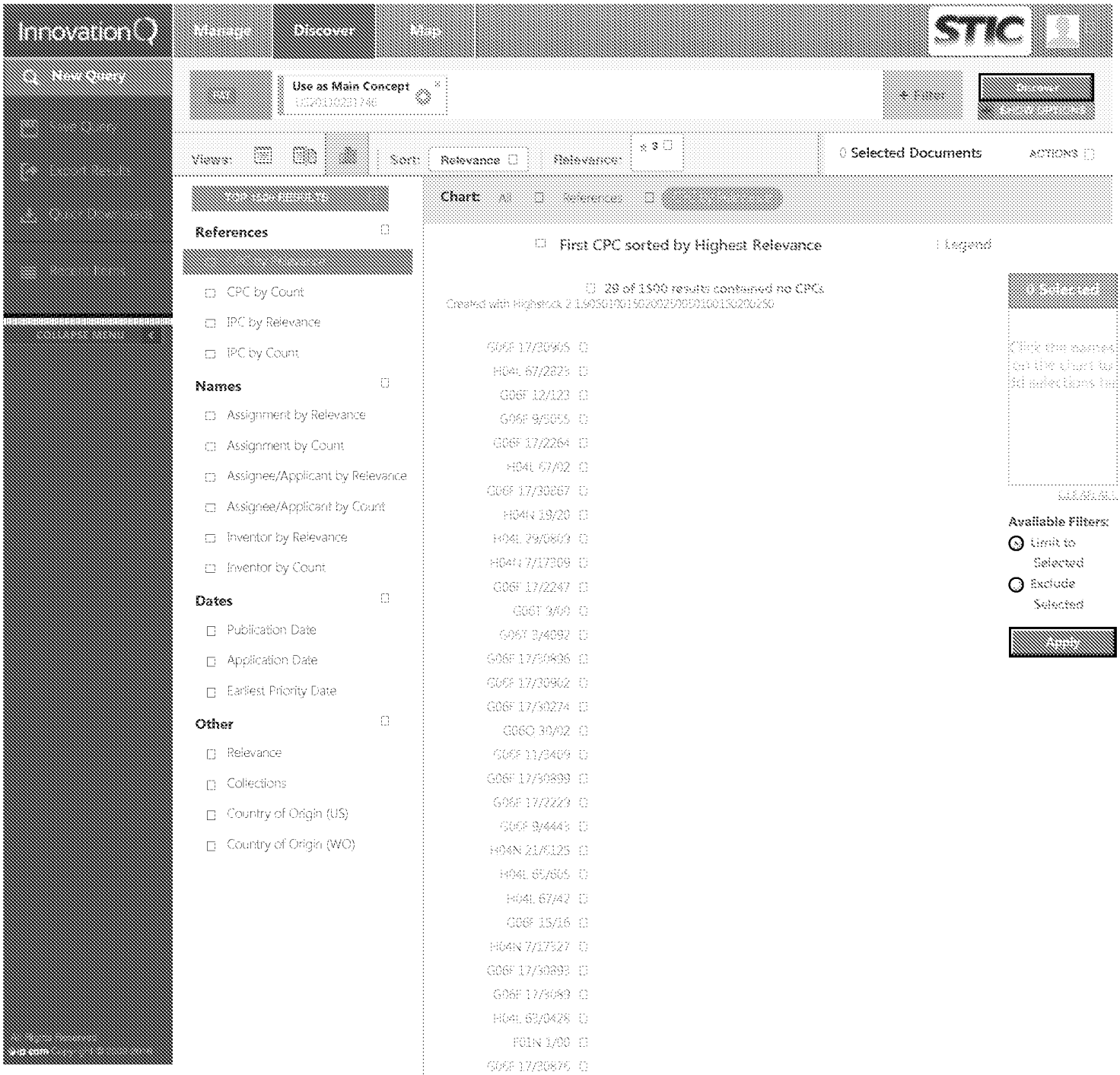
Video codec systems and methods for optimal motion **vector** with variable size blocks
LP Hurd, JH Elton - US Patent 8,351,509, 2013 - Google Patents
... between distortion and rate, **allows** description of a video bitstream in a **resolution-independent** fashion, and ... The original Huffman code is discarded and a new one is **created** based solely ... However, utilizing this process may, in some instances, **make** it difficult to employ speed ...
Cited by 4 Related articles All 3 versions Cite Save

[BOOK] Flash MX 2004 Games: Art to ActionScript
N Lever - 2012 - books.google.com
... Figure 1.13 **Creating** a symbol 6 Page 20. ... Each bat uses the same symbol, with the left bat flipped horizontally by using 'Modify/Transform/Flip Horizontal' to **create** the right bat. ... Remember that we **created** a symbol, and we chose to **make** this symbol a 'Movie Clip'. ...
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[BOOK] An Introduction to Digital Imaging with Photoshop 7
P Krejcarek - 2002 - books.google.com
... be to assimilate computer skill in the process of being creative.The process of **creating** and learning ... of "fair use." To highlight what is possible when using the computer to **create** images, Chapter 3 ... The scanner then digitizes the image and displays it electronically on the **monitor**. ...
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H04L 29/0869
H04N 7/17309
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H04L 65/605
H04L 67/42
G06F 15/16
H04N 7/17327
G06F 17/30893
G06F 17/3089
H04L 67/0428
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G06F 17/30876
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G06F 17/30569
G06T 11/60
G06F 17/2235
G06F 3/04897
H04L 29/06027
H04L 29/06
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G06F 17/30056	☐
H04N 21/4307	☐
G06Q 30/00	☐

EAST Search History

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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		"7082476" "20140115020" "7281260" "20030061317" "20070233898" "20040158584" "7613810" "20040003117" "7062547" "20150341459" "8166198" "20040205546" "8667387"				
L20	11386	715/800-825.ccls.	US-PGPUB; USPAT	OR	OFF	2016/03/24 09:34
L21	11386	715/800-825.ccls.	US-PGPUB; USPAT	OR	OFF	2016/03/24 09:35
L22	1569865	(pda mobile handheld smartphone)	US-PGPUB; USPAT	OR	OFF	2016/03/24 09:35
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L26	1032	(vector SVG scalable) & (span$4 zoom$4 enlag$3) & browser & column & row & (XML HTMl (web near "L4" (page document))) & (browser same (render$4 rerender$3 digest$3 redigest$3 author$3 reauthor$3))	US-PGPUB; USPAT	OR	OFF	2016/03/24 09:36
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L42	1058695	"41" & (@pd or @ptad or @prad or @ad or @rlad)<"20000612"	US-PGPUB; USPAT	OR	OFF	2016/03/24 10:18
L55	2	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2016/03/24 10:32

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Examiner-Initiated Interview Summary	Application No.	Applicant(s)	
	12/941,106	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) *Bob Redjaian (Attorney)*. (4)_____.

Date of Interview: *28 March 2016*.

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: *1-32*.

Identification of prior art discussed: *N/A*.

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 1 and 21 are independent claims. Claims 1, 5, 8, 16, 21 and 30 have been amended. Claims 2-4 and 7 were original. Claims 9, 11, 17, 22-24, 26-29 and 31-32 were previously presented. Claims 6, 10, 12-15, 18-20 and 25 are cancelled. The claims have 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/ Primary Examiner, Art Unit 2177	

Reading Machines
J Lacan - Ex-foliations: Reading Machines and the Upgrade Path, 2009 - books.google.com
... recreation of a particular reading of architectural history—an "almost forgotten process of **building**" and "a ... The sec- ond lesson, on remembering architecture, also **created** using early mod- ern tools and ... of the images in the uncut leaves of the first edition and to **make** it easier to ...
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[BOOK] Flash MX games: ActionScript for artists [DOC] from wfu.edu
N Lever - 2003 - books.google.com
... Now that we have **created** a layer to store the ball artwork, **make** sure that this layer is ... **Creating** the b0" Take a look at Figure 1.4: here the ring highlights the tool that you should select. ... a pre-defined palette or you can use the mixer panel, 'Windows/Color Mixer', to **create** a new ...
Cited by 1 Related articles All 4 versions Cite Save More

[BOOK] An investigation into the generation, encoding and retrieval of CCTV-derived knowledge [PDF] from kingston.ac.uk
JAG Annesley - 2008 - dircweb.kingston.ac.uk
... timetres (px/cm) shown with calibration points (blue blobs) and the interpolated data as a line (middle); the manually **created** oc- ... **displayed** (top). A closeup of one individual is shown. The second ... Part of the process of **building** such a **content** description interface involves the ...
Cited by 1 Related articles All 6 versions Cite Save More

[PDF] Quarterly Progress Scientific Report [PDF] from academia.edu
T Dutoit, B Macq - academia.edu
... gestures or voice for the intra-relationship. CO- MEDIA aims at **creating** interactivity between ... frames are then time-**scaled** (eg, time-compressed) and appended to **create** the synthesized ... frequency bins, the so-called loss of vertical phase coherence, that **creates** phasiness and ...
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British Association of Clinical Anatomists, New York City, NY, July 19–22, 2005
CC ALLMAN, WD DAVENPORT... - Clinical ..., 2005 - Wiley Online Library
... These models were exported into Swift 3D2 where they were transformed into **vector** images, which ... Randomized block quizzes were generated from question pools **created** for each lab. ... The course was advertised to the medical doctors of Padova through the **web site** of the ...
All 3 versions Cite Save

Impact of radiometric calibration and specifications of spaceborne optical imaging sensors on the development of operational automatic remote sensing image ... [HTML] from infona.pl
A Baraldi - Selected Topics in Applied Earth Observations and ..., 2009 - ieeexplore.ieee.org
... 3CEOS was **created** in 1984 in response to a recommendation by the Economic Summit ... observational data products are accurately cal- ibrated it is vital that **building** blocks of ... Traditionally, the biggest obstacles to **creating** effective onboard calibration systems are the timeliness ...
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	12/941,106
Filing Date	November 8, 2010
First Named Inventor	Gary B. Rohrabaugh
Art Unit	2177
Examiner Name	Tran, Quoc A.
Attorney Docket Number	161539-P001XC3C

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 5966135 A	10-12-1999	Roy et al.	
		US- 6593944 B1	07-15-2003	Nicolas et al.	
		US- 7181438 B1	02-20-2007	Szabo	
		US- 7219309 B2	05-15-2007	Kaasila et al.	
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FOREIGN PATENT DOCUMENTS

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Examiner Signature	/Quoc Tran/	Date Considered	03/24/2016

*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] See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /Q.T./

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12941106	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	04/07/2012	03/10/2013	12/01/2014	07/20/2015	03/28/2016				
1	1	✓	✓	✓	✓	=				
2	2	✓	✓	✓	✓	=				
3	3	✓	✓	✓	✓	=				
4	4	✓	✓	✓	✓	=				
5	5	✓	✓	✓	✓	=				
	6	✓	✓	-	-	-				
6	7	✓	✓	✓	✓	=				
7	8	✓	✓	✓	✓	=				
8	9	✓	✓	✓	✓	=				
	10	✓	✓	-	-	-				
9	11	✓	✓	✓	✓	=				
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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
12/941,106	11/08/2010	2177	807	161539-P001XC3C	12	1

CONFIRMATION NO. 9016

CORRECTED FILING RECEIPT

29000
IRELL & MANELLA LLP
840 NEWPORT CENTER DR.
SUITE 400
NEWPORT BEACH, CA 92660

OC000000088499303

Date Mailed: 10/17/2016

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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;

Assignment For Published Patent Application

SoftView L.L.C., Bellingham, 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 11/738,486 04/21/2007 PAT 7831926
which 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

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.

Permission to Access Application via Priority Document Exchange: No

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The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 12/941,106**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES

Preliminary Class

715

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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 (1-866-999-4258).

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).

SelectUSA

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 U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop

technology, manufacture products, deliver services, and grow your business, visit http://www.SelectUSA.gov or call +1-202-482-6800.

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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.
12/941,106	11/08/2010	Gary B. Rohrabaugh	161539-P001XC3C	9016

29000 7590 10/20/2016

IRELL & MANELLA LLP
840 NEWPORT CENTER DR.
SUITE 400
NEWPORT BEACH, CA 92660

EXAMINER	
TRAN, QUOC A	

ART UNIT	PAPER NUMBER
2177	

NOTIFICATION DATE	DELIVERY MODE
10/20/2016	ELECTRONIC

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.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patents@irell.com
slangworthy@irell.com

Corrected ***Notice of Allowability***	**Application No.** 12/941,106	**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 *Printer Rush dated 10/15/2016* .

   ☐ 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 *1-5, 7-9, 11, 32, 16-17, 31, 21-24 and 26-30 (renumbering as 1-22 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 _____
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 _____.

/QUOC A TRAN/
Primary Examiner, Art Unit 2177

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY.DOCKET NO./TITLE	REQUEST ID
12/941,106	11/08/2010	Gary B. Rohrabaugh	161539-P001XC3C	27837

Acknowledgement of Loss of Entitlement to Entity Status Discount

The entity status change request below filed through Private PAIR on 11/02/2016 has been accepted.

CERTIFICATIONS:

Change of Entity Status:

X Applicant changing to regular undiscounted fee status.

NOTE: Checking this box will be taken to be notification of loss of entitlement to small or micro entity status, as applicable.

This portion must be completed by the signatory or signatories making the entity status change in accordance with 37 CFR 1.4(d)(4).

Signature:	/Ben J. Yorks/
Name:	Ben J. Yorks
Registration Number:	33609

Electronic Patent Application Fee Transmittal

Application Number:	12941106
Filing Date:	08-Nov-2010
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Gary B. Rohrabaugh
Filer:	Babak Redjaian/Susan Langworthy
Attorney Docket Number:	161539-P001XC3C

Filed as Large Entity

Filing Fees for Utility under 35 USC 111(a)

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:				
UTILITY APPL ISSUE FEE	1501	1	960	960

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension-of-Time:				
Miscellaneous:				
			Total in USD ($)	**960**

Electronic Acknowledgement Receipt	
EFS ID:	27401151
Application Number:	12941106
International Application Number:	
Confirmation Number:	9016
Title of Invention:	SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE 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-P001XC3C
Receipt Date:	02-NOV-2016
Filing Date:	08-NOV-2010
Time Stamp:	16:58:59
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	$960
RAM confirmation Number	110316INTEFSW00003810090946
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

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	95997 4bf105f074f38d7a05e6e0811333a7486185c6b3	no	1
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30921 7ac61efe636e465b737ae5b2bb6db26be92793c6	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	126918		

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.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
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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 10/13/2016
IRELL & MANELLA LLP
840 NEWPORT CENTER DR.
SUITE 400
NEWPORT BEACH, CA 92660

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.

Susan Langworthy	(Depositor's name)
/Susan Langworthy/	(Signature)
November 2, 2016	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/941,106	11/08/2010	Gary B. Rohrabaugh	161539-P001XC3C	9016

TITLE OF INVENTION: SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	~~SMALL~~ LARGE	~~$480~~ $960	$0	$0	~~$480~~ $960	01/13/2017

EXAMINER	ART UNIT	CLASS-SUBCLASS
TRAN, QUOC A	2177	715-517000

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 Irell & Manella LLP
2 Babak Redjaian
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 L.L.C.

(B) RESIDENCE: (CITY and STATE OR COUNTRY): Bellingham, Washington

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 credits 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 forms 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: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /Babak Redjaian/ Date Nov. 2, 2016
Typed or printed name Babak Redjaian Registration No. 42,096

PTOL-85 Part B (10-13) Approved for use through 10/31/2013. OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	12941106
	Filing Date	2010-11-08
	First Named Inventor	Gary B. Rohrabaugh
	Art Unit	2177
	Examiner Name	Quoc A. Tran
	Attorney Docket Number	161539-0002(P001XC3C)

	1					

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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	05-346923	JP		1993-12-27	Wada		☐
	2	2001-022496	JP		2001-01-26	Abe		☐
	3	99/37095	WO		1999-07-22	Simons		☐
Change(s) applied to document, /C.C.B./ 10/31/2016	4	~~00/285518~~ 00/28518	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)	☐

EFS Web 2.1.17 ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /Q.T./

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United States Patent and Trademark Office
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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/941,106	12/13/2016	9519729	161539-P001XC3C	9016

29000 7590 11/22/2016

IRELL & MANELLA LLP
840 NEWPORT CENTER DR.
SUITE 400
NEWPORT BEACH, CA 92660

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 162 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.

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
12/941,106	**02/25/2025 06:52:23 PM Z ET**	**161539-P001XC3C**

Title of Invention

SCALABLE DISPLAY OF INTERNET CONTENT ON MOBILE DEVICES

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	9519729
CONFIRMATION #	9016	FILED BY	Alan Burnett
PATENT CENTER #	69335082	FILING DATE	11/08/2010
CUSTOMER #	29000	FIRST NAMED INVENTOR	Gary B. Rohrabaugh
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	-

Documents

TOTAL DOCUMENTS: 2

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
sb0081a_POA_Patent_9519729_signed.pdf	1	Power of Attorney	400 KB
9519729_sb0096_Statement_Under_37_CFR_3.73b_2024_signed.pdf	1	Assignee showing of ownership per 37 CFR 3.73	413 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
sb0081a_POA_Patent_9519729_signed.pdf	CA3DEA4128C01AF88070E5AFEA8A40112123E3A695D032CD0F513AB01A189B867943B48F4EDB2D5075DB7E8C05976464874FA68D3BF3A8D0AF49617F3FBD22B9

9519729_sb0096_Statement_Under_37_CFR_3.73b_2024_signed.pdf	7B8363E4BF32BB569B4C128245F87019D4B8C39DF26F9A567874860C0C890C9A708007E88A1B5DD15B2EE843FD9D589AAB1935B3F3AC90938B7CEACDD8A39073

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/81A (12-08)
Approved for use through 08/30/2025. 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	9519729
Issue Date	December 13, 2016
First Named Inventor	Gary B. Rohrabaugh
Title	Scalable Display of Internet Content on Mobile Devices
Attorney Docket No.	161539-P001XC3C

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	3/26/25
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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PTO/SB/96 (11-18)
Approved for use through 11/30/2020. OMB 0651-0031
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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: SoftView L.L.C.

Application No./Patent No.: 9519729 Filed/Issue Date: December 13, 2016

Titled:
Scalable Display of Internet Content on Mobile 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. ☒ 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 069660, Frame 0046, 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.

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.**

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
12/941,106	11/08/2010	Gary B. Rohrabaugh	161539-P001XC3C

CONFIRMATION NO. 9016

29000
Irell & Manella LLP
840 Newport Center Dr., Ste. 400
Newport Beach, CA 92677

POWER OF ATTORNEY NOTICE

OC000000085601459

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/

UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/941,106	11/08/2010	Gary B. Rohrabaugh	161539-P001XC3C

CONFIRMATION NO. 9016

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

POA ACCEPTANCE LETTER

OC000000085601470

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/