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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	177720-200108/US
		Application Number	
Title of Invention	Search Engine		
<p>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.</p> <p>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.</p>			

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☐ 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.)

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	177720-200108/US
		Application Number	
Title of Invention	Search Engine		

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Customer Number	64494		
Email Address	gtipmail@gtlaw.com	Add Email	Remove Email

Application Information:

Title of the Invention	Search Engine		
Attorney Docket Number	177720-200108/US	Small Entity Status Claimed	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	17	Suggested Figure for Publication (if any)	

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For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

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 I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in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). Either enter 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	64494		

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	177720-200108/US
		Application Number	
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Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim 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.

When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	Pending		Remove		
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
	Continuation of	15142479	2016-04-29		
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
15142479	Continuation of	13420503	2012-03-14	9338215	2016-05-10
Prior Application Status	Expired		Remove		
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
13420503	Claims benefit of provisional	61452595	2011-03-14		
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Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)	Remove
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Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	177720-200108/US
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☐ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.

NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	177720-200108/US
		Application Number	
Title of Invention	Search Engine		

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When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	177720-200108/US
		Application Number	
Title of Invention	Search Engine		

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Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.			
Applicant 1		<input type="button" value="Remove"/>	
<p>If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.</p>			
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If the Applicant is an Organization check here. ☒			
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		Application Number	
Title of Invention	Search Engine		

Assignee	1			
Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.				
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See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/John Ward/		Date (YYYY-MM-DD)	2019-01-14
First Name	John	Last Name	Ward	Registration Number
				40,216
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		Application Number	
Title of Invention	Search Engine		

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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UNITED STATES PATENT APPLICATION
FOR

SEARCH ENGINE

INVENTORS:

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SEARCH ENGINE

RELATED APPLICATIONS

[0001] This application is a continuation of U.S. Patent Application No. 15/142,479, filed on April 29, 2016 and entitled “Search Engine”, which is a continuation of, and claims priority to, U.S. Patent Application No. 13/420,503, filed on March 14, 2012 and entitled “Search Engine”, which issued on May 10, 2016 as U.S. Patent No. 9,338,215, which claims the benefit of United States Provisional Application Ser. No. 61/452,595, filed March 14, 2011, the entire disclosure of which applications are incorporated herein by reference.

FIELD

[0002] The present disclosure relates to web content, and more specifically to a search engine.

BACKGROUND

[0003] Web content accessible via the Internet includes web pages, videos, photographs, blogs, news, media, songs, etc. Searching the web for web content is performed by search engines. Search engines, such as GOOGLE® and BING®, typically use bots or web crawlers to follow links in web pages to discover content, index the content, and then sort the indexed content through an algorithm.

SUMMARY

[0004] The process employed by typical search engines to generate search results may not accurately reflect the interest of users on the web. A conventional search engine follows links in web pages to locate web content, indexes the content, and then sorts the indexed content through a complex algorithm which may indirectly take into account the interest of the web users.

[0005] In one aspect, a server computer receives, from a first client computer operated by a first user, an identification of first web content displayed by a web browser of the first client computer in a main browser window. The identification of the first web content is transmitted by the first user to the server computer via a user interface separate from the main browser window. The server computer then indexes the first web content. In response to receiving a search query from a web browser of a second client computer operated by a second user, the

server computer transmits search results to the web browser of the second client computer. The search results include the first web content identified by the first user in a position relative to identifications of other web content received from other users.

[0006] In one embodiment, the receiving of the identification of first web content includes receiving, by the server computer, a rating (e.g., a score or an indication of like, dislike, or neutral) associated with the first web content from the first user. In one embodiment, the receiving of the identification of first web content further includes receiving ratings associated with the other web content from the other users. In one embodiment, the server computer ranks the first web content from the rating in relation to the ratings of the other web content received from the other users. In one embodiment, the indexing of the first web content includes receiving keywords for the first web content. In one embodiment, the receiving of the identification of the first web content further includes receiving, by the server computer from the first client computer, a comment on the first web content. The first web content can be the same as or different than the other web content.

[0007] These and other aspects and embodiments will be apparent to those of ordinary skill in the art by reference to the following detailed description and the accompanying drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

[0010] In the drawing figures, which are not to scale, and where like reference numerals indicate like elements throughout the several views:

[0011] Fig. 1A is a block diagram of a client computer communicating with a server computer over a network in accordance with an embodiment of the present disclosure;

[0012] Fig. 1B is a flowchart illustrating operations performed by the server computer and the client computer to enable a user of the client computer to operate on web content displayed by the client computer in accordance with an embodiment of the present disclosure;

[0013] Fig. 2A is a block diagram of a first client computer and a second client computer communicating with the server computer in accordance with an embodiment of the present disclosure;

[0014] Fig. 2B is a flowchart illustrating operations performed by the server computer to enable a human powered search in accordance with an embodiment of the present disclosure;

[0015] Figs. 3A-3F are exemplary screen shots of a user interface and a plug-in module when a web page is added to the server computer via the plug-in module in accordance with an embodiment of the present disclosure;

[0016] Figs. 4A-4F are exemplary screen shots of the user interface and the plug-in module when a web site is added to the server computer via the plug-in module in accordance with an embodiment of the present disclosure; and

[0017] Fig. 5 is a block diagram illustrating an internal architecture of a computer in accordance with an embodiment of the present disclosure.

DESCRIPTION OF EMBODIMENTS

[0018] Embodiments are now discussed in more detail referring to the drawings that accompany the present application. In the accompanying drawings, like and/or corresponding elements are referred to by like reference numbers.

[0019] Various embodiments are disclosed herein; however, it is to be understood that the disclosed embodiments are merely illustrative of the disclosure that can be embodied in various forms. In addition, each of the examples given in connection with the various embodiments is intended to be illustrative, and not restrictive. Further, the figures are not necessarily to scale, some features may be exaggerated to show details of particular components (and any size, material and similar details shown in the figures are intended to be illustrative and not restrictive). Therefore, specific structural and functional details disclosed herein are not to be interpreted as limiting, but merely as a representative basis for teaching one skilled in the art to variously employ the disclosed embodiments.

[0020] The present disclosure is described below with reference to block diagrams and operational illustrations of methods and devices to select and present media related to a specific topic. It is understood that each block of the block diagrams or operational illustrations, and combinations of blocks in the block diagrams or operational illustrations, can be implemented by means of analog or digital hardware and computer program instructions. These computer program instructions can be provided to a processor of a general purpose computer, special purpose computer, ASIC, or other programmable data processing apparatus, such that the instructions, which execute via the processor of the computer or other programmable data

processing apparatus, implements the functions/acts specified in the block diagrams or operational block or blocks.

[0021] In some alternate implementations, the functions/acts noted in the blocks can occur out of the order noted in the operational illustrations. For example, two blocks shown in succession can in fact be executed substantially concurrently or the blocks can sometimes be executed in the reverse order, depending upon the functionality/acts involved. Furthermore, the embodiments of methods presented and described as flowcharts in this disclosure are provided by way of example in order to provide a more complete understanding of the technology. The disclosed methods are not limited to the operations and logical flow presented herein. Alternative embodiments are contemplated in which the order of the various operations is altered and in which sub-operations described as being part of a larger operation are performed independently.

[0022] Throughout the specification and claims, terms may have nuanced meanings suggested or implied in context beyond an explicitly stated meaning. Likewise, the phrase “in one embodiment” as used herein does not necessarily refer to the same embodiment and the phrase “in another embodiment” as used herein does not necessarily refer to a different embodiment. It is intended, for example, that claimed subject matter include combinations of example embodiments in whole or in part.

[0023] In general, terminology may be understood at least in part from usage in context. For example, terms, such as “and”, “or”, or “and/or,” as used herein may include a variety of meanings that may depend at least in part upon the context in which such terms are used. Typically, “or” if used to associate a list, such as A, B, or C, is intended to mean A, B, and C, here used in the inclusive sense, as well as A, B, or C, here used in the exclusive sense. In addition, the term “one or more” as used herein, depending at least in part upon context, may be used to describe any feature, structure, or characteristic in a singular sense or may be used to describe combinations of features, structures or characteristics in a plural sense. Similarly, terms, such as “a,” “an,” or “the,” again, may be understood to convey a singular usage or to convey a plural usage, depending at least in part upon context. In addition, the term “based on” may be understood as not necessarily intended to convey an exclusive set of factors and may, instead, allow for existence of additional factors not necessarily expressly described, again, depending at least in part on context.

[0024] Fig. 1A is a block diagram of an embodiment of a client computer 105 communicating with a server computer 110 over a network 115 such as the Internet. A user uses a web browser 120 on the client computer 105 to access the Internet. In one embodiment, a web page is transmitted via the network 115 to the client computer 105 for display by the web browser 120 in a main browser window 130. The web browser 120 displays web content 135 in the main window 130 of the web browser 120. The web content 135 is generally received from a third party server different from the server computer 110 without going through the server computer 110. The third party server is generally independent from the server computer 110; and the presentation of the web content from the third party server to the web browser 120 is made without a reference to the server computer 110. However, the techniques described herein also apply to the scenario in which the web content 135 is from the server computer 110.

[0025] In one embodiment, the client computer 105 submits a request to the server computer 110 (e.g., via the web content 135) for a plug-in module 140. The plug-in module 140 may be associated with the web content 135, may be associated with another web page, and/or may be associated with a displayed advertisement. The server computer 110 transmits the plug-in module 140 to the browser 120 (to install the plug-in module 140 on the browser 120). In one embodiment, the plug-in module 140 is installed on the browser to present a user interface element such as a button on a toolbar of the web browser 120 (e.g., the browser toolbar or a third party toolbar) or a menu item in the browser 120, etc.

[0026] The user of the client computer 105 can activate the plug-in module 140 by, for example, selecting the button for the plug-in module 140 (e.g., via a mouse cursor, touching the button, speaking a command, etc.). In one embodiment, upon activation, the plug-in module 140 causes the web browser 120 to display a user interface 150 separate from the main browser window 130 (e.g., a pop-up window). In one embodiment, the user interface 150 displays at least a portion of the web content 155 to the user and enables the user to operate on the displayed web content 155 (and, e.g., generate user content associated with the web content 135, such as a rating, comment, etc. as described below). In one embodiment, the user interface 150 includes one or more buttons 160 to enable the user to operate on the portion of the web content 155. In one embodiment, the plug-in module 140 transmits user content 165 to the server computer 110 (e.g., for indexing).

[0027] For purposes of this disclosure, a computer such as the client computer 105 includes a processor and memory for storing and executing program code, data and software. Computers can be provided with operating systems that allow the execution of software applications in order to manipulate data. Client computer 105 can be any device that can display a website and that can be used by a user. Personal computers, servers, personal digital assistants (PDAs), wireless devices, smartphones, cellular telephones, tablet computers, internet appliances, media players, home theater systems, and media centers are several non-limiting examples of computers.

[0028] For the purposes of this disclosure, the term “server” should be understood to refer to a service point which provides processing, database, and communication facilities. By way of example, and not limitation, the term “server” can refer to a single, physical processor with associated communications and data storage and database facilities, or it can refer to a networked or clustered complex of processors and associated network and storage devices, as well as operating software and one or more database systems and applications software which support the services provided by the server. A number of program modules and data files can be stored on a computer readable medium of the server. They can include an operating system suitable for controlling the operation of a networked server computer, such as the WINDOWS 7, WINDOWS VISTA, or WINDOWS XP operating system published by Microsoft Corporation of Redmond, Washington, or the Ubuntu operating system distributed by Canonical Ltd. of Douglas, Isle of Man.

[0029] In one embodiment, the server computer 110 is a group of servers, such as one server to receive the submitted user content transmitted from the plug-in module 140 and a second server configured to download / install the plug-in module 140 into the user’s web browser 120. In another embodiment, server computer 110 performs both of these functions. In one embodiment, a third server may be present in Fig. 1A representing a third party web server on the Internet (e.g., an online newspaper site, a blog, etc.) that is separate and distinct from server computer 110.

[0030] Fig. 1B is a flowchart illustrating an embodiment of operations performed by the server computer 110 and the client computer 105 to enable a user of the client computer 105 to operate on web content displayed by the browser 120. The user uses the web browser 120 to view and/or listen to web content 135, such as a web page, an audio file, a video, a post, a media file, etc., in main browser window 130 (Operation 170). In one embodiment, the plug-in module 140 is

installed prior to and independent from the web content 135; the installation of the plug-in module 140 and its operation requires no prior arrangement made in the web content 135; and thus, the plug-in module 140 can work with any web content 135 found in the web.

Alternatively, the web content 135 (e.g., a web page associated with the server computer 110) enables the user to install plug-in module 140. In another embodiment, the web content 135 (e.g., a web page) is a third party web page that includes an advertisement to install the plug-in module 140.

[0031] The server computer 110 transmits the plug-in module 140 to the web browser 120 of the client computer 105 (Operation 175) and the client computer 105 receives the plug-in module 140 (Operation 180). In one embodiment, the plug-in module 140 allows the user to remotely log into the server computer 110. Upon activation of the plug-in module 140 (Operation 185), the plug-in module 140 causes the web browser 120 to display user interface 150 separate from the main window 130. In one embodiment, the user interface 150 displays at least a portion of the web content 155 that the web browser 120 is displaying in its main window 130 (Operation 190). For example, the user interface 150 can display representative information of the web content 135, such as a picture, an icon, a sentence, and/or a paragraph in the portion of the web content 155. In one embodiment, the user interface 150 displays notifications, comments, or reviews from other users who have downloaded the plug-in module 140.

[0032] In one embodiment, the user interface 150 automatically selects for display the portion of the web content 155 from the received web content 135. Further, in one embodiment the user of the client computer 105 can provide settings as to what the user interface 150 will display when web content 135 is displayed in the web browser 120 (e.g., display the first few sentences of the web content 135, display the first graphic and first few sentences of web content 135, display the entire web content 135 (e.g., a web page), etc.)

[0033] The plug-in module 140 enables the user to operate on the web content 155. For example, the user can submit a rating for the web content 155 or a comment on the web content 155 (Operation 195) (e.g., user content 165). In one embodiment, the user interface 150 enables the user to post the portion of the web content 155 to a social networking site (e.g., FACEBOOK®). In one embodiment, the user interface 150 displays current discussions related to the web content 155 and enables the user to add the web content 135 to a search engine associated with the server computer 110. In one embodiment, the user can use the user interface

150 to adjust (e.g., add web content to or remove web content from) the portion of the web content 155 displayed by the user interface 150. For example, the plug-in module 140 can transmit the URL of the web content 135 to the server computer 110. The server computer 110 can update what is displayed by or the amount of web content 155 displayed by the user interface 150. In one embodiment, the plug-in module 140 prompts the user to add the web content 135 (e.g., a web page) to the server computer's index so that the web content 135 (e.g., a web page) will be present in future search results. The plug-in module 140 may transmit the URL of the web content 135 (e.g., a web page) to the server computer 110 (which can then extract the web content 135), may transmit the entire web content 135 (e.g., a web page) to the server computer 110, or may transmit a portion of the web content 135 (e.g., a web page) to the server computer 110. In one embodiment, the server computer 110 (or the plug-in module 140) grabs the web page's meta-tags, thumbnail, title, and/or text of the web content 135 (e.g., a web page). In one embodiment, the plug-in module 140 allows the user to add web content 135 (e.g., a web page) to the server computer 110, such as via the user interface 150, a pop-up window, a menu option, right-clicking the webpage itself, via the browser 120, etc. In one embodiment, the plug-in module 140 enables the user to change the web content's tags in case the meta-tags are inaccurate.

[0034] Thus, the user interface 150 enables the user to provide information / content about a third party web content 135 (e.g., a web page) to a web page associated with the plug-in module 140 (and server computer 110) while the third party web content 135 (e.g., a web page) is displayed in web browser 120. This information / user content 165 can include one or more comments, tips, a rating for the web content 155 (e.g., a score for the web content 155), an indication that the user likes or dislikes the web content 155, a recommendation for or on the web content 155, and/or a tag for the web content 155. Further, the user interface 150 can enable the user to attach content to the web content 155, share the web content 155 with others, etc.

[0035] The plug-in module 140 allows the user to act on any web page that is currently being viewed by the user and, in one embodiment, transmits the user-created content (e.g., comments and ratings) in association with an identification of the web content to the server computer 110. After the plug-in module 140 is installed on the web browser 120 (e.g., via an installation web page that directs the user to download the plug-in module 140 for installation), the user can visit any third party web site and click a button associated with the plug-in module 140 to create user

content in association with the third party web site and submit the user content to the server computer 110. The user does not have to visit the web site through the plug-in module 140 or user interface 150 but rather can navigate to the web site using the user's web browser 120. In one embodiment, the plug-in module 140 can be implemented as a built-in module of the web browser 120 (e.g., shipped by Microsoft Corporation as a built-in component of INTERNET EXPLORER®).

[0036] Thus, when a user is looking at a web page (e.g., a news article or a blog entry), and if the user is interested in acting upon it (e.g., to share it, to submit it to the server computer 110 for indexing, or to rank or comment on it), the user can click on the plug-in module button and then work on the user interface 150 that, in one embodiment, populates some of the fields automatically by automatically taking those contents (e.g., snippets) from the web content 135 (e.g., a web page) that the user is currently looking at (e.g., thumbnail image, the lead sentence, etc.). There is no need for any prior arrangement between the web page being acted upon and the plug-in module 140 / server computer 110.

[0037] For example, a blog-related service may use such a plug-in module 140 to assist the blog author that blogs on news articles. When looking at the news article, the user clicks the plug-in button and the user interface 150 shows the blog template that has many fields pre-populated with content from the news article (e.g., a thumbnail icon image, a lead sentence, etc.). Thus, the user does not have to perform the copy and paste manually. The user can work on the user interface 150 to compose the remaining part of the blog entry about the news article, such as rating, comments, etc.

[0038] In one embodiment, the user interface 150 displays advertisements to the user, such as for one or more products. In one embodiment, the advertisements are transmitted to the browser 120 by the server computer 110. Alternatively, a third party advertisement server can transmit advertisements to the user interface 150 for display. In one embodiment, the advertisements may be related to the portion of the web content 155 displayed by the user interface 150. The user interface 150 can also display statistics. For example, the user interface 150 can display statistics associated with the portion of the web content 155, statistics associated with the user (e.g., number of days since the user has downloaded the plug-in module 140, amount of web content that the user has commented on, amount of web content that the user has shared, amount of web content that the user has rated or ranked, number of and/or which other users the user has

followed, number of and/or which other users have followed the user, etc.), statistics about the user interface 150, statistics about the plug-in module 140, statistics about other users associated with the plug-in module 140 (e.g., the number of users who have downloaded the plug-in module 140 and/or the number of users who have downloaded the plug-in module 140 and who have currently activated the plug-in module 140 to view a corresponding user interface), and/or statistics about any other information.

[0039] In one embodiment, the user interface 150 displays advertisements that are posted by other users who have downloaded the plug-in module 140. The advertisements can be, for example, an advertisement for a roommate, an advertisement to sell or buy a product, a classified jobs section, a dating section, etc. Thus, in one embodiment, a product manager at company XYZ can post a job position that is available at XYZ to the users of the plug-in module 140. As another example, suppose one user is using his web browser 120 to search for a new television set. In one embodiment, the plug-in module 140 can detect the user's searching and post an advertisement for a TV that another user in the community (e.g., another user who has downloaded the plug-in module 140) is selling.

[0040] Fig. 2A is a block diagram of an embodiment of a first client computer 205 and a second client computer 210 communicating with the server computer 110 over network 115. Fig. 2B is a flowchart of an embodiment of operations performed by the server computer 110. As described above, in one embodiment the plug-in module is transmitted to web browser 220 of the first client computer 205 and web browser 230 of the second client computer 210. Each web browser 220, 230 is displaying web content 135 as described above. In one embodiment, the user of the first client computer 205 activates the plug-in module, which in turn results in the corresponding user interface being displayed. As described above, the user of the first client computer 205 can act upon the web content displayed by the web browser 220 of the first client computer 205.

[0041] In one embodiment, the user of the first client computer 205 submits an identification of web content 235 to the server computer 110. In one embodiment, the submitting of this identification of web content 235 occurs when the user submits (via the user interface 150) a URL of the web page being displayed in the main window of the web browser 220 to the server computer 110. In one embodiment, the submitting of this identification of web content 235 occurs when the user submits user content 165 as described above, such as the user submitting a

rating or ranking of the web content displayed by the web browser 220 in its main window 130, a user submitting a thumbnail version of a picture from the web content, a sentence from the web content, and/or a link to the web content. The first client computer 205 transmits the identification of web content 235 to the server computer 110.

[0042] In one embodiment, the server computer 110 receives, from the first client computer 205, the identification of web content 235 (Operation 255). The server computer 110 indexes the web content (Operation 260) for, for example, inclusion in search results. In one embodiment, the server computer 110 receives a rating for the web content from the first client computer 205 (Operation 265), such as receiving a rating that has been provided by the user in the user interface displayed by the plug-in module. The server computer 110 also receives ratings from other users for other web content displayed by other user interfaces (Operation 270). In one embodiment, if operation 260 has already been completed (i.e., the web content has already been indexed by the server computer 110, the first client computer 205 can comment on, provide ratings for, submit, etc. the web content. In one embodiment, the server computer 110 then ranks the web content from its rating in relation to the ratings of the other web content received from other users (Operation 275). In one embodiment, the user of the second client computer 210 transmits a search query 282 to the server computer 110. The server computer 110 receives the search query 282 (Operation 280) and transmits search results 290 to the second client computer 210. In one embodiment, the search results 290 include identification of web content (e.g., a link to the web content) and associated user content (Operation 285). In one embodiment, the search results 290 include web content in an order associated with the ranking and/or ratings associated with the web content received by the server computer 110. Thus, unlike other search engines, such as GOOGLE® and BING®, which use bots / web crawlers to follow links in web pages to discover content and then sort the indexed content through an algorithm, the ranking of the web content in the search results 290 is based on human input (e.g., human ratings, such as like, dislike, or neutral). Thus, the human input affects the search results in real time. In one embodiment, the more people recommend a web page, the higher it shows up on a related search.

[0043] For example, the search results may be a page similar to GOOGLE® search result, where a list of results are shown, each having a snippet of the respective web content, the aggregated user rating, links to respective web content and the user comments, etc.

[0044] In one embodiment, the human user may specify a few keywords for the content identified by the user, and the content is indexed using the human identified keywords. Human users may comment on the content, which augments the original content. In one embodiment, the user interface allows a user to search for web pages and/or user added content via tags. Search results can be presented according to categories of the content and/or sorted according to some criteria. In one embodiment, the search results 290 are displayed to the user by the plug-in module in the user interface.

[0045] Thus, the search results 290 may change in real time, as they depend off of human input (e.g., rating, recommending, tipping, commenting, sharing, adding user content such as pictures, etc.) and not on links or a web crawler.

[0046] For example, in one embodiment the web content 135 comes from NYTimes.com or CNN.com which has no relation with server computer 110. When a user is browsing a CNN.com page and finds an interesting article at CNN.com/xyz.html, shown as the web content 135 in the main window 130 of the browser 220 in a typical browsing experience, the user may click the plug-in icon to call the plug-in module 140 into action. The plug-in module 140 gets the address of the web content 135 - CNN.com/xyz.html - from the browser 220. The plug-in module 140 then gets the article either from the main browser window 130, or directly from CNN web server, or sends the address back to the server computer 110 to ask the server computer 110 to get the article from CNN.com/xyz.html. The address is used to obtain a snippet of the web content 155 (e.g., a thumbnail version of a picture from the article, a sentence or two from the article, a few keywords, etc.). The snippet 155 is populated into the user interface 150 to help the user create a "blog-entry" like submission to the server computer 110 to index the article with user content 165 (e.g., user selected keywords, rating, comments). The user does not have to do a copy/paste to create the submission. Once the article is indexed in the server computer 110, other users can search to find the article and view the user content 165 and add more user content 165 (e.g., their ratings and comments).

[0047] In one embodiment, once a web page has been added into the system (e.g., indexed by the server computer 110), it has no "positive rating" or "negative rating" by default. In this state, it has zero score. In one embodiment, ratings increase the score of a webpage. For example, a positive rating increases the score of a webpage by 1; and a negative rating increases the score of a webpage by 0.2. Other scores can also be used to differentiate the positive rating and negative

rating. In one embodiment, items with more score are ranked higher up on the search results 290. These scores can be adjusted to improve search accuracy. In one embodiment, if two web pages have an equal score, the server computer 110 decides which web page shows up higher based on a number of factors, such as tags, keywords, word combinations, frequency, etc. In one embodiment, by letting users control what articles they like, the server computer 110 delivers a more social search experience as well as cut down on spam.

[0048] For each web item (web content) (e.g., a web site, a video, a web page) hosted on the web/internet (typically not on the server computer 110), the server computer 110 allows its users to create user content 165, which typically includes a snippet or portion of the web content 155 (such as one or sentences from the web content 135, one or more thumbnail images of the web content 135, etc.). The snippet 155 is not generated until a user submits it to the server via the plug-in module 140. The user content 165 may further include a set of tags/keywords. The plug-in module 140 and/or the server 110 may automatically select the snippet and the tags/keywords 155 for the user, by processing the web content 135 in an automated way. The snippet and/or the tags/keywords 155 suggested by the plug-in module 140 and/or the server computer 110 may be modified by the user via the user interface 150 of the plug-in module 140. The snippet 155 is stored on the server computer 110 (as part of the user content 165 associated with the web content 135); and in one embodiment the user content 165 has a link to the web content 135, which allows the users of the server computer 110 to follow the link to see the actual/current version of the web content 135 that is on the web (typically not on the server computer 110). One or more users can add additional contents to the "user content" 165 associated with the web content 135, such as a vote/rating, and a comment. The first user submitting the snippet and/or tags/keywords can submit this information with his/her rating/vote and comment.

[0049] In one embodiment, if a second user uses the second client computer 210 that has the plug-in installed to visit the web content that has an associated user content (e.g., a snippet, a set of votes by different users and comments) in the server computer 110, the browser plug-in module shows the availability of the user content (e.g., the numbers of comments the server computer 110 stores for the web content displayed in the main window and the counts of up votes and down votes) and the second user can click on the browser plug-in module to activate a user interface to view the user content and/or provide additional user content. The second user

may use a search page of the server computer and/or the user interface of the plug-in module to search, based on the tags, to discover the web content and then view the user content using the plug-in module.

[0050] Figs. 3A-3F are exemplary screen shots of the user interface and the plug-in module when a web page is added to the server computer 110 (e.g., added to be indexed for search results) via the plug-in module. In Fig. 3A, screen shot 305 shows web content 310 being displayed by web browser 315. The user has activated the plug-in module via plug-in module button 320, which results in user interface 325 being displayed. Screen shot 305 shows the user interface 325 enabling the user to log in via log-in input areas 330, 335. Fig. 3B shows a screen shot 340 illustrating the user interface 325 that includes a portion of the web content 345 associated with web content 310. The user in screen shot 340 can enter in a comment relating to the portion of the web content 345. Fig. 3C shows a screen shot 350 that includes user interface 325 having a comment 355 from the user about the portion of the web content 345. The user has indicated that he/she “likes” the web content 345. Fig. 3D is a screen shot 360 of user interface 325 displaying two comments, the like comment 355 and a dislike comment 365. Fig. 3E shows a screen shot 370 with user interface 325 displaying contacts 375 that the user can share the web content 345 with. Fig. 3F shows a screen shot 380 with user interface 325 indicating via notification 385 that the user has shared the web content 345 with two people.

[0051] Figs. 4A-4F are exemplary screen shots of the user interface and the plug-in module when a web site is added to the server computer 110 (e.g., added to be indexed for search results) via the plug-in module. In Fig. 4A, screen shot 405 shows web site 410 being displayed by web browser 415. The user has activated the plug-in module via plug-in module button 420, which results in user interface 425 being displayed. Screen shot 405 shows the user interface 425 enabling the user to log in via log-in input areas 430, 435. Fig. 4B shows a screen shot 440 illustrating the user interface 425 that includes a portion of the web site content 445 associated with web site 410. The user in screen shot 440 can enter in a comment relating to the portion of the web content 445. Fig. 4C shows a screen shot 450 that includes user interface 425 having a comment 455 from the user about the portion of the web site content 445. The user has indicated that he/she “likes” the web site content 445. Fig. 4D is a screen shot 460 of user interface 425 displaying two comments, the like comment 455 and a dislike comment 465. Fig. 4E shows a screen shot 470 with user interface 425 displaying contacts 475 that the user can share the web

site content 445 with. Fig. 4F shows a screen shot 480 with user interface 425 indicating via notification 485 that the user has shared the web site content 445 with two people.

[0052] Fig. 5 is a block diagram illustrating an internal architecture of an example of a computer, such as server computer 110 and/or client computer 105, in accordance with one or more embodiments of the present disclosure. A computer as referred to herein refers to any device with a processor capable of executing logic or coded instructions, and could be a server, personal computer, set top box, smart phone, pad computer or media device, to name a few such devices. As shown in the example of Fig. 5, internal architecture 500 includes one or more processing units (also referred to herein as CPUs) 512, which interface with at least one computer bus 502. Also interfacing with computer bus 502 are persistent storage medium / media 506, network interface 514, memory 504, e.g., random access memory (RAM), run-time transient memory, read only memory (ROM), etc., media disk drive interface 508 as an interface for a drive that can read and/or write to media including removable media such as floppy, CD-ROM, DVD, etc. media, display interface 510 as interface for a monitor or other display device, keyboard interface 516 as interface for a keyboard, pointing device interface 518 as an interface for a mouse or other pointing device, and miscellaneous other interfaces not shown individually, such as parallel and serial port interfaces, a universal serial bus (USB) interface, and the like.

[0053] Memory 504 interfaces with computer bus 502 so as to provide information stored in memory 504 to CPU 512 during execution of software programs such as an operating system, application programs, device drivers, and software modules that comprise program code, and/or computer-executable process operations, incorporating functionality described herein, e.g., one or more of process flows described herein. CPU 512 first loads computer-executable process operations from storage, e.g., memory 504, storage medium / media 506, removable media drive, and/or other storage device. CPU 512 can then execute the stored process operations in order to execute the loaded computer-executable process operations. Stored data, e.g., data stored by a storage device, can be accessed by CPU 512 during the execution of computer-executable process operations.

[0054] Persistent storage medium / media 506 is a computer readable storage medium(s) that can be used to store software and data, e.g., an operating system and one or more application programs. Persistent storage medium / media 506 can also be used to store device drivers, such

as one or more of a digital camera driver, monitor driver, printer driver, scanner driver, or other device drivers, web pages, content files, playlists and other files. Persistent storage medium / media 506 can further include program modules and data files used to implement one or more embodiments of the present disclosure.

[0055] For the purposes of this disclosure a computer readable medium stores computer data, which data can include computer program code that is executable by a computer, in machine readable form. By way of example, and not limitation, a computer readable medium may comprise computer readable storage media, for tangible or fixed storage of data, or communication media for transient interpretation of code-containing signals. Computer readable storage media, as used herein, refers to physical or tangible storage (as opposed to signals) and includes without limitation volatile and non-volatile, removable and non-removable media implemented in any method or technology for the tangible storage of information such as computer-readable instructions, data structures, program modules or other data.

Computer readable storage media includes, but is not limited to, RAM, ROM, EPROM, EEPROM, flash memory or other solid state memory technology, CD-ROM, DVD, or other optical storage, magnetic cassettes, magnetic tape, magnetic disk storage or other magnetic storage devices, or any other physical or material medium which can be used to tangibly store the desired information or data or instructions and which can be accessed by a computer or processor.

[0056] For the purposes of this disclosure a module is a software, hardware, or firmware (or combinations thereof) system, process or functionality, or component thereof, that performs or facilitates the processes, features, and/or functions described herein (with or without human interaction or augmentation). A module can include sub-modules. Software components of a module may be stored on a computer readable medium. Modules may be integral to one or more servers, or be loaded and executed by one or more servers. One or more modules may be grouped into an engine or an application.

[0057] Those skilled in the art will recognize that the methods and systems of the present disclosure may be implemented in many manners and as such are not to be limited by the foregoing exemplary embodiments and examples. In other words, functional elements being performed by single or multiple components, in various combinations of hardware and software or firmware, and individual functions, may be distributed among software applications at either

the user device or server or both. In this regard, any number of the features of the different embodiments described herein may be combined into single or multiple embodiments, and alternate embodiments having fewer than, or more than, all of the features described herein are possible. Functionality may also be, in whole or in part, distributed among multiple components, in manners now known or to become known. Thus, myriad software/hardware/firmware combinations are possible in achieving the functions, features, interfaces and preferences described herein. Moreover, the scope of the present disclosure covers conventionally known manners for carrying out the described features and functions and interfaces, as well as those variations and modifications that may be made to the hardware or software or firmware components described herein as would be understood by those skilled in the art now and hereafter.

[0058] While the system and method have been described in terms of one or more embodiments, it is to be understood that the disclosure need not be limited to the disclosed embodiments. It is intended to cover various modifications and similar arrangements included within the spirit and scope of the claims, the scope of which should be accorded the broadest interpretation so as to encompass all such modifications and similar structures. The present disclosure includes any and all embodiments of the following claims.

CLAIMS

What is claimed is:

1. A method comprising:
receiving, by a server computer from a first client computer operated by a first user, an identification of first web content displayed by a web browser of the first client computer in a main browser window, the identification of the first web content transmitted by the first user to the server computer via a user interface separate from the main browser window;
indexing, by the server computer, the first web content; and
in response to receiving a search query from a web browser of a second client computer operated by a second user, transmitting, by the server computer, search results to the web browser of the second client computer, the search results comprising the first web content identified by the first user in a position relative to identifications of other web content received from other users.
2. The method of claim 1, wherein the receiving of the identification of first web content further comprises receiving, by the server computer, a rating associated with the first web content from the first user.
3. The method of claim 2, wherein the receiving of the identification of first web content further comprises receiving, by the server computer, ratings associated with the other web content from the other users.
4. The method of claim 3, further comprising ranking, by the server computer, the first web content from the rating in relation to the ratings of the other web content received from the other users.
5. The method of claim 2, wherein the rating associated with the first web content is selected from a group of rating types consisting of like, dislike, and neutral.

6. The method of claim 1, wherein the indexing of the first web content further comprises receiving, by the server computer, keywords for the first web content.
7. The method of claim 1, wherein the receiving of the identification of the first web content further comprises receiving, by the server computer from the first client computer, a comment on the first web content.
8. The method of claim 1, wherein the first web content is same as the other web content.
9. The method of claim 1, wherein the receiving of an identification of first web content further comprises receiving a rating on the first web content, wherein the rating is a score assigned by the user of the first client computer.
10. A computing device comprising:
 - at least one processor; and
 - a storage medium tangibly storing thereon program logic configured to instruct the at least one processor to at least:
 - receive, from a first client computer operated by a first user, an identification of first web content displayed by a web browser of the first client computer in a main browser window, the identification of the first web content transmitted by the first user via a user interface separate from the main browser window;
 - index the first web content; and
 - in response to receiving a search query from a web browser of a second client computer operated by a second user, transmit search results to the web browser of the second client computer, the search results comprising the first web content identified by the first user in a position relative to identifications of other web content received from other users.
11. The computing device of claim 10, wherein the program logic configured to instruct the at least one processor to receive further comprises program logic to instruct the at least one processor to receive a rating associated with the first web content from the first user.

12. The computing device of claim 10, wherein the program logic configured to instruct the at least one processor to receive further comprises program logic to instruct the at least one processor to receive ratings associated with the other web content from the other users.
13. The computing device of claim 12, further comprising program logic configured to instruct the at least one processor to rank the first web content from the rating in relation to the ratings of the other web content received from the other users.
14. The computing device of claim 11, wherein the rating associated with the first web content is selected from a group of rating types consisting of like, dislike, and neutral.
15. The computing device of claim 10, wherein program logic configured to instruct the at least one processor to index further comprises program logic configured to instruct the at least one processor to receive keywords for the first web content.
16. The computing device of claim 10, wherein the program logic configured to instruct the at least one processor to receive further comprises program logic to instruct the at least one processor to receive, from the first client computer, a comment on the first web content.
17. The computing device of claim 10, wherein the first web content is the same as the other web content.
18. The computing device of claim 10, wherein the program logic configured to instruct the at least one processor to receive further comprises program logic to instruct the at least one processor to receive a rating on the first web content, wherein the rating is a score assigned by the user of the first client computer.
19. A non-transitory computer readable storage medium storing computer program instructions configured instruct a computer processor to perform at least:
 - receiving, by a server computer from a first client computer operated by a first user,

an identification of first web content displayed by a web browser of the first client computer in a main browser window, and
a user content created by the first user of the web browser;
indexing, by the server computer, the first web content based at least in part on the user content;
storing, by the server computer, the user content in association with the identification of the first web content; and
in response to receiving a search query from a web browser of a second client computer operated by a second user, transmitting, by the server computer, search results to the web browser of the second client computer, the search results comprising the identification of the first web content and the user content associated with the first web content.

20. The non-transitory computer readable storage medium of claim 19, wherein the user content including a comment on the first web content and a rating of the first web content by the first user; and wherein the user content and the identification of the first web content are composed in a user interface separate from the main browser window for transmission to the server computer, while the web content is displayed in the main browser window.

ABSTRACT

A search engine to index web content with user content. A server computer receives, from a first client computer operated by a first user, an identification of first web content displayed by a web browser of the first client computer in a main browser window. The identification of the first web content is transmitted by the first user to the server computer via a user interface separate from the main browser window. The server computer then indexes the first web content. In response to receiving a search query from a web browser of a second client computer operated by a second user, the server computer transmits search results to the web browser of the second client computer. The search results include the first web content identified by the first user in a position relative to identifications of other web content received from other users.

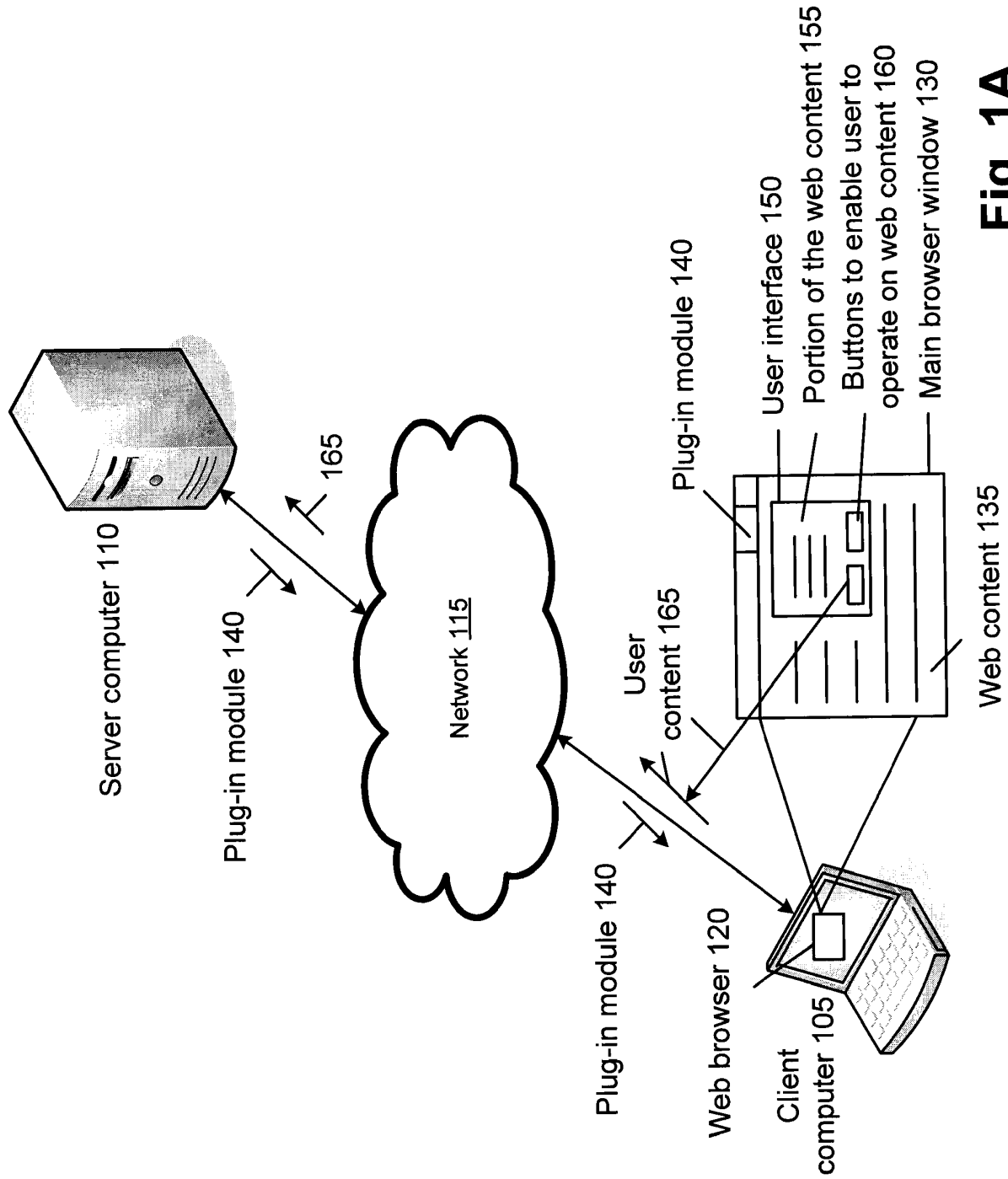


Fig. 1A

2/17

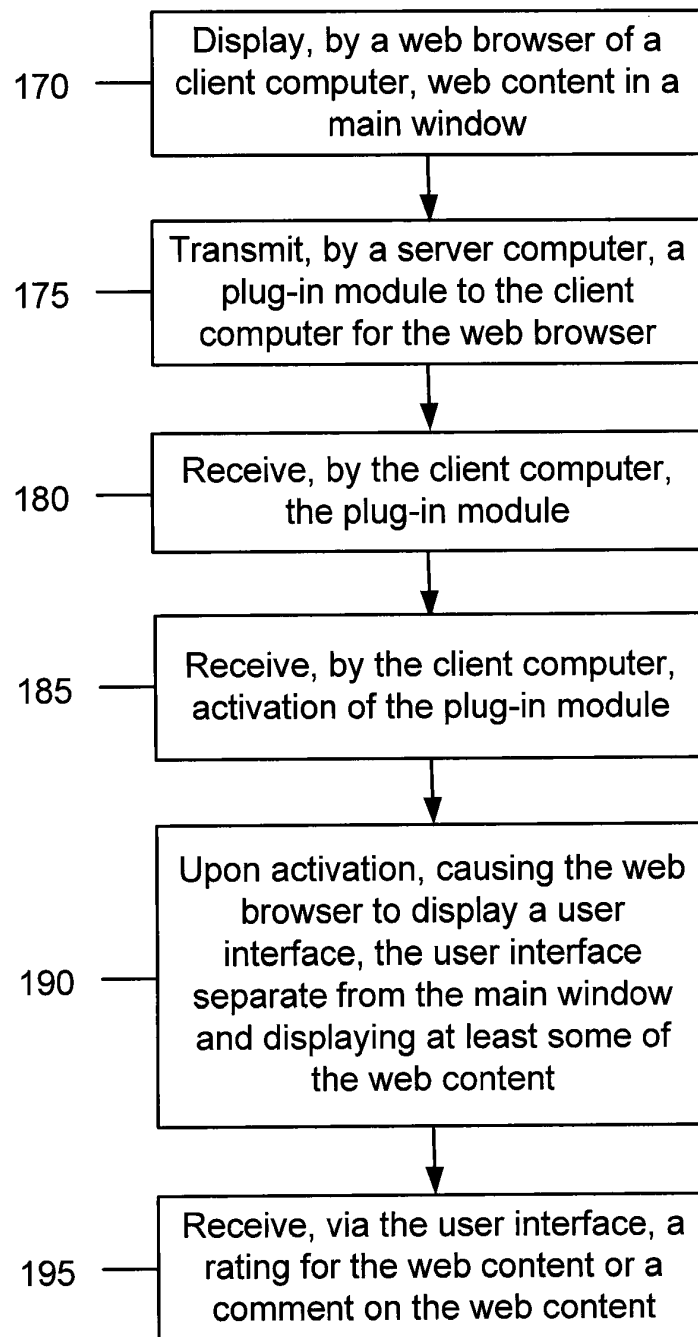
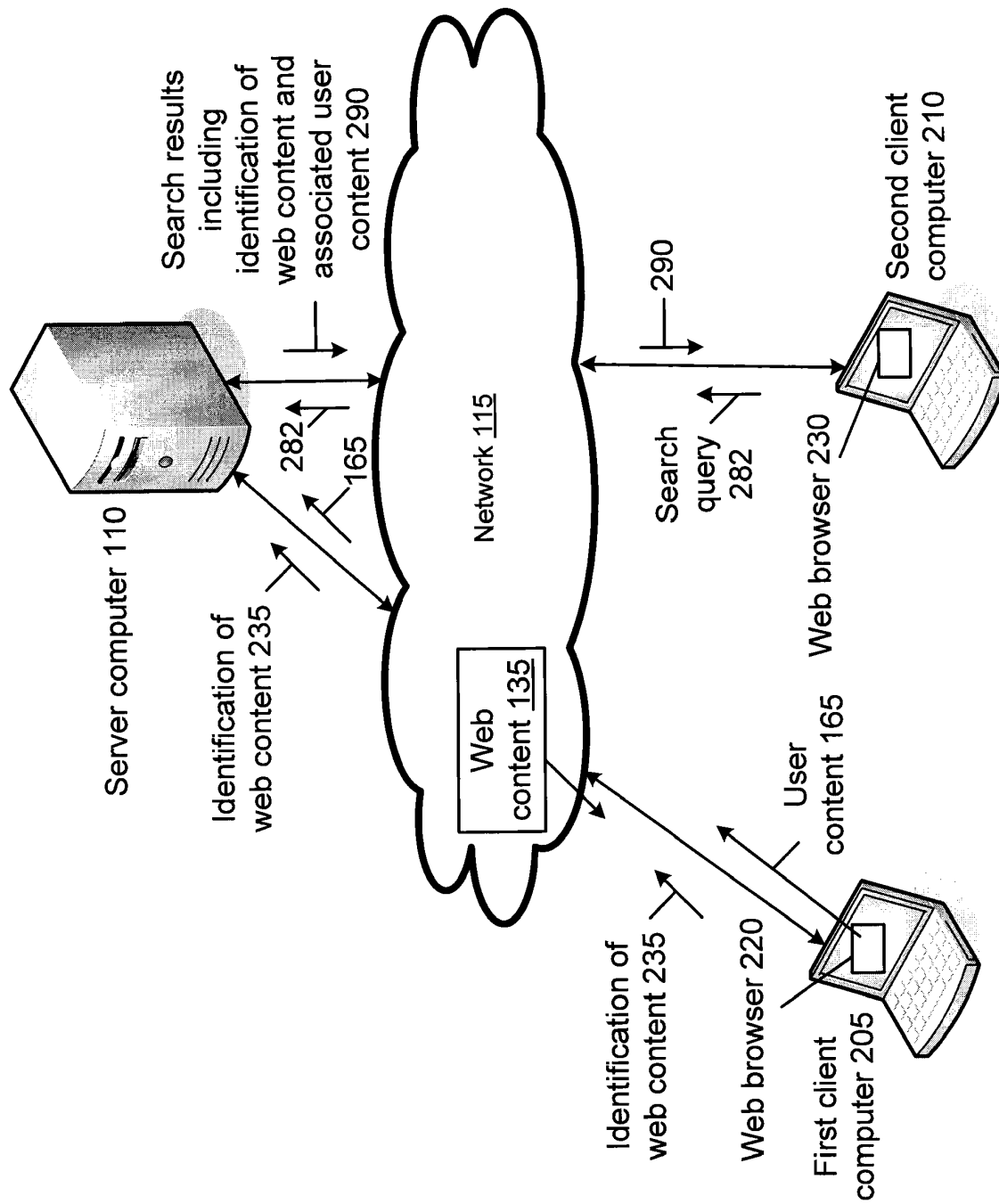


Fig. 1B

**Fig. 2A**

4/17

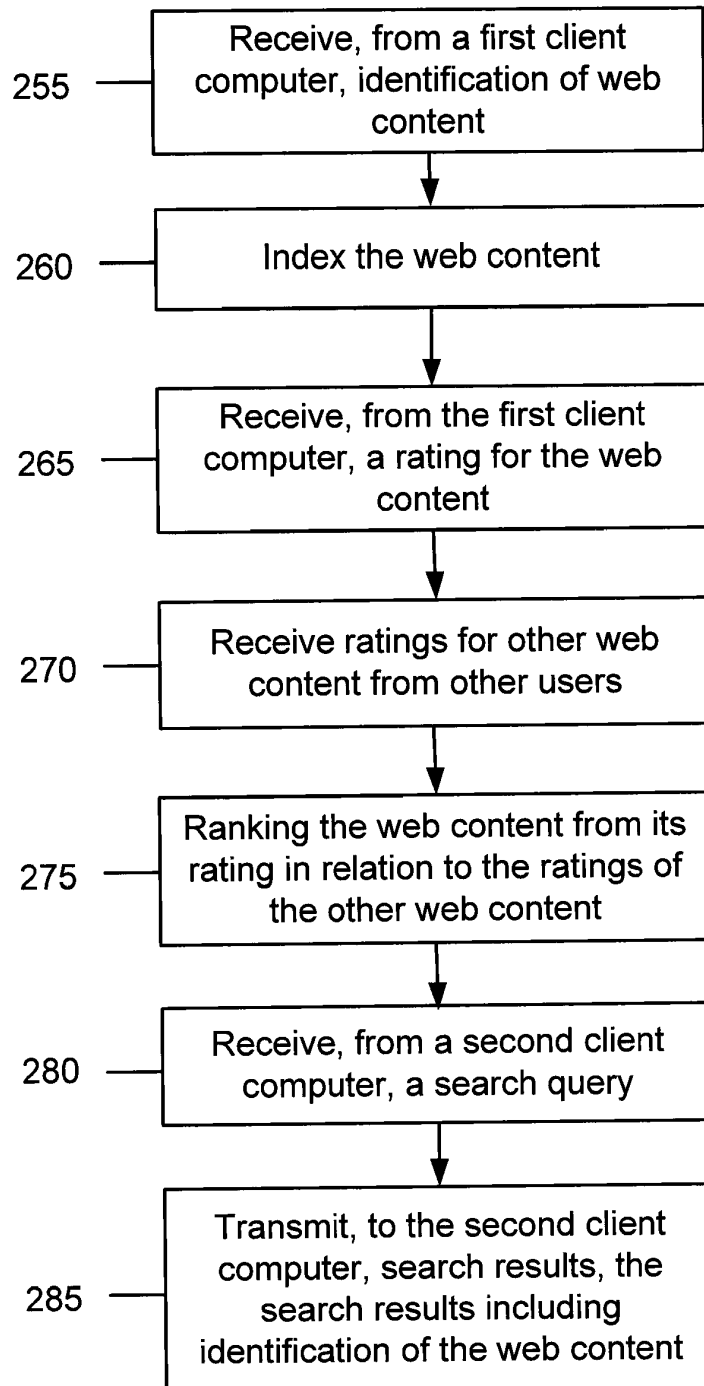


Fig. 2B

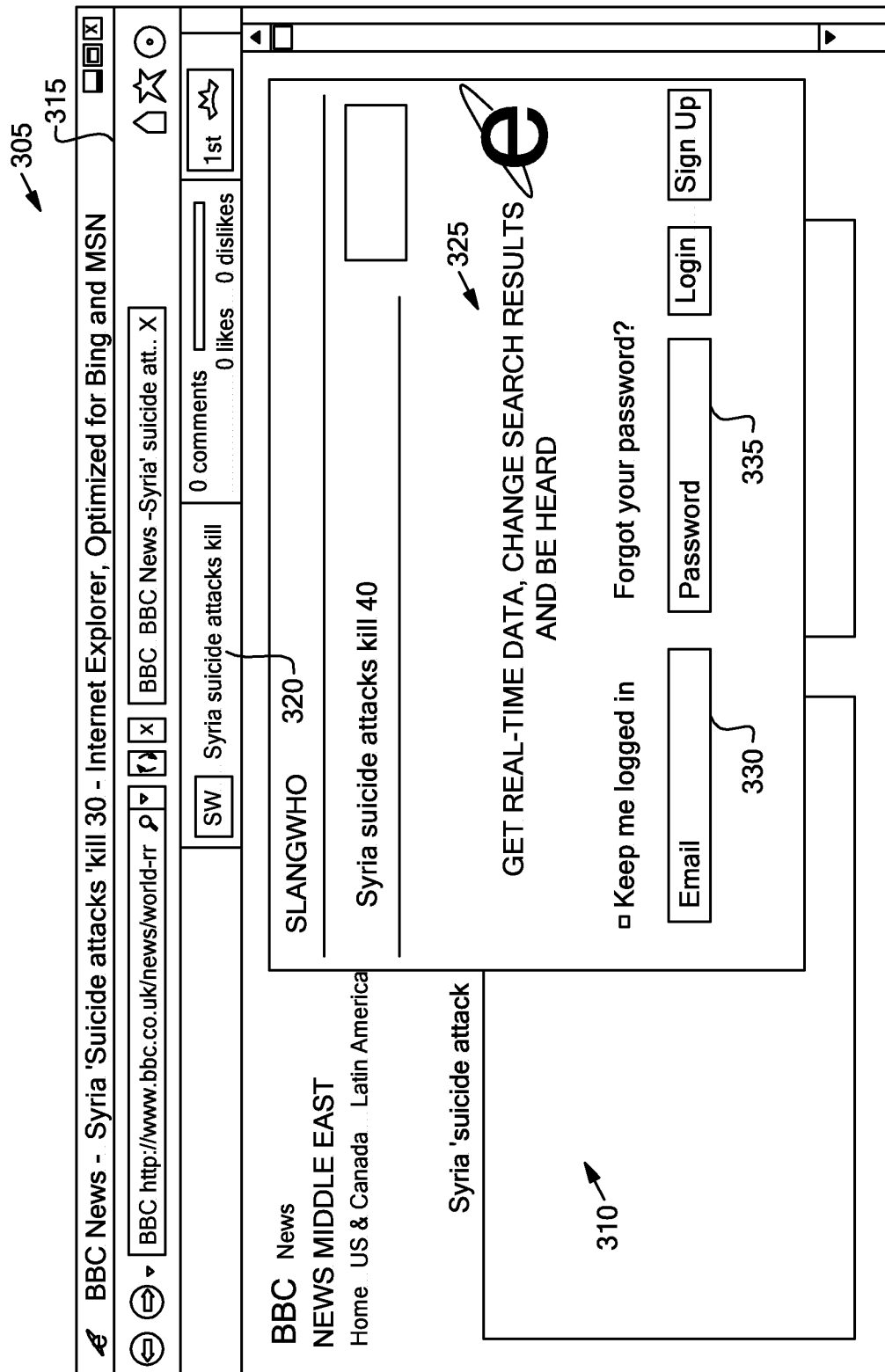


Fig. 3A

340

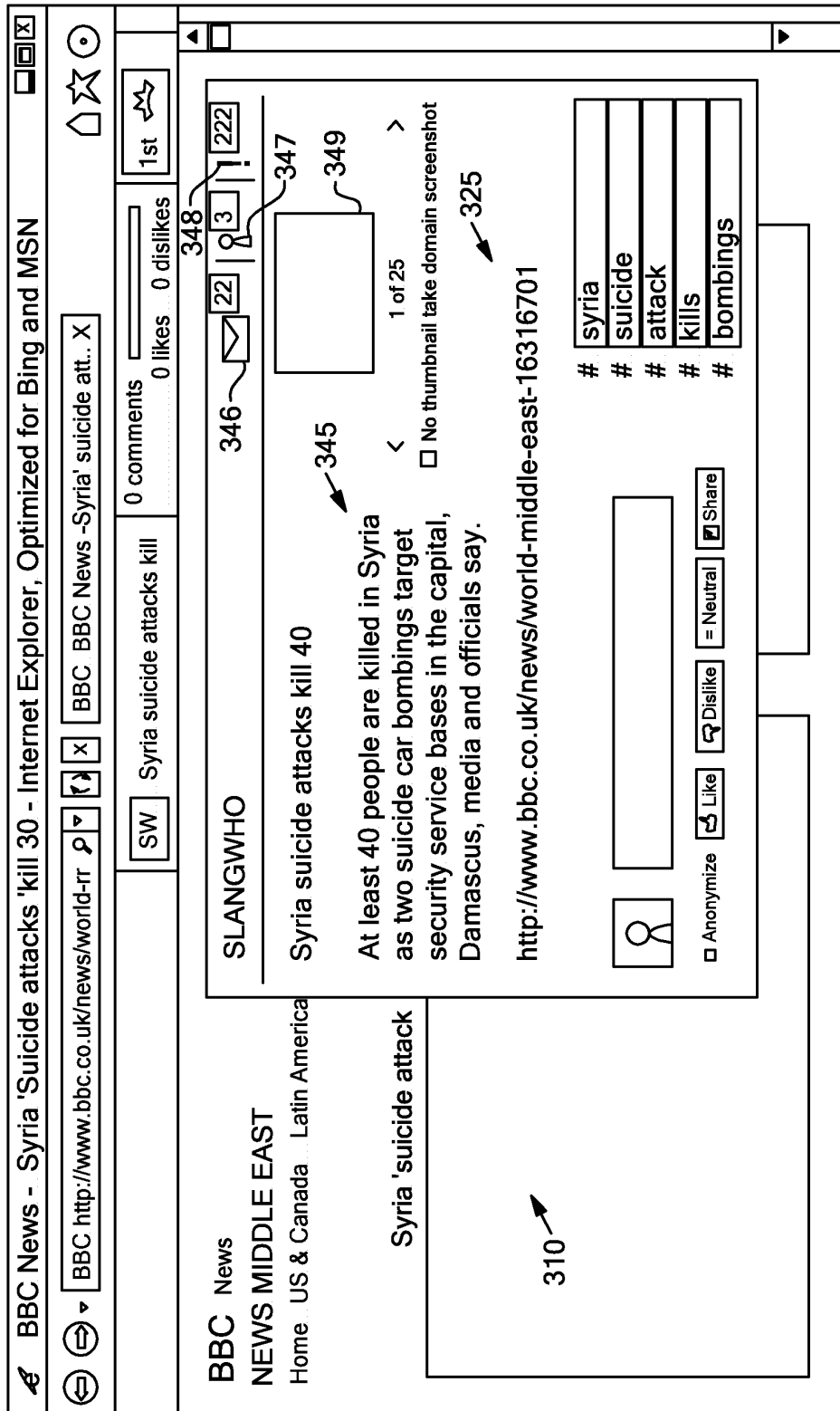


Fig. 3B

350

BBC News - Syria 'Suicide attacks 'kill 30 - Internet Explorer, Optimized for Bing and MSN

BBC

http://www.bbc.co.uk/news/world-r

BBC

BBC News -Syria' suicide att.. X

1 comments

1 likes

0 dislikes

1st

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BBC News

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Syria 'suicide attack

SLANGWHO

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http://www.bbc.co.uk/news/world-middle-east-16316701

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#suicide

#attack

#kills

#bombings

Fig. 3C

EX1008, Page 40

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At least 40 people are killed in Syria as two suicide car bombings target security service bases in the capital, Damascus, media and officials say.

[http://www.bbc.co.uk/news/world-middle-east-16316701](#)

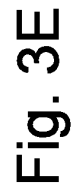
2 comment 1 like 1 dislikes

	Wan Di Dec 19, 12:45 AM	awesome! i cannot believe it i love it sooooo much	355
	John Shriber Dec 20, 9:34 PM	this is really too bad	365

ADDED TO SLANGWHO SEARCH:

= Neutral

Fig. 3D





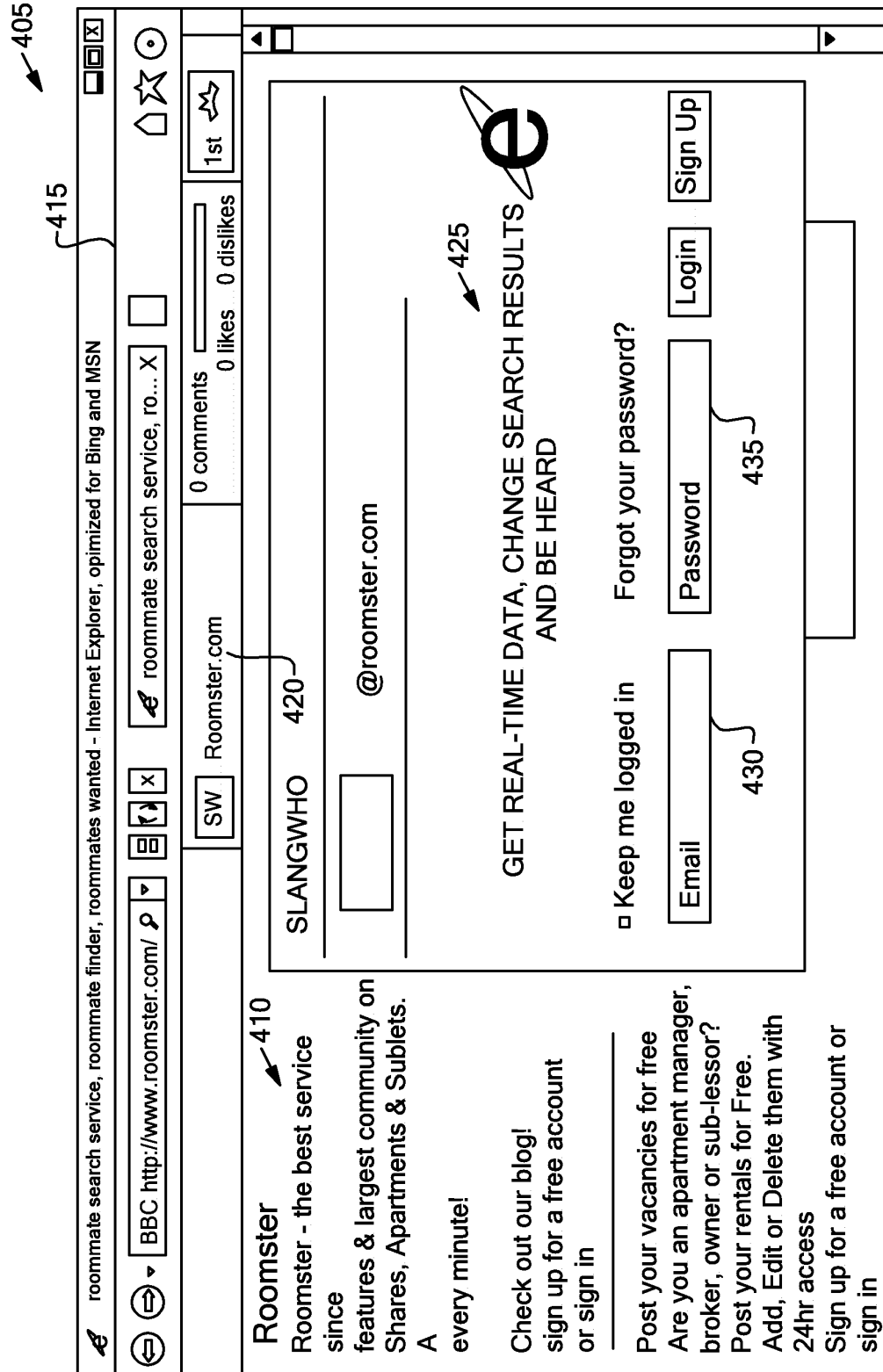


Fig. 4A

440

roommate search service, roommate finder, roommates wanted - Internet Explorer, optimized for Bing and MSN

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syria
suicide
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kills
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Fig. 4B

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Wan Di
 Dec 19, 12:45 AM

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Fig. 4C

460

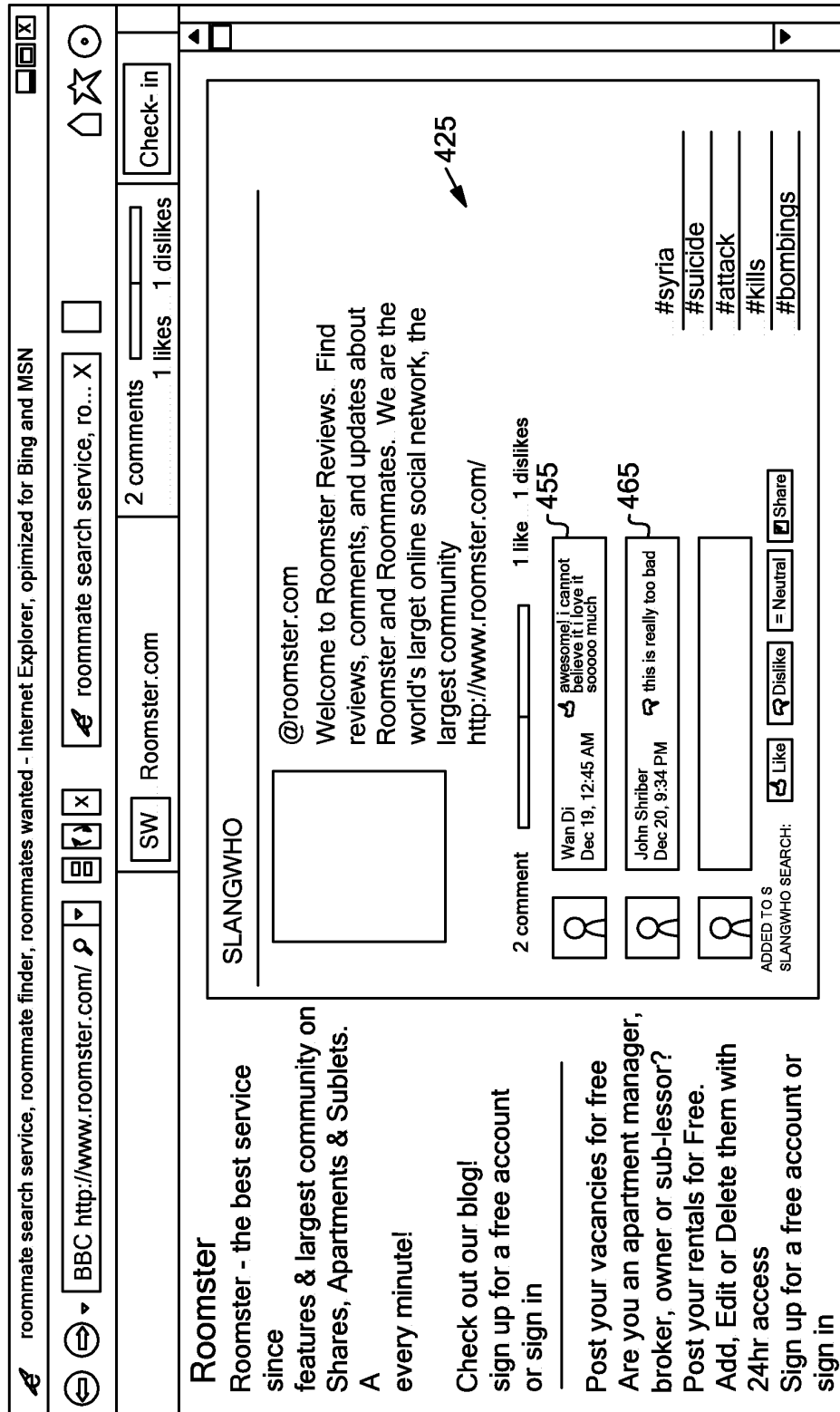


Fig. 4D

470

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Search recipients
To: 2 users, 0 lists, 0 groups.

Roman Zaks Remove
Wan Di Remove

Users
Add Add Add Add Add
David Warshak Roman Zaks Zane Johnston Sasha Tcherebkoff John Shriber

Lists Groups

Fig. 4E

EX1008, Page 48



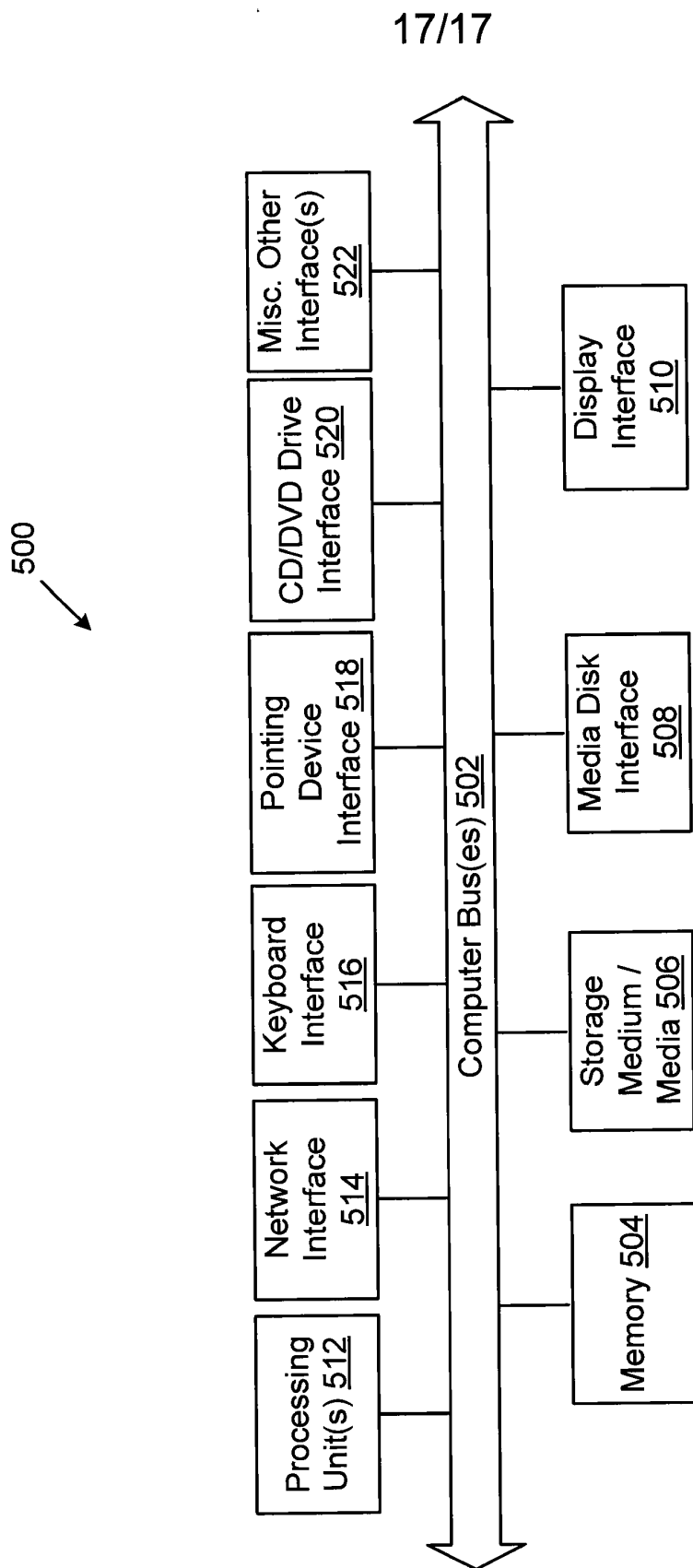


Fig. 5

Electronic Patent Application Fee Transmittal				
Application Number:				
Filing Date:				
Title of Invention:		Search Engine		
First Named Inventor/Applicant Name:		John S. Shriber		
Filer:		John Patrick Ward/Esther Campbell		
Attorney Docket Number:		177720-200108/US		
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
UTILITY FILING FEE (ELECTRONIC FILING)	4011	1	75	75
UTILITY SEARCH FEE	2111	1	330	330
UTILITY EXAMINATION FEE	2311	1	380	380
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 (\$)				785

Electronic Acknowledgement Receipt	
EFS ID:	34850329
Application Number:	16247361
International Application Number:	
Confirmation Number:	6959
Title of Invention:	Search Engine
First Named Inventor/Applicant Name:	John S. Shriber
Customer Number:	64494
Filer:	John Patrick Ward/Esther Campbell
Filer Authorized By:	John Patrick Ward
Attorney Docket Number:	177720-200108/US
Receipt Date:	14-JAN-2019
Filing Date:	
Time Stamp:	18:46:53
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$ 785
RAM confirmation Number	011519INTEFSW00005174502638
Deposit Account	502638
Authorized User	Esther Campbell
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: 37 CFR 1.16 (National application filing, search, and examination fees) 37 CFR 1.17 (Patent application and reexamination processing fees)	

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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	Application Data Sheet	177720-200108_ADS.PDF	1793473	no	9
			840d519c13deddc547e2477d9d966e5cfa2d701c		
Warnings:					
Information:					
2		177720-200108_Description.pdf	153720	yes	23
			7ec4b437565a241cbd2fb6d67f24112ac93145a4		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Specification		1	18	
	Claims		19	22	
	Abstract		23	23	
Warnings:					
Information:					
3	Drawings-only black and white line drawings	177720-200108_Figures.PDF	1871583	no	17
			3b08e05e4b56ec83c65be76bf6a939b75c63ffa6		
Warnings:					
Information:					
4	Fee Worksheet (SB06)	fee-info.pdf	35115	no	2
			8d4d1e22f3d6a1189eacef08fda581391aaf7e71		
Warnings:					
Information:					
Total Files Size (in bytes):			3853891		

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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
16/247,361	01/14/2019		865	177720-200108/US	20	3

CONFIRMATION NO. 6959

FILING RECEIPT



CC000000103880917

64494
GREENBERG TRAURIG, LLP (SV)
c/o: Greenberg Traurig LLP - Chicago Office
77 West Wacker Drive, Suite 3100
Intellectual Property Department
Chicago, IL 60601

Date Mailed: 02/07/2019

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**

Inventor(s)

John S. Shriber, New York, NY;
Roman Zaks, New York, NY;

Applicant(s)

NEWSPLUG, INC., New York, NY;

Power of Attorney: None

Domestic Priority data as claimed by applicant

This application is a CON of 15/142,479 04/29/2016 PAT 10180952
which is a CON of 13/420,503 03/14/2012 PAT 9338215
which claims benefit of 61/452,595 03/14/2011

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: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 02/06/2019

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 16/247,361**

Projected Publication Date: 05/16/2019

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

Search Engine

Preliminary Class

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875						Application or Docket Number 16/247,361			
APPLICATION AS FILED - PART I									
(Column 1)		(Column 2)		SMALL ENTITY		OTHER THAN SMALL ENTITY			
FOR	NUMBER FILED	NUMBER EXTRA	RATE(\$)	FEE(\$)		RATE(\$)	FEE(\$)		
BASIC FEE <small>(37 CFR 1.16(a), (b), or (c))</small>	N/A	N/A	N/A	75		N/A			
SEARCH FEE <small>(37 CFR 1.16(k), (l), or (m))</small>	N/A	N/A	N/A	330		N/A			
EXAMINATION FEE <small>(37 CFR 1.16(o), (p), or (q))</small>	N/A	N/A	N/A	380		N/A			
TOTAL CLAIMS <small>(37 CFR 1.16(i))</small>	20 minus 20 =	*	x 50 =	0.00	OR				
INDEPENDENT CLAIMS <small>(37 CFR 1.16(h))</small>	3 minus 3 =	*	x 230 =	0.00					
APPLICATION SIZE FEE <small>(37 CFR 1.16(s))</small>	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).			0.00					
MULTIPLE DEPENDENT CLAIM PRESENT <small>(37 CFR 1.16(j))</small>				0.00					
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	785		TOTAL			
APPLICATION AS AMENDED - PART II									
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OTHER THAN SMALL ENTITY	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)	
	Total <small>(37 CFR 1.16(i))</small>	*	Minus **	=	x =		OR	x =	
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus ***	=	x =		OR	x =	
	Application Size Fee <small>(37 CFR 1.16(s))</small>						OR		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						OR		
TOTAL ADD'L FEE						OR	TOTAL ADD'L FEE		
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OTHER THAN SMALL ENTITY	
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)	
	Total <small>(37 CFR 1.16(i))</small>	*	Minus **	=	x =		OR	x =	
	Independent <small>(37 CFR 1.16(h))</small>	*	Minus ***	=	x =		OR	x =	
	Application Size Fee <small>(37 CFR 1.16(s))</small>						OR		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <small>(37 CFR 1.16(j))</small>						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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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
16/247,361	01/14/2019	John S. Shriber	177720-200108/US

CONFIRMATION NO. 6959

INFORMAL NOTICE



0000000105680918

64494
GREENBERG TRAURIG, LLP (SV)
c/o: Greenberg Traurig LLP - Chicago Office
77 West Wacker Drive, Suite 3100
Intellectual Property Department
Chicago, IL 60601

Date Mailed: 02/07/2019

INFORMATIONAL NOTICE TO APPLICANT

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The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

- A properly executed inventor's oath or declaration has not been received for the following inventor(s):
John S. Shriber
Roman Zaks

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.

/ktesfaye/

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (02-18)

Approved for use through 11/30/2020. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		16247361
	Filing Date		2019-01-14
	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name		
	Attorney Docket Number	177720-200108/US	

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	10180952		2019-01-15	Shriber, et al.		
	2	6199081		2001-03-06	Meyerzon, et al.		
	3	6718365		2004-04-06	Dutta		
	4	7117432		2006-10-03	Shanahan, et al.		
	5	7174346		2007-02-06	Gharachorloo, et al.		
	6	7216290		2007-05-08	Goldstein, et al.		
	7	7613769		2009-11-03	Hess		
	8	7617190		2009-11-10	Wright, et al.		

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	16247361
	Filing Date	2019-01-14
	First Named Inventor	JOHN SHRIBER
	Art Unit	2167
	Examiner Name	
	Attorney Docket Number	177720-200108/US

	9	7634535		2009-12-15	Watson	
	10	7640184		2009-12-29	Lunt	
	11	7669123		2010-02-23	Zuckerberg, et al.	
	12	7734610		2010-06-08	Rakowski, et al.	
	13	7957723		2011-06-07	Punaganti Venkata, et al.	
	14	7958115		2011-06-07	Kraft	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		16247361
	Filing Date		2019-01-14
	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name		
	Attorney Docket Number	177720-200108/US	

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	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
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	1	20020194611		2002-12-19	Hodgkinson, Andrew		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		16247361
	Filing Date		2019-01-14
	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name		
	Attorney Docket Number	177720-200108/US	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	16247361
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	Examiner Name	
	Attorney Docket Number	177720-200108/US

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	16247361
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	First Named Inventor	JOHN SHRIBER
	Art Unit	2167
	Examiner Name	
	Attorney Docket Number	177720-200108/US

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		16247361
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	Art Unit	2167	
	Examiner Name		
	Attorney Docket Number	177720-200108/US	

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	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
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	Attorney Docket Number	177720-200108/US	

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	Art Unit	2167	
	Examiner Name		
	Attorney Docket Number	177720-200108/US	

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

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

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See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

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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	/Lehua Wang/	Date (YYYY-MM-DD)	2019-02-22
Name/Print	Lehua Wang	Registration Number	48,023

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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EFS ID:	35224969
Application Number:	16247361
International Application Number:	
Confirmation Number:	6959
Title of Invention:	Search Engine
First Named Inventor/Applicant Name:	John S. Shriber
Customer Number:	64494
Filer:	Lehua Wang
Filer Authorized By:	
Attorney Docket Number:	177720-200108/US
Receipt Date:	22-FEB-2019
Filing Date:	14-JAN-2019
Time Stamp:	13:34:06
Application Type:	Utility under 35 USC 111(a)

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Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	177720-200108_IDS.pdf	1008980 3d6000f9b62c3ca4c6659c6348e0f0564857e3d7	no	12

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
16/247,361	01/14/2019	John S. Shriber	177720-200107/US

CONFIRMATION NO. 6959

PUBLICATION NOTICE



0000000108237420

64494
GREENBERG TRAURIG, LLP (SV)
c/o: Greenberg Traurig LLP - Chicago Office
77 West Wacker Drive, Suite 3100
Intellectual Property Department
Chicago, IL 60601

Title:Search Engine

Publication No.US-2019-0146959-A1

Publication Date:05/16/2019

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:	John Shriber, et al.	Examiner:	To be Assigned
Serial No.:	16/247,361	Group Art Unit:	2167
Filed:	January 14, 2019	Confirmation:	6959
Title:	Search Engine		

NOTICE OF RELATED APPLICATIONS

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Sir/Madam:

Applicant is hereby providing notice that the subject patent application is related to the following U.S. patent applications. Applicant respectfully requests the Examiner to consider the related applications and the prosecution histories of these related applications, such as the current claims, Office Actions and Notices of Allowance, etc.

1.	Title:	Search Engine	
	Serial No.:	13/420,503	Filed on: March 14, 2012
	Inventor(s):	John Shriber, et al	Docket No.: 177720-200101/US
	Examiner:	Mohammed Uddin	Art Unit: 2167
	Patent No.:	9,338,215	Issue Date: May 10, 2016
2.	Title:	Systems and Methods for Enabling a User to Operate on Displayed Web Content Via a Web Browser Plug-in	
	Serial No.:	13/420,507	Filed on: March 14, 2012
	Inventor(s):	John Shriber, et al	Docket No.: 177720-200102/US
	Examiner:	Sang Kim	Art Unit: 2141
	Patent No.:	9,977,800	Issue Date: May 22, 2018
3.	Title:	System and Method for Transmitting a Feed Related to a First User to a Second User	

		Serial No.: 13/420,508	Filed on: March 14, 2012
		Inventor(s): John Shriber, et al	Docket No.: 177720-200103/US
		Examiner: Maikhanh Nguyen	Art Unit: 2176
		Patent No.: 9,058,391	Issue Date: June 16, 2015
<hr/>			
4.	Title:	System and Method for Transmitting Submissions Associated with Web Content	
		Serial No.: 14/717,984	Filed on: May 20, 2015
		Inventor(s): John Shriber, et al	Docket No.: 177720-200104/US
		Examiner: Maikhanh Nguyen	Art Unit: 2176
		Status: Allowed -- Notice of Allowance Not Yet Mailed	Status Date: March 23, 2019
<hr/>			
5.	Title:	Search Engine	
		Serial No.: 15/142,479	Filed on: April 29, 2016
		Inventor(s): John Shriber, et al	Docket No.: 177720-200105/US
		Examiner: Mohammed Uddin	Art Unit: 2167
		Patent No.: 1,018,0952	Issue Date: January 15, 2019
<hr/>			
6.	Title:	Systems and Methods for Enabling a User to Operate on Displayed Web Content Via a Web Browser Plug-in	
		Serial No.: 15/984,163	Filed on: May 18, 2018
		Inventor(s): John Shriber, et al	Docket No.: 177720-200106/US
		Examiner: Sang Kim	Art Unit: 2141
		Status: Docketed New Case - Ready for Examination	Status Date: June 21, 2018
<hr/>			
7.	Title:	System and Method for Transmitting Submissions Associated with Web Content	
		Serial No.: 16/509,425	Filed on:
		Inventor(s): John Shriber, et al	Docket No.: 177720-200108/US
		Examiner:	Art Unit: 2143
		Status: Application Undergoing Preexam Processing	Status Date: July 11, 2019

Respectfully submitted,

App. Ser. No.: 16/247,361

Attorney Docket No.: 177720-200107/US

Date: July 19, 2019

/Lehua Wang/

Lehua Wang

Reg. No. 48,023

GREENBERG TRAURIG, LLP

CUSTOMER NUMBER **64494**

Phone: (650) 328-8500

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Electronic Acknowledgement Receipt	
EFS ID:	36640213
Application Number:	16247361
International Application Number:	
Confirmation Number:	6959
Title of Invention:	Search Engine
First Named Inventor/Applicant Name:	John S. Shriber
Customer Number:	64494
Filer:	Lehua Wang
Filer Authorized By:	
Attorney Docket Number:	177720-200107/US
Receipt Date:	19-JUL-2019
Filing Date:	14-JAN-2019
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Application Type:	Utility under 35 USC 111(a)

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	Filing Date	2019-01-14
	First Named Inventor	JOHN SHRIBER
	Art Unit	2167
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	Attorney Docket Number	177720-200107/US

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	1	10387391		2019-08-20	Shriber, et al.			
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		16247361
	Filing Date		2019-01-14
	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name		
	Attorney Docket Number	177720-200107/US	

1			
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*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.			
<small> 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. </small>			

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		16247361
	Filing Date		2019-01-14
	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name		
	Attorney Docket Number	177720-200107/US	

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	/Lehua Wang/	Date (YYYY-MM-DD)	2019-08-30
Name/Print	Lehua Wang	Registration Number	48,023

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 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.
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Electronic Acknowledgement Receipt	
EFS ID:	37030703
Application Number:	16247361
International Application Number:	
Confirmation Number:	6959
Title of Invention:	Search Engine
First Named Inventor/Applicant Name:	John S. Shriber
Customer Number:	64494
Filer:	Lehua Wang
Filer Authorized By:	
Attorney Docket Number:	177720-200107/US
Receipt Date:	30-AUG-2019
Filing Date:	14-JAN-2019
Time Stamp:	12:39:28
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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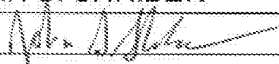
File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	177720-200107_IDS.pdf	1006344	no	4
			1712331c038d5b8073c3b99b3f16b761d827d2dc		

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Total Files Size (in bytes):	1006344
<p>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.</p> <p><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.</p> <p><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.</p> <p><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.</p>	

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention	SEARCH ENGINE
As the below named inventor, I hereby declare that: This declaration is directed to: ☐ The attached application, or ☒ United States application or PCT international application number <u>15/142,479</u> filed on <u>April 29, 2016</u> The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. WARNING: Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available. LEGAL NAME OF INVENTOR Inventor: <u>JOHN S. SHRIBER</u> Date (Optional): <u>7/27/2016</u> Signature: 	
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.	

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 1 minute 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.

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	SEARCH ENGINE
--------------------	---------------

As the below named inventor, I hereby declare that:

This declaration is directed to: ☐ The attached application, or
☒ United States application or PCT international application number 15/142,479
filed on April 29, 2016

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: ROMAN ZAKS Date (Optional): 7/27/2016

Signature: 

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/D1 form for each additional inventor.

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Electronic Acknowledgement Receipt	
EFS ID:	37125408
Application Number:	16247361
International Application Number:	
Confirmation Number:	6959
Title of Invention:	Search Engine
First Named Inventor/Applicant Name:	John S. Shriber
Customer Number:	64494
Filer:	John Patrick Ward/Tiffany Weeks
Filer Authorized By:	John Patrick Ward
Attorney Docket Number:	177720-200107/US
Receipt Date:	10-SEP-2019
Filing Date:	14-JAN-2019
Time Stamp:	21:43:40
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Oath or Declaration filed	177720-200105_Declarations_Parent.pdf	639493 b305e6207d1bd7cfe732bceafcd230f4fc03ac9	no	4

Warnings:

Information:	
Total Files Size (in bytes):	639493
<p>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.</p> <p><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.</p> <p><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.</p> <p><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.</p>	

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	Filing Date	2019-01-14
	First Named Inventor	JOHN SHRIBER
	Art Unit	2167
	Examiner Name	
	Attorney Docket Number	177720-200107/US

U.S.PATENTS							Remove	
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear		
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Examiner Initial*	Cite No	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	20190332589		2019-10-31	John S. Shriber, et al.			
If you wish to add additional U.S. Published Application citation information please click the Add button.							Add	
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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
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If you wish to add additional Foreign Patent Document citation information please click the Add button.							Add	
NON-PATENT LITERATURE DOCUMENTS							Remove	
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.						T ⁵

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		16247361
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	First Named Inventor	JOHN SHRIBER	
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	Examiner Name		
	Attorney Docket Number	177720-200107/US	

1			
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EXAMINER SIGNATURE			
Examiner Signature		Date Considered	
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<small> 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. </small>			

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	Attorney Docket Number	177720-200107/US	

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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).

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	/Lehua Wang/	Date (YYYY-MM-DD)	2020-01-13
Name/Print	Lehua Wang	Registration Number	48,023

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

Electronic Acknowledgement Receipt	
EFS ID:	38278117
Application Number:	16247361
International Application Number:	
Confirmation Number:	6959
Title of Invention:	Search Engine
First Named Inventor/Applicant Name:	John S. Shriber
Customer Number:	64494
Filer:	Lehua Wang
Filer Authorized By:	
Attorney Docket Number:	177720-200107/US
Receipt Date:	13-JAN-2020
Filing Date:	14-JAN-2019
Time Stamp:	14:46:53
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no				
File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	177720-200107_IDS.pdf	1006362 acf06f159d039a6a02f54f4a4ef2ad71dd682840	no	4
Warnings:					

Information:	
Total Files Size (in bytes):	1006362
<p>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.</p> <p><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.</p> <p><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.</p> <p><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.</p>	

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 TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:



Practitioners associated with the Customer Number:

64494

OR



Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:



The address associated with Customer Number:

64494

OR

☐ Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone	Email		

Assignee Name and Address:

NewsPlug, Inc.
285 West Broadway, Ste 320
New York, NY 10013

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	3/28/2018
Name	Roman Zaks	Telephone	917-261-7722
Title	Chief Technology Officer		

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.

Privacy Act Statement

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2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
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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.

STATEMENT UNDER 37 CFR 3.73(c)Applicant/Patent Owner: NEWSPLUG, INC.Application No./Patent No.: 16/247,361 Filed/Issue Date: 2019-01-14Titled: Search Engine**NEWSPLUG, INC.**, a corporation

(Name of Assignee)

(Type of Assignee)

states that, for the patent application/patent identified above, it is (choose one of options 1, 2, 3 or 4 below):

1. ☒ The assignee of the entire right, title, and interest.
2. ☐ An assignee of less than the entire right, title, and interest (check applicable box):
- ☐ The extent (by percentage) of its ownership interest is ____%. Additional Statement(s) by the owners holding the balance of the interest must be submitted to account for 100% of the ownership interest.
- ☐ There are unspecified percentages of ownership. The other parties, including inventors, who together own the entire right, title and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

3. ☐ The assignee of an undivided interest in the entirety (a complete assignment from one of the joint inventors was made). The other parties, including inventors, who together own the entire right, title, and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

4. ☐ The recipient, via a court proceeding or the like (e.g., bankruptcy, probate), of an undivided interest in the entirety (a complete transfer of ownership interest was made). The certified document(s) showing the transfer is attached.

The interest identified in option 1, 2 or 3 above (not option 4) is evidenced by either (choose one of options A or B below):

- 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 thereof is attached.
- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Shriber, John S.; Zaks, Roman To: SLANGWHO, INC.

The document was recorded in the United States Patent and Trademark Office at

Reel 051056, Frame 0778, or for which a copy thereof is attached.

STATEMENT UNDER 37 CFR 3.73(c)2. From: SLANGWHO, INC. To: NEWSPLUG, INC.The document was recorded in the United States Patent and Trademark Office at
Reel 051056, Frame 0832, 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.

4. 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.

5. 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.

6. 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.

7. 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.

8. 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.☒ As required by 37 CFR 3.73(c)(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.

/Lehua Wang/

Signature

March 23, 2020

Date

Lehua Wang

Printed or Typed Name

48,023

Registration Number

Electronic Acknowledgement Receipt	
EFS ID:	38942778
Application Number:	16247361
International Application Number:	
Confirmation Number:	6959
Title of Invention:	Search Engine
First Named Inventor/Applicant Name:	John S. Shriber
Customer Number:	64494
Filer:	Lehua Wang/Allison Hung
Filer Authorized By:	Lehua Wang
Attorney Docket Number:	177720-200107/US
Receipt Date:	23-MAR-2020
Filing Date:	14-JAN-2019
Time Stamp:	16:34:58
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	177720-200107_POA_Newsplu g.pdf	254120 62e37da1bbcc90cb7ffc0c76ad9c10ee51c3 33ff	no	2

Warnings:

Information:					
2	Assignee showing of ownership per 37 CFR 3.73	177720-200107_OwnerStatement.pdf	160351	no	2
			9c0e2ac248b6a9ffca867b1d247da2d2613a8639		
Warnings:					
Information:					
Total Files Size (in bytes):				414471	
<p>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.</p> <p><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.</p> <p><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.</p> <p><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.</p>					



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
16/247,361	01/14/2019	John S. Shriber	177720-200107/US

CONFIRMATION NO. 6959

POA ACCEPTANCE LETTER



OC000000115698973*

64494
GREENBERG TRAURIG, LLP (SV)
c/o: Greenberg Traurig LLP - Chicago Office
77 West Wacker Drive, Suite 3100
Intellectual Property Department
Chicago, IL 60601

Date Mailed: 03/26/2020

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 03/23/2020.

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.

/ytdemisse/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	16247361
	Filing Date	2019-01-14
	First Named Inventor	JOHN SHRIBER
	Art Unit	2167
	Examiner Name	
	Attorney Docket Number	177720-200107/US

U.S.PATENTS							Remove	
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		
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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	20130132814		2013-05-23	Mangini, Andrea L., et al			
If you wish to add additional U.S. Published Application citation information please click the Add button.							Add	
FOREIGN PATENT DOCUMENTS							Remove	
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	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
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NON-PATENT LITERATURE DOCUMENTS							Remove	
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.						T ⁵

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		16247361
	Filing Date		2019-01-14
	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name		
	Attorney Docket Number	177720-200107/US	

1			
If you wish to add additional non-patent literature document citation information please click the Add button <input type="button" value="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.			
<small> 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. </small>			

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		16247361
	Filing Date		2019-01-14
	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name		
	Attorney Docket Number	177720-200107/US	

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	/Lehua Wang/	Date (YYYY-MM-DD)	2020-07-23
Name/Print	Lehua Wang	Registration Number	48,023

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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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:	40092560
Application Number:	16247361
International Application Number:	
Confirmation Number:	6959
Title of Invention:	Search Engine
First Named Inventor/Applicant Name:	John S. Shriber
Customer Number:	64494
Filer:	Lehua Wang
Filer Authorized By:	
Attorney Docket Number:	177720-200107/US
Receipt Date:	23-JUL-2020
Filing Date:	14-JAN-2019
Time Stamp:	20:47:25
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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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)	177720-200107_IDS.pdf	1006415 fd9da04489e106880c0b00ff4e90b59db7998966	no	4

Warnings:

Information:	
Total Files Size (in bytes):	1006415
<p>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.</p> <p><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.</p> <p><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.</p> <p><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.</p>	

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (02-18)

Approved for use through 11/30/2020. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	16247361
	Filing Date	2019-01-14
	First Named Inventor	JOHN SHRIBER
	Art Unit	2167
	Examiner Name	UDDIN, MOHAMMED R
	Attorney Docket Number	177720-200107/US

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	6807558		2004-10-19	Hassett, Gregory P., et al			
	2	8386915		2013-02-26	Howes, Timothy, 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	20050257128		2005-11-17	Pasquali, Sandro, et al			
	2	20050267973		2005-12-01	Carlson, Hilding Mark, et al			
	3	20080114861		2008-05-15	Gildred, John Taylor			
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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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		16247361
	Filing Date		2019-01-14
	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	177720-200107/US	

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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
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Examiner Signature		Date Considered	
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*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		16247361
	Filing Date		2019-01-14
	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	177720-200107/US	

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	/Lehua Wang/	Date (YYYY-MM-DD)	2020-09-26
Name/Print	Lehua Wang	Registration Number	48,023

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 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.
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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:	40679510
Application Number:	16247361
International Application Number:	
Confirmation Number:	6959
Title of Invention:	Search Engine
First Named Inventor/Applicant Name:	John S. Shriber
Customer Number:	64494
Filer:	Lehua Wang
Filer Authorized By:	
Attorney Docket Number:	177720-200107/US
Receipt Date:	26-SEP-2020
Filing Date:	14-JAN-2019
Time Stamp:	14:50:03
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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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)	177720-200107_IDS.pdf	1006568	no	4
			16b0f6fe1207cc5c5ddfc9b63aedb4ac6a1cc297		

Warnings:

Information:	
Total Files Size (in bytes):	1006568
<p>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.</p> <p><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.</p> <p><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.</p> <p><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.</p>	



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/247,361	01/14/2019	John S. Shriber	177720-200107/US	6959
64494	7590	11/24/2020	EXAMINER	
GREENBERG TRAURIG, LLP (SV)			UDDIN, MOHAMMED R	
c/o: Greenberg Traurig LLP - Chicago Office			ART UNIT	
77 West Wacker Drive, Suite 3100			2167	
Intellectual Property Department			NOTIFICATION DATE	
Chicago, IL 60601			11/24/2020	
			DELIVERY MODE	
			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):

cadanoc@gtlaw.com
clairt@gtlaw.com
gtipmail@gtlaw.com

Notice of Pre-AIA or AIA Status

1. The present application is being examined under the pre-AIA first to invent provisions.
2. This action is in response to the communication filed on January 14, 2019.
3. Claims 1-20 are examined and are pending.

Information Disclosure Statement

4. The information disclosure statement (IDS) submitted on 02/22/2019; 07/19/2019; 08/30/2019; 01/13/2020; 07/23/2020 and 09/26/2020. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Claim Rejections - 35 USC § 103

5. The following is a quotation of pre-AIA 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, 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 negated by the manner in which the invention was made.

6. Claims 1-18 and 20 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Verma (US 7,801,885 B1), in view of Cierniak et al (US 2011/0040787 A1).

As per claim 1, Verma discloses:

- **a method comprising** (a method of using feedback to improve searching, column 2, line 10-20"),

- **receiving, by a server computer from a first client computer operated by a first user, an identification of first web content displayed by a web browser of the first client computer in a main browser window** (identification of first web content displayed on the first user browser, Fig. 4, column 8, line 45-67, column 9, line 1-10"),

- *indexing, by the server computer, the first web content* (indexing the web content, column 2, line 55-60, column 4, line 25-30"),

- *in response to receiving a search query from a web browser of a second client computer operated by a second user, transmitting, by the server computer, search results to the web browser of the second client computer, the search results comprising the first web content identified by the first user in a position relative to identifications of other web content received from other users* (second query received from the second user and the result includes the content of the first user (i.e. feedback or rating of the first user and other users), Fig. 4, column 10, line 5-25")

Verma does not explicitly disclose *the identification of the first web content transmitted by the first user to the server computer via a user interface separate from the main browser window*. However, in the same field of endeavor Cierniak in an analogous art disclose *the identification of the first web content transmitted by the first user to the server computer via a user interface separate from the main browser window* (comments received from a first client on a web document displayed in the clients browser window separate from window which the document is presented, Fig. 1-2, Fig. 4, Para [0025], [0109]").

Therefore, it would have been obvious to a person of the ordinary skill in the art at the effective filing date of the invention was made to incorporate the teaching of Cierniak in to the method of Verma. The modification would be obvious because one having ordinary skill in the art would be motivated to provide a method to rank documents higher or lower based on the comments associated with the document (Cierniak Para [0105]).

As per claim 2, rejection of claim 1 is incorporated, and further Verma discloses:

- *wherein the receiving of the identification of first web content further comprises receiving, by the server computer, a rating associated with the first web content from the first user* (rating (i.e. feedback) from the first user, column 2, line 11-35").

As per claim 3, rejection of claim 2 is incorporated, and further Verma disclose:

- wherein the receiving of the identification of first web content further comprises receiving, by the server computer, ratings associated with the other web content from the other users (feedback (i.e. rating) from second user (i.e. other user), Column 10, line 20-25").

As per claim 4, rejection of claim 3 is incorporated, and further verma discloses:

- further comprising ranking, by the server computer, the first web content from the rating in relation to the ratings of the other web content received from the other users (ranking web content, column 11, line 20-55").

As per claim 5, rejection of claim 2 is incorporated, and further Verma discloses:

- wherein the rating associated with the first web content is selected from a group of rating types consisting of like, dislike, and neutral (rating with vote or thumbs up or thumbs down (i.e. like, dislike), column 21, line 50-65").

As per claim 6, rejection of claim 1 is incorporated, and further Verma discloses:

- wherein the indexing of the first web content further comprises receiving, by the server computer, keywords for the first web content (receiving keywords from the web content, column 8, line 30-40").

As per claim 7, rejection of claim 1 is incorporated, and further Verma discloses:

- wherein the receiving of the identification of the first web content further comprises receiving, by the server computer from the first client computer, a comment on the first web content (comment or feedback on web content, column 12, line 5-15").

As per claim 8, rejection of claim 1 is incorporated, and further Cierniak discloses:

- wherein the first web content is same as the other web content (same or other web content, Para [0023]-[0024]").

As per claim 9, rejection of claim 1 is incorporated, and further Cierniak discloses:

- wherein the receiving of an identification of first web content further comprises receiving a rating on the first web content, wherein the rating is a score assigned by the user of the first client computer (score is assigned to the comment, Para [0099]).

As per claims 10-18,

Claims 10-18 are device claims corresponding to method claims 1-9 respectively and rejected under the same reason set forth to the rejection of claims 1-9 above.

Claim Rejections - 35 USC § 102

9. The following is a quotation of the appropriate paragraphs of pre-AIA 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

10. Claim 19 is rejected under pre-AIA 35 U.S.C. 102(b) as being anticipated by Verma (US 7,801,885 B1).

As per claim 19, Verma discloses:

- non-transitory computer readable storage medium storing computer program instructions configured instruct a computer processor to perform at least (computer readable medium, column 7, line 45-50"),

- receiving, by a server computer from a first client computer operated by a first user, an identification of first web content displayed by a web browser of the first client computer in a main browser window (identification of first web content displayed on the first user browser, Fig. 4, column 8, line 45-67, column 9, line 1-10"),

- and a user content created by the first user of the web browser (user content created by the browser window, column 9, line 25-35, column 12, line 60-67, column 22, line 1-10"),

- *indexing, by the server computer, the first web content based at least in part on the user content* (indexing the web content, column 2, line 55-60, column 4, line 25-30"),

- *storing, by the server computer, the user content in association with the identification of the first web content* (storing the user content, column 5, line 1-5, column 9, line 45-55"),

- *in response to receiving a search query from a web browser of a second client computer operated by a second user, transmitting, by the server computer, search results to the web browser of the second client computer, the search results comprising the identification of the first web content and the user content associated with the first web content* (second query received from the second user and the result includes the content of the first user (i.e. feedback or rating of the first user and other users), Fig. 4, column 10, line 5-25").

11. Claim 20 is rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Verma (US 7,801,885 B1), in view of Cierniak et al (US 2011/0040787 A1).

As per claim 20, rejection of claim 19 is incorporated, and further Verma discloses:

- *wherein the user content including a comment on the first web content and a rating of the first web content by the first user* (rating (i.e. feedback) from the first user, column 2, line 11-35"),

Verma does not explicitly disclose *wherein the user content and the identification of the first web content are composed in a user interface separate from the main browser window for transmission to the server computer, while the web content is displayed in the main browser window*. However, in the same field of endeavor Cierniak in an analogous art disclose *wherein the user content and the identification of the first web content are composed in a user interface separate from the main browser window for transmission to the server computer, while the web content is displayed in the main browser window* (comments received from a first client on a web document displayed in the clients browser

window separate from window which the document is presented, Fig. 1-2, Fig. 4, Para [0025], [0109]”),

Therefore, it would have been obvious to a person of the ordinary skill in the art at the effective filing date of the invention was made to incorporate the teaching of Cierniak in to the method of Verma. The modification would be obvious because one having ordinary skill in the art would be motivated to provide a method to rank documents higher or lower based on the comments associated with the document (Cierniak Para [0105]).

Contact Information

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to MOHAMMED R UDDIN whose telephone number is (571)270-3138. The examiner can normally be reached on M-F: 9:00 AM-5:00 PM.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Beausoliel Robert can be reached on 571-272-3645. 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 <https://ppair-my.uspto.gov/pair/PrivatePair>. 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.

Application/Control Number: 16/247,361
Art Unit: 2167

Page 8

/MOHAMMED R UDDIN/
Primary Examiner, Art Unit 2167

Notice of References Cited	Application/Control No. 16/247,361		Applicant(s)/Patent Under Reexamination Shriber et al.	
	Examiner MOHAMMED R UDDIN		Art Unit 2167	Page 1 of 5

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-7216290-B2	05-2007	Goldstein; Eric	G06F16/9577	715/234
*	B	US-20020194611-A1	12-2002	Hodgkinson, Andrew	H04N21/4221	725/109
*	C	US-20070266338-A1	11-2007	Shirai; Takuya	G06F16/957	715/808
*	D	US-20090271388-A1	10-2009	Murdock; Vanessa	G06F16/748	1/1
*	E	US-20080082904-A1	04-2008	Martinez; Ronald	G06Q30/02	715/205
*	F	US-7117432-B1	10-2006	Shanahan; James G.	G06F16/353	715/210
*	G	US-7958115-B2	06-2011	Kraft; Reiner	G06Q10/10	707/723
*	H	US-20100280860-A1	11-2010	Iskold; Alexander	G06Q50/01	705/319
*	I	US-20110252041-A1	10-2011	Broman; Paul	G06F16/313	707/748
*	J	US-20110161413-A1	06-2011	Cierniak; Michael	G06F16/958	709/203
*	K	US-20090217196-A1	08-2009	Neff; Sam	G06F16/9535	715/799
*	L	US-20040019611-A1	01-2004	Pearse, Aaron	G06F16/9566	1/1
*	M	US-7174346-B1	02-2007	Gharachorloo; Kourosh	G06F16/951	1/1

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
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Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited	Application/Control No. 16/247,361		Applicant(s)/Patent Under Reexamination Shriber et al.	
	Examiner MOHAMMED R UDDIN		Art Unit 2167	Page 2 of 5

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*	A	US-20080281810-A1	11-2008	Smyth; Barry	G06F16/951	1/1
*	B	US-8589391-B1	11-2013	Reynar; Jeff	G06Q30/02	707/732
*	C	US-20110258526-A1	10-2011	SUPAKKUL; TASSANEE K.	G06F40/169	715/230
*	D	US-20090299824-A1	12-2009	Barnes, JR.; Melvin L.	G06Q30/0207	705/7.39
*	E	US-20080059444-A1	03-2008	Singh; Prabhdeep	G06F16/2272	1/1
*	F	US-20100257184-A1	10-2010	Uy; Victor David	G06F16/951	707/748
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*	H	US-20120166284-A1	06-2012	Tseng; Erick	G06Q30/0273	705/14.58
*	I	US-20070192313-A1	08-2007	Finley; William Derek	G06F16/9535	1/1
*	J	US-20090164446-A1	06-2009	Holt; Alexander W.	G06F16/3326	1/1
*	K	US-20100306249-A1	12-2010	Hill; James	G06Q50/01	707/769
*	L	US-20150169749-A1	06-2015	Camelo; Marcelo	G06F16/951	707/706
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Notice of References Cited	Application/Control No. 16/247,361		Applicant(s)/Patent Under Reexamination Shriber et al.	
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*	C	US-8996625-B1	03-2015	Singleton; David P.	H04L29/06	709/206
*	D	US-7685209-B1	03-2010	Norton; Kenneth	G06F16/907	707/803
*	E	US-20020046203-A1	04-2002	Siegel, Brian	G06F16/9535	1/1
*	F	US-20070156636-A1	07-2007	Norton; Kenneth	G06F16/907	1/1
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*	H	US-20110087649-A1	04-2011	Sarukkai; Ramesh R.	G06F16/735	707/710
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*	K	US-8578261-B1	11-2013	Gupta; Niraj	G06F16/957	715/208
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*	C	US-20060253458-A1	11-2006	Dixon; Christopher John	G06Q30/02	1/1
*	D	US-20080005761-A1	01-2008	Repasi; Rolf	H04H60/66	725/13
*	E	US-20110184960-A1	07-2011	Delpha; Andrew Joseph	G06F40/169	707/754
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*	H	US-8176055-B1	05-2012	Datar; Mayur	G06Q10/10	707/749
*	I	US-20070203887-A1	08-2007	Dynin; Misha	G06F16/9535	1/1
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*	L	US-20110040787-A1	02-2011	CIERNIAK; Michal	G06F16/22	707/770
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<i>Notice of References Cited</i>	Application/Control No. 16/247,361		Applicant(s)/Patent Under Reexamination Shriber et al.	
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<i>Search Notes</i> 	Application/Control No. 16/247,361	Applicant(s)/Patent Under Reexamination Shriber et al.
	Examiner MOHAMMED R UDDIN	Art Unit 2167

CPC - Searched*		
Symbol	Date	Examiner
G06F16/22 G06F16/248 G06F16/951 G06F16/9535 G06F16/24578	11/19/2020	M. Uddin

CPC Combination Sets - Searched*		
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US Classification - Searched*			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
EAST Searched: See attached EAST Search History	11/19/2020	M. Uddin
Inventor Searched: See attached EAST Search History	11/19/2020	M. Uddin

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
G06F16/22	G06F16/248 G06F16/951 G06F16/9535 G06F16/24578	11/19/2020	M. Uddin

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EAST Search History

EAST Search History (Prior Art)

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S189	212	S187 and ((rate or rating or like or dislike or vote) with (content or post or blog))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 09:57
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S187	232	S186 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 09:49
S186	302	S185 and ((position\$3 or plac\$3) with result) with (content or post or blog) with (user or client)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 09:48
S185	8,022	(index\$3 near4 (content or blog or post\$3)) with (user near4 (content or blog or post\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2020/11/04 09:47

			DERWENT; IBM_TDB			
S184	11	S180 and ((position\$3 or plac\$3) with result) with content with (user or client)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 09:41
S183	32	S182 and ((transmit\$4 or send\$3) with server)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 09:31
S182	51	S181 and ((rate or rating or like or dislike or vote) with content)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 09:29
S181	152	S180 and (brows\$3 with (user or client))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 09:27
S180	309	(index\$3 with ((web near4 content) or result\$3) with ((first and second) near4 (user or client)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 09:26
S179	309	(index\$3 with (web near4 content or result\$3) with ((first and second) near4 (user or client)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 09:24
S178	4	"10180952".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2020/11/04 08:39

			DERWENT; IBM_TDB			
S177	5	"15142479"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 08:37
S176	3	"9338215".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 08:35
S175	1	"16247361"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 08:34
S174	8	S173 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/03 09:52
S173	12	S171 and index\$3 and ((rank\$3 or scor\$3 or weight\$3) with (rate or rating or comment\$3 or suggest\$3 or recommend\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/03 09:52
S172	24	S171 and index\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/03 09:51
S171	39	(activat\$3 with plug\$in) same (display\$3 or present\$3 or show\$3) with ((pop\$up or second\$3 or differnt or another) near5 (interface or window or screen))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2018/09/03 09:50

			DERWENT; IBM_TDB			
S170	19	S169 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/03 09:47

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S263	3	("20110040787" "7801885" "8589391").pn.	US-PGPUB; USPAT	OR	ON	2020/11/07 16:50
S262	2	("20110040787" "7801885").pn.	US-PGPUB; USPAT	OR	ON	2020/11/07 15:52
S228	66	S227 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT	OR	ON	2020/11/05 16:53
S227	203	S226 and plug\$in and index\$3	US-PGPUB; USPAT	OR	ON	2020/11/05 16:53
S226	1,141	S224 and (search\$3 or quer\$3) near4 result with (identificat\$3 or select\$3 or identify\$3) with (content or page or "news" or video or song or article or post)	US-PGPUB; USPAT	OR	ON	2020/11/05 16:52
S225	997	S224 and (search\$3 or quer\$3) near4 result with (identificat\$3 or select\$3) with (content or page or "news" or video or song or article or post)	US-PGPUB; USPAT	OR	ON	2020/11/05 16:51
S224	12,254	S223 and (rank\$3 or scor\$3 or weight\$3) with (content or page or "news" or video or song or article or post)	US-PGPUB; USPAT	OR	ON	2020/11/05 16:50
S223	37,409	(rate or rating) with (content or page or "news" or video or song or article or post) with (like or dislike or vote or thumb\$up or star)	US-PGPUB; USPAT	OR	ON	2020/11/05 16:48
S222	36	S221 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT	OR	ON	2020/11/05 16:45
S221	58	S220 and index\$3 with (content or page or news or video or song or article or post)	US-PGPUB; USPAT	OR	ON	2020/11/05 16:44

		with (like or dislike or vote or thumb\$up or star)				
S220	421	S215 and plug\$in with server	US-PGPUB; USPAT	OR	ON	2020/11/05 16:44
S219	262	S217 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT	OR	ON	2020/11/05 16:43
S218	20,553	"I0" and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT	OR	ON	2020/11/05 16:43
S217	337	S216 and index\$3 with (content or page or news or video or song or article or post) with (like or dislike or vote or thumb\$up or star)	US-PGPUB; USPAT	OR	ON	2020/11/05 16:40
S216	2,769	S215 and plug\$in	US-PGPUB; USPAT	OR	ON	2020/11/05 16:39
S215	37,409	(rate or rating) with (content or page or news or video or song or article or post) with (like or dislike or vote or thumb\$up or star)	US-PGPUB; USPAT	OR	ON	2020/11/05 16:36
S214	42	S213 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT	OR	ON	2020/11/05 16:22
S213	64	index\$3 with (web near4 (page or content)) with ((user or client) near4 (comment or rate or rating or frldback or recommendat\$3 or suggest\$3 or vote or thumb\$up))	US-PGPUB; USPAT	OR	ON	2020/11/05 16:21
S212	26	S211 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT	OR	ON	2020/11/05 12:23
S211	34	S210 and (brows\$3 with (first near4 (user or client))) and ((brows\$3 with (second or other or another or different or group) near4 (user or client)))	US-PGPUB; USPAT	OR	ON	2020/11/05 12:22
S210	973	S209 and ((rate or rating or comment\$3 or suggest\$3 or recommend\$5 or feedback or vote or thumb\$up) with (content or page or news or article or video or media))	US-PGPUB; USPAT	OR	ON	2020/11/05 12:19
S209	4,044	activat\$3 with plug\$in	US-PGPUB; USPAT	OR	ON	2020/11/05 12:13
S208	97	S207 and ((quer\$3 or search\$3) with result\$3)	US-PGPUB; USPAT	OR	ON	2020/11/05 09:49

S207	121	S206 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT	OR	ON	2020/11/05 09:40
S206	180	S205 and (rank\$3 or scor\$3 or weight\$3) with (rate or rating or comment\$3 or suggest\$3 or recommend\$5 or feedback or vote or thumb\$up)	US-PGPUB; USPAT	OR	ON	2020/11/05 09:38
S205	400	S204 and (server or database or stor\$3 or repositor\$3) with (receiv\$3 or send\$3 or transmit\$4) with (rate or rating or comment\$3 or suggest\$3 or recommend\$5 or feedback or vote or thumb\$up)	US-PGPUB; USPAT	OR	ON	2020/11/05 09:35
S204	1,032	S203 and (brows\$3 with plug\$in)	US-PGPUB; USPAT	OR	ON	2020/11/05 09:33
S203	4,515	((rate or rating or comment\$3 or suggest\$3 or recommend\$5 or feedback or vote or thumb\$up) with plug\$in)	US-PGPUB; USPAT	OR	ON	2020/11/05 09:32

11/19/2020 4:21:50 PM

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	16247361
	Filing Date	2019-01-14
	First Named Inventor	JOHN SHRIBER
	Art Unit	2167
	Examiner Name	
	Attorney Docket Number	177720-200107/US

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	1	20130132814		2013-05-23	Mangini, Andrea L., et al			
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	Examiner Name		
	Attorney Docket Number	177720-200107/US	

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Examiner Signature	/MOHAMMED R UDDIN/	Date Considered	11/19/2020
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¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

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	Filing Date		2019-01-14
	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name		
	Attorney Docket Number	177720-200107/US	

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	/Lehua Wang/	Date (YYYY-MM-DD)	2020-07-23
Name/Print	Lehua Wang	Registration Number	48,023

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 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.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	16247361
	Filing Date	2019-01-14
	First Named Inventor	JOHN SHRIBER
	Art Unit	2167
	Examiner Name	
	Attorney Docket Number	177720-200107/US

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EXAMINER SIGNATURE

Examiner Signature	/MOHAMMED R UDDIN/	Date Considered	11/19/2020
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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

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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	/Lehua Wang/	Date (YYYY-MM-DD)	2019-08-30
Name/Print	Lehua Wang	Registration Number	48,023

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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.
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6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
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9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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	Art Unit	2167
	Examiner Name	UDDIN, MOHAMMED R
	Attorney Docket Number	177720-200107/US

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	1	6807558		2004-10-19	Hassett, Gregory P., et al		
	2	8386915		2013-02-26	Howes, Timothy, et al		

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	1	20050257128		2005-11-17	Pasquali, Sandro, et al		
	2	20050267973		2005-12-01	Carlson, Hilding Mark, et al		
	3	20080114861		2008-05-15	Gildred, John Taylor		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		16247361
	Filing Date		2019-01-14
	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	177720-200107/US	

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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
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Examiner Signature	/MOHAMMED R UDDIN/	Date Considered	11/19/2020
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	Attorney Docket Number	177720-200107/US	

CERTIFICATION STATEMENT

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

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

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:	John Shriber, et al.	Examiner:	To be Assigned
Serial No.:	16/247,361	Group Art Unit:	2167
Filed:	January 14, 2019	Confirmation:	6959
Title:	Search Engine		

NOTICE OF RELATED APPLICATIONS

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

Sir/Madam:

Applicant is hereby providing notice that the subject patent application is related to the following U.S. patent applications. Applicant respectfully requests the Examiner to consider the related applications and the prosecution histories of these related applications, such as the current claims, Office Actions and Notices of Allowance, etc.

1.	Title:	Search Engine	
	Serial No.:	13/420,503	Filed on: March 14, 2012
	Inventor(s):	John Shriber, et al	Docket No.: 177720-200101/US
	Examiner:	Mohammed Uddin	Art Unit: 2167
	Patent No.:	9,338,215	Issue Date: May 10, 2016
2.	Title:	Systems and Methods for Enabling a User to Operate on Displayed Web Content Via a Web Browser Plug-in	
	Serial No.:	13/420,507	Filed on: March 14, 2012
	Inventor(s):	John Shriber, et al	Docket No.: 177720-200102/US
	Examiner:	Sang Kim	Art Unit: 2141
	Patent No.:	9,977,800	Issue Date: May 22, 2018
3.	Title:	System and Method for Transmitting a Feed Related to a First User to a Second User	

		Serial No.: 13/420,508	Filed on: March 14, 2012
		Inventor(s): John Shriber, et al	Docket No.: 177720-200103/US
		Examiner: Maikhanh Nguyen	Art Unit: 2176
		Patent No.: 9,058,391	Issue Date: June 16, 2015
<hr/>			
4.	Title:	System and Method for Transmitting Submissions Associated with Web Content	
		Serial No.: 14/717,984	Filed on: May 20, 2015
		Inventor(s): John Shriber, et al	Docket No.: 177720-200104/US
		Examiner: Maikhanh Nguyen	Art Unit: 2176
		Status: Allowed -- Notice of Allowance Not Yet Mailed	Status Date: March 23, 2019
<hr/>			
5.	Title:	Search Engine	
		Serial No.: 15/142,479	Filed on: April 29, 2016
		Inventor(s): John Shriber, et al	Docket No.: 177720-200105/US
		Examiner: Mohammed Uddin	Art Unit: 2167
		Patent No.: 1,018,0952	Issue Date: January 15, 2019
<hr/>			
6.	Title:	Systems and Methods for Enabling a User to Operate on Displayed Web Content Via a Web Browser Plug-in	
		Serial No.: 15/984,163	Filed on: May 18, 2018
		Inventor(s): John Shriber, et al	Docket No.: 177720-200106/US
		Examiner: Sang Kim	Art Unit: 2141
		Status: Docketed New Case - Ready for Examination	Status Date: June 21, 2018
<hr/>			
7.	Title:	System and Method for Transmitting Submissions Associated with Web Content	
		Serial No.: 16/509,425	Filed on:
		Inventor(s): John Shriber, et al	Docket No.: 177720-200108/US
		Examiner:	Art Unit: 2143
		Status: Application Undergoing Preexam Processing	Status Date: July 11, 2019

Respectfully submitted,

/MOHAMMED R UDDIN/

11/19/2020

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App. Ser. No.: 16/247,361

Attorney Docket No.: 177720-200107/US

Date: July 19, 2019

/Lehua Wang/
Lehua Wang
Reg. No. 48,023

GREENBERG TRAURIG, LLP
CUSTOMER NUMBER **64494**
Phone: (650) 328-8500
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Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (02-18)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	16247361
	Filing Date	2019-01-14
	First Named Inventor	JOHN SHRIBER
	Art Unit	2167
	Examiner Name	
	Attorney Docket Number	177720-200108/US

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	1	10180952		2019-01-15	Shriber, et al.	
	2	6199081		2001-03-06	Meyerzon, et al.	
	3	6718365		2004-04-06	Dutta	
	4	7117432		2006-10-03	Shanahan, et al.	
	5	7174346		2007-02-06	Gharachorloo, et al.	
	6	7216290		2007-05-08	Goldstein, et al.	
	7	7613769		2009-11-03	Hess	
	8	7617190		2009-11-10	Wright, et al.	

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	Examiner Name	
	Attorney Docket Number	177720-200108/US

	9	7634535		2009-12-15	Watson	
	10	7640184		2009-12-29	Lunt	
	11	7669123		2010-02-23	Zuckerberg, et al.	
	12	7734610		2010-06-08	Rakowski, et al.	
	13	7957723		2011-06-07	Punaganti Venkata, et al.	
	14	7958115		2011-06-07	Kraft	
	15	7971147		2011-06-28	Subbarao, et al.	
	16	7984056		2011-07-19	Kane	
	17	8037093		2011-10-11	Tiu, Jr., et al.	
	18	8082288		2011-12-20	Yeh, et al.	
	19	8276079		2012-09-25	Davar, et al.	

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	Attorney Docket Number	177720-200108/US	

	20	8290926		2012-10-16	Ozzie, et al.	
	21	8589391		2013-11-19	Reynar, et al.	
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	23	8601055		2013-12-03	Smith, et al.	
	24	8606845		2013-12-10	Dickinson, et al.	
	25	8667385		2014-03-04	Mui, et al.	
	26	8874541		2014-10-28	Vandehey, et al.	
	27	9058391		2015-06-16	Shriber, et al.	
	28	9338215		2016-05-10	Shriber, et al.	
	29	9740794		2017-08-22	Bhumkar, et al.	
	30	9977800		2018-05-22	Shriber, et al.	

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	1	20020194611		2002-12-19	Hodgkinson, Andrew		
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	3	20040019611		2004-01-29	Pearse, Aaron; et al.		
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	5	20050289468		2005-12-29	Kahn, Jessica; et al.		
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	7	20060095507		2006-05-04	Watson; Stuart T.		
	8	20060167860		2006-07-27	Vitaly Eliashberg, et al.		
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	10	20060184617		2006-08-17	Frank C. Nicholas, et al.	
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	15	20070083520		2007-04-12	Jason H. Shellen, et al.	
	16	20070083536		2007-04-12	Benjamin G. Darnell, et al.	
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22	20070266338	2007-11-15	Shirai; Takuya
23	20080021880	2008-01-24	Jing Hui Ren, et al.
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	32	20080294632		2008-11-27	Joon-Kee Chang, et al.	
	33	20080313215		2008-12-18	Tuvik Beker, et al.	
	34	20090144272		2009-06-04	Anurag Adarsh, et al.	
	35	20090217196		2009-08-27	Sam Neff, et al.	
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	37	20090299824		2009-12-03	Barnes, JR.; Melvin L.	
	38	20100011282		2010-01-14	Joe Dollard, et al.	
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	42	20100199340		2010-08-05	Lawrence A. Jonas, et al.	

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	44	20100262597		2010-10-14	Han; Soung-Joo	
	45	20100280860		2010-11-04	Alexander Iskold, et al.	
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	47	20100313252		2010-12-09	Trouw; Erie	
	48	20110043652		2011-02-24	Martin T. King, et al.	
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	50	20110179020		2011-07-21	Raymond Ozzie, et al.	
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	Attorney Docket Number	177720-200108/US

	54	20110258526		2011-10-20	TASSANEE K. SUPAKKUL, et al.	
	55	20120102048		2012-04-26	Heer, David de	
	56	20120158753		2012-06-21	Ray C. He, et al.	
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	58	20120166453		2012-06-28	Broder, Andrei	
	59	20120239639		2012-09-20	John S. Shriber, et al.	
	60	20120240030		2012-09-20	John S. Shriber, et al.	
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Examiner Signature	/MOHAMMED R UDDIN/
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See attached certification statement.

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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	/Lehua Wang/	Date (YYYY-MM-DD)	2019-02-22
Name/Print	Lehua Wang	Registration Number	48,023

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5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	16247361
	Filing Date	2019-01-14
	First Named Inventor	JOHN SHRIBER
	Art Unit	2167
	Examiner Name	
	Attorney Docket Number	177720-200107/US

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	Filing Date		2019-01-14
	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name		
	Attorney Docket Number	177720-200107/US	

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EXAMINER SIGNATURE

Examiner Signature	/MOHAMMED R UDDIN/	Date Considered	11/19/2020
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¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

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	Filing Date		2019-01-14
	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name		
	Attorney Docket Number	177720-200107/US	

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	/Lehua Wang/	Date (YYYY-MM-DD)	2020-01-13
Name/Print	Lehua Wang	Registration Number	48,023

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CONFIRMATION NO. 6959

SERIAL NUMBER 16/247,361	FILING or 371(c) DATE 01/14/2019 RULE	CLASS 707	GROUP ART UNIT 2167	ATTORNEY DOCKET NO. 177720-200107/US		
APPLICANTS NEWSPLUG, INC., New York, NY; INVENTORS John S. Shriber, New York, NY; Roman Zaks, New York, NY; ** CONTINUING DATA ** YES ***** MU ***** This application is a CON of 15/142,479 04/29/2016 PAT 10180952 which is a CON of 13/420,503 03/14/2012 PAT 9338215 which claims benefit of 61/452,595 03/14/2011 ** FOREIGN APPLICATIONS ** NO ***** MU ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** SMALL ENTITY ** 02/06/2019						
Foreign Priority claimed ☐ Yes ☒ No 35 USC 119(a-d) conditions met ☐ Yes ☒ No Verified and /MOHAMMED R UDDIN/ Acknowledged Examiner's Signature		☐ Met after Allowance Initials	STATE OR COUNTRY NY	SHEETS DRAWINGS 17	TOTAL CLAIMS 20	INDEPENDENT CLAIMS 3
ADDRESS GREENBERG TRAUIG, LLP (SV) c/o: Greenberg Traurig LLP - Chicago Office 77 West Wacker Drive, Suite 3100 Intellectual Property Department Chicago, IL 60601 UNITED STATES						
TITLE Search Engine						
FILING FEE RECEIVED 865	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit			

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875			Application or Docket Number 16/247,361		Filing Date 01/14/2019		☐ To be Mailed	
ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO								
APPLICATION AS FILED - PART I								
		(Column 1)	(Column 2)					
FOR		NUMBER FILED	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), (j), 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 \$50 =			
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 =	*		x \$230 =			
☐ 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								
		(Column 1)	(Column 2)		(Column 3)			
AMENDMENT	03/24/2021	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	* 20	Minus	** 20	= 0	x \$50 =	0	
	Independent (37 CFR 1.16(h))	* 3	Minus	*** 3	= 0	x \$240 =	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	
		(Column 1)	(Column 2)		(Column 3)			
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	*	Minus	**	=	x \$0 =		
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x \$0 =		
	☐ 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.						LIE		
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".						/CAROL A BARNES/		
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:	JOHN SHRIBER et al.	Examiner:	MOHAMMED UDDIN
Serial No.:	16/247,361	Art Unit:	2167
Filed:	January 14, 2019	Confirmation:	6959
Title:	Search Engine		

RESPONSE TO NON-FINAL OFFICE ACTION

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

Dear Commissioner:

In response to the Non-Final Office Action mailed November 24, 2020, please kindly enter the following amendments and consider the following remarks/arguments:

The Listing of Claims begins on page 2 of this paper; and

Remarks/Arguments begin on page 6 of this paper.

Please charge the fee of \$110 for a one-month extension of time for a small entity to Deposit Account No. 50-2638. It is believed that no further extensions and no additional expenses are necessary for this response. However, please charge any necessary fees or deposit any refunds to Deposit Account No. 50-2638.

CLAIMS

1. (Original) A method comprising:
receiving, by a server computer from a first client computer operated by a first user, an identification of first web content displayed by a web browser of the first client computer in a main browser window, the identification of the first web content transmitted by the first user to the server computer via a user interface separate from the main browser window;
indexing, by the server computer, the first web content; and
in response to receiving a search query from a web browser of a second client computer operated by a second user, transmitting, by the server computer, search results to the web browser of the second client computer, the search results comprising the first web content identified by the first user in a position relative to identifications of other web content received from other users.
2. (Original) The method of claim 1, wherein the receiving of the identification of first web content further comprises receiving, by the server computer, a rating associated with the first web content from the first user.
3. (Original) The method of claim 2, wherein the receiving of the identification of first web content further comprises receiving, by the server computer, ratings associated with the other web content from the other users.
4. (Original) The method of claim 3, further comprising ranking, by the server computer, the first web content from the rating in relation to the ratings of the other web content received from the other users.
5. (Original) The method of claim 2, wherein the rating associated with the first web content is selected from a group of rating types consisting of like, dislike, and neutral.
6. (Original) The method of claim 1, wherein the indexing of the first web content further comprises receiving, by the server computer, keywords for the first web content.
7. (Original) The method of claim 1, wherein the receiving of the identification of the first web content further comprises receiving, by the server computer from the first client computer, a comment on the first web content.
8. (Original) The method of claim 1, wherein the first web content is same as the other web content.

9. (Original) The method of claim 1, wherein the receiving of an identification of first web content further comprises receiving a rating on the first web content, wherein the rating is a score assigned by the user of the first client computer.
10. (Original) A computing device comprising:
 - at least one processor; and a storage medium tangibly storing thereon program logic configured to instruct the at least one processor to at least:
 - receive, from a first client computer operated by a first user, an identification of first web content displayed by a web browser of the first client computer in a main browser window, the identification of the first web content transmitted by the first user via a user interface separate from the main browser window;
 - index the first web content; and in response to receiving a search query from a web browser of a second client computer operated by a second user, transmit search results to the web browser of the second client computer, the search results comprising the first web content identified by the first user in a position relative to identifications of other web content received from other users.
11. (Original) The computing device of claim 10, wherein the program logic configured to instruct the at least one processor to receive further comprises program logic to instruct the at least one processor to receive a rating associated with the first web content from the first user.
12. (Original) The computing device of claim 10, wherein the program logic configured to instruct the at least one processor to receive further comprises program logic to instruct the at least one processor to receive ratings associated with the other web content from the other users.
13. (Original) The computing device of claim 12, further comprising program logic configured to instruct the at least one processor to rank the first web content from the rating in relation to the ratings of the other web content received from the other users.
14. (Original) The computing device of claim 11, wherein the rating associated with the first web content is selected from a group of rating types consisting of like, dislike, and neutral.

15. (Original) The computing device of claim 10, wherein program logic configured to instruct the at least one processor to index further comprises program logic configured to instruct the at least one processor to receive keywords for the first web content.
16. (Original) The computing device of claim 10, wherein the program logic configured to instruct the at least one processor to receive further comprises program logic to instruct the at least one processor to receive, from the first client computer, a comment on the first web content.
17. (Original) The computing device of claim 10, wherein the first web content is the same as the other web content.
18. (Original) The computing device of claim 10, wherein the program logic configured to instruct the at least one processor to receive further comprises program logic to instruct the at least one processor to receive a rating on the first web content, wherein the rating is a score assigned by the user of the first client computer.
19. (Original) A non-transitory computer readable storage medium storing computer program instructions configured instruct a computer processor to perform at least:
 - receiving, by a server computer from a first client computer operated by a first user, an identification of first web content displayed by a web browser of the first client computer in a main browser window, and a user content created by the first user of the web browser;
 - indexing, by the server computer, the first web content based at least in part on the user content; storing, by the server computer, the user content in association with the identification of the first web content; and
 - in response to receiving a search query from a web browser of a second client computer operated by a second user, transmitting, by the server computer, search results to the web browser of the second client computer, the search results comprising the identification of the first web content and the user content associated with the first web content.
20. (Original) The non-transitory computer readable storage medium of claim 19, wherein the user content including a comment on the first web content and a rating of the first web content by the first user; and wherein the user content and the identification of the first web content are composed in a user interface separate from the main browser window for

transmission to the server computer, while the web content is displayed in the main browser window.

REMARKS

The foregoing amendment and the following arguments are provided generally to impart precision to the claims, by more particularly pointing out the invention, rather than to avoid prior art.

Rejections under 35 U.S.C. §103

Claims 1-18 and 20 are rejected under pre-AIA 35 U.S.C. 103 (a) as being unpatentable over Verma (US 7,801,885 B1) (hereafter “Verma”), in view of Cierniak et al (US 2011/0040787 A1) (hereafter “Verma”). Applicant respectfully traverses the rejection. Applicant notes that claim 20 is not discussed relative to this rejection in the Office Action. Thus, the undersigned is of the understanding that the rejection is of claims 1-18.

For at least the following reasons, Verma and Cierniak, alone or in combination, do not teach or suggest every feature from claim 1. Claim 1 recites:

“A method comprising:

receiving, by a server computer from a first client computer operated by a first user, an identification of first web content displayed by a web browser of the first client computer in a main browser window, the identification of the first web content transmitted by the first user to the server computer via a user interface separate from the main browser window;

indexing, by the server computer, the first web content; and

in response to receiving a search query from a web browser of a second client computer operated by a second user, transmitting, by the server computer, search results to the web browser of the second client computer, the search results comprising the first web content identified by the first user in a position relative to identifications of other web content received from other users.”

Verma and Cierniak at least do not teach or suggest “transmitting, by the server computer, search results to the web browser of the second client computer, the search results comprising the first web content identified by the first user in a position relative to identifications of other web content received from other users.”

Verma “relates to internet search engines, and in particular, to internet search engines that use feedback to refine search results.” (Verma at 1:19-21.) Verma teaches:

“According to one embodiment of the present invention, a user goes to an internet search engine and uses it to perform a search query. The search engine produces its search results on a search result web page. The user then clicks on a search result. The resulting website that comes out of the click is opened up on another web page. That web page has a header of the original search engine with the resulting webpage

beneath it. The header has wording such as “Do you recommend this site, yes or no.” If user clicks yes, that website URL is placed into a database and is cross-indexed to the search query the user entered. After the URL and query have been recorded by the database, then the next time a user goes to the search engine and types in the same query, a “user recommended heading shows on the results page with the indexed URL (that was previously recommended) shown below. These “user recommended results may be intermixed with, or segregated from, **the regular search results that are returned by the internet search engine.**” (Verma at 2:45-62 (emphasis added).)

That is, Verma describes a system which finds “regular search results” and refines the search results based on “user recommended results.” Verma teaches that “regular search results” are obtained “from a different database than accessed in step 204. For example, the search engine 1102 accesses the search database 1104 using the query, to generate the regular search results.” (Verma at 6:18-26.) To populate search database 1104, the “search engine 1102 may also include a crawler component and an indexer component for gathering data from the internet (not shown) to populate the search database 1104.” (Verma at 4:39-41.) That is, Verma still utilizes a “regular” search engine to obtain results, then refines those results based on the “user recommended results.”

Conversely, claim 1 recites a method in which a server computer receives “from a first client computer operated by a first user, an identification of first web content displayed by a web browser of the first client computer in a main browser window, the identification of the first web content transmitted by the first user to the server computer via a user interface separate from the main browser window.” The first web content as received is indexed by the server computer. And, “in response to receiving a search query from a web browser of a second client computer operated by a second user, transmitting, by the server computer, search results to the web browser of the second client computer, the search results comprising the first web content identified by the first user in a position relative to identifications of other web content received from other users.” That is, the search results utilize the indexed first web content. As described in the present application, as a result:

“unlike other search engines, such as GOOGLE® and BING®, which use bots/web crawlers to follow links in web pages to discover content and then sort the indexed content through an algorithm, the ranking of the web content in the search results 290 is based on human input (e.g., human ratings, such as like, dislike, or neutral). Thus, the human input affects the search results in real time.” (0040.)

Thus, Verma does not teach or suggest every feature from claim 1. Cierniak does not remedy the deficiencies of Verma. For at least the above reasons, claim 1 is patentable over Verma

and Cierniak. Claim 10, though different in scope from claim 1, is patentable for at least the same reasons as claim 1. The remaining claims depend from claim 1 or claim 10 and are patentable at least by their dependency. Applicant does not concede the correctness of the rejection for claim features not discussed. Applicant requests favorable reconsideration of the claims and withdrawal of the rejection.

Claim 20 is rejected under pre-AIA 35 U.S.C. 103 (a) as being unpatentable over Verma in view of Cierniak. Applicant respectfully traverses the rejection.

Claim 20 depends from claim 19 and is thus patentable by virtue of its dependency. Applicant does not concede the correctness of the rejection for claim features not discussed. Applicant requests favorable reconsideration of the claim and withdrawal of the rejection.

Rejections under 35 U.S.C. §102

Claim 19 is rejected under pre-AIA 35 U.S.C. 102 (b) as being anticipated by Verma. Applicant respectfully traverses the rejection.

Although claim 19 is different in scope from claim 1, claim 19 is not anticipated by Verma for at least the same reasons as discussed above regarding claim 1. Applicant does not concede the correctness of the rejection for claim features not discussed. Applicant requests favorable reconsideration of the claim and withdrawal of the rejection.

* _ * _ *

CONCLUSION

It is respectfully submitted that all of the Examiner's objections have been successfully traversed and that the application is now in order for allowance. Accordingly, reconsideration of the application and allowance thereof is courteously solicited.

Authorization is hereby provided to charge any fees which may be required for the present filing, or credit any overpayment, to Deposit Account No. 50-2638.

Date: March 24, 2021

Respectfully submitted,

/rds/

Ryan D. Sharp

Reg. No. 71,552

GREENBERG TRAURIG, LLP

CUSTOMER NUMBER **64494**

Phone: (612) 259-9700

Electronic Patent Application Fee Transmittal				
Application Number:		16247361		
Filing Date:		14-Jan-2019		
Title of Invention:		Search Engine		
First Named Inventor/Applicant Name:		John S. Shriber		
Filer:		Ryan Douglas Sharp/Whitney Escalanti		
Attorney Docket Number:		177720-200107/US		
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 - 1 month with \$0 paid	2251	1	110	110
Miscellaneous:				
Total in USD (\$)				110

Electronic Acknowledgement Receipt	
EFS ID:	42275483
Application Number:	16247361
International Application Number:	
Confirmation Number:	6959
Title of Invention:	Search Engine
First Named Inventor/Applicant Name:	John S. Shriber
Customer Number:	64494
Filer:	Ryan Douglas Sharp/Whitney Escalanti
Filer Authorized By:	Ryan Douglas Sharp
Attorney Docket Number:	177720-200107/US
Receipt Date:	24-MAR-2021
Filing Date:	14-JAN-2019
Time Stamp:	20:26:36
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$110
RAM confirmation Number	E20213NK27002765
Deposit Account	502638
Authorized User	Whitney Escalanti
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: 37 CFR 1.16 (National application filing, search, and examination fees) 37 CFR 1.17 (Patent application and reexamination processing fees)	

37 CFR 1.19 (Document supply fees)					
37 CFR 1.20 (Post Issuance fees)					
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		2021-03-24_RFOA_177720-200107.pdf	138111	yes	9
			f12e5254ce8d30b8ae7c73315a08fc35f5951336		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment/Req. Reconsideration-After Non-Final Reject		1	1	
	Claims		2	5	
	Applicant Arguments/Remarks Made in an Amendment		6	9	
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30072	no	2
			efb749a8639609a246162bcb2b526c560e86fe29		
Warnings:					
Information:					
Total Files Size (in bytes):			168183		

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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.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	16247361
	Filing Date	
	First Named Inventor	
	Art Unit	2167
	Examiner Name	
	Attorney Docket Number	177720-200107/US

U.S.PATENTS							Remove	
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		
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Examiner Initial*	Cite No	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	20040030697		2004-02-12	Cochran, Thomas Eric, et al			
	2	20090132949		2009-05-21	Bosarge, Jason			
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Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²ⁱ	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
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		16247361
	Filing Date		
	First Named Inventor		
	Art Unit	2167	
	Examiner Name		
	Attorney Docket Number	177720-200107/US	

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
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EXAMINER SIGNATURE

Examiner Signature		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.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	16247361
	Filing Date	
	First Named Inventor	
	Art Unit	2167
	Examiner Name	
	Attorney Docket Number	177720-200107/US

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	/Lehua Wang/	Date (YYYY-MM-DD)	2021-03-30
Name/Print	Lehua Wang	Registration Number	48,023

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

Electronic Acknowledgement Receipt	
EFS ID:	42327348
Application Number:	16247361
International Application Number:	
Confirmation Number:	6959
Title of Invention:	Search Engine
First Named Inventor/Applicant Name:	John S. Shriber
Customer Number:	64494
Filer:	Lehua Wang/Allison Hung
Filer Authorized By:	Lehua Wang
Attorney Docket Number:	177720-200107/US
Receipt Date:	30-MAR-2021
Filing Date:	14-JAN-2019
Time Stamp:	23:27:50
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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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)	177720-200107_IDS.pdf	1006389 7762bc8ba5ec08c962082c59b8b7f27eeb644504	no	4

Warnings:

Information:	
Total Files Size (in bytes):	1006389
<p>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.</p> <p><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.</p> <p><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.</p> <p><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.</p>	

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (02-18)

Approved for use through 11/30/2020. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	16247361
	Filing Date	2019-01-14
	First Named Inventor	John S. SHRIBER
	Art Unit	2167
	Examiner Name	UDDIN, MOHAMMED R
	Attorney Docket Number	177720-200107/US

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	8020106		2011-09-13	Diab, Ali, et al		
	2	8190997		2012-05-29	Shellen, Jason H., et al		
	3	9645700		2017-05-09	Tsai, Daniel E.		
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	20060230021		2006-10-12	Diab, Ali, et al		
	2	20070033517		2007-02-08	O'shaughnessy, Timothy John, et al		
	3	20150370417		2015-12-24	Tsai, Daniel E.		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		16247361
	Filing Date		2019-01-14
	First Named Inventor	John S. SHRIBER	
	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	177720-200107/US	

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
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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
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Examiner Signature		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.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		16247361
	Filing Date		2019-01-14
	First Named Inventor	John S. SHRIBER	
	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	177720-200107/US	

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	/Lehua Wang/	Date (YYYY-MM-DD)	2021-05-11
Name/Print	Lehua Wang	Registration Number	48,023

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 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).
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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)).
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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:	42696284
Application Number:	16247361
International Application Number:	
Confirmation Number:	6959
Title of Invention:	Search Engine
First Named Inventor/Applicant Name:	John S. Shriber
Customer Number:	64494
Filer:	Lehua Wang/Allison Hung
Filer Authorized By:	Lehua Wang
Attorney Docket Number:	177720-200107/US
Receipt Date:	11-MAY-2021
Filing Date:	14-JAN-2019
Time Stamp:	17:06:40
Application Type:	Utility under 35 USC 111(a)

Payment information:

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	177720-200107_IDS.pdf	1006626 d0a7f60f4fa5d7ec1f17efd4fd8d57999586f195	no	4

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<p>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.</p> <p><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.</p> <p><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.</p> <p><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.</p>	



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

64494 7590 05/13/2021
GREENBERG TRAURIG, LLP (SV)
c/o: Greenberg Traurig LLP - Chicago Office
77 West Wacker Drive, Suite 3100
Intellectual Property Department
Chicago, IL 60601

EXAMINER

UDDIN, MOHAMMED R

ART UNIT

PAPER NUMBER

2167

DATE MAILED: 05/13/2021

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/247,361	01/14/2019	John S. Shriber	177720-200107/US	6959

TITLE OF INVENTION: Search Engine

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$600	\$0.00	\$0.00	\$600	08/13/2021

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: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (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)

64494 7590 05/13/2021
GREENBERG TRAURIG, LLP (SV)
c/o: Greenberg Traurig LLP - Chicago Office
77 West Wacker Drive, Suite 3100
Intellectual Property Department
Chicago, IL 60601

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 transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/247,361	01/14/2019	John S. Shriber	177720-200107/US	6959

TITLE OF INVENTION: Search Engine

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$600	\$0.00	\$0.00	\$600	08/13/2021

EXAMINER	ART UNIT	CLASS-SUBCLASS
UDDIN, MOHAMMED R	2167	707-711000

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 03-09 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,

1 _____

(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.

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 must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). 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. Fees submitted: ☐ Issue Fee ☐ Publication Fee (if required) ☐ Advance Order - # of Copies _____

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

☐ Electronic Payment via EFS-Web ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. Change in Entity Status (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

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.

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.

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. _____



UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/247,361	01/14/2019	John S. Shriber	177720-200107/US	6959
64494	7590	05/13/2021	EXAMINER	
GREENBERG TRAURIG, LLP (SV) c/o: Greenberg Traurig LLP - Chicago Office 77 West Wacker Drive, Suite 3100 Intellectual Property Department Chicago, IL 60601			UDDIN, MOHAMMED R	
			ART UNIT	PAPER NUMBER
			2167	
DATE MAILED: 05/13/2021				

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 30 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. 16/247,361	Applicant(s) Shriber et al.	
	Examiner MOHAMMED R UDDIN	Art Unit 2167	AIA (FITF) 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 March 24, 2021.
☐ 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 1-20. 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 ____.
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	/ MOHAMMED R UDDIN/ Primary Examiner, Art Unit 2167
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Notice of Pre-AIA or AIA Status

1. The present application is being examined under the pre-AIA first to invent provisions.
2. This action is in response to the communication filed on March 24, 2021.
3. Applicant's amendment filed on March 24, 2021 has been received, entered into the record and considered.
4. After a thorough search and examination of the present application and in light of the prior art made of record and applicant's amendment and remarks filed on March 24, 2021, claims 1-20 are allowed.

Information Disclosure Statement

5. The information disclosure statement (IDS) submitted on 03/30/2021. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Allowable Subject Matter

6. Claims 1-20 are allowed.
7. The following is an examiner statement of reason for allowance:

Interpreting the claims in light of the specification examiner find the claimed invention is patentably distinct from the prior art of record. The prior art of record does not explicitly disclose or render obvious the claimed invention as a whole as recited in the amended independent claim 1, 10 and 19.

An updated search of prior art in domains (EAST, Google, Google Scholar, and ip.com) has been conducted. The prior art searched and investigated do not fairly teach or suggest teaching of the subject matter as described by the combination of the element presented in each of the independent claims 1, 10 and 19.

The dependent claims 2-9 depending on independent claim 1, dependent claims 11-18 depending on independent claim 10, and dependent claim 20 depending on independent claim 19 are also distinct from the prior art for the same reasons.

8. Any comments considered necessary by applicant must be submitted no later than the payment of issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submission should be clearly labeled "Comments on Statement of Reasons for Allowance".

Contact Information

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to MOHAMMED R UDDIN whose telephone number is (571)270-3138. The examiner can normally be reached on M-F: 9:00 AM-5:00 PM.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Beausoliel Robert can be reached on 571-272-3645. 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 <https://ppair-my.uspto.gov/pair/PrivatePair>. 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.

/MOHAMMED R UDDIN/
Primary Examiner, Art Unit 2167

Issue Classification 	Application/Control No. 16/247,361	Applicant(s)/Patent Under Reexamination Shriber et al.
	Examiner MOHAMMED R UDDIN	Art Unit 2167

CPC						
Symbol					Type	Version
G06F	/	16	/	951	F	2019-01-01
G06Q	/	10	/	10	I	2013-01-01
G06F	/	16	/	22	I	2019-01-01
G06F	/	16	/	248	I	2019-01-01
G06F	/	16	/	9535	I	2019-01-01
G06F	/	16	/	24578	I	2019-01-01
G06F	/	40	/	35	I	2020-01-01
G06F	/	3	/	0482	I	2013-01-01
G06F	/	3	/	04842	I	2013-01-01
H04L	/	67	/	02	I	2013-01-01
H04L	/	67	/	10	I	2013-01-01

CPC Combination Sets								
Symbol					Type	Set	Ranking	Version
G06F	/	40	/	169	A	1	1	2020-01-01
G06F	/	40	/	166	A	1	2	2020-01-01

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	20	
/MOHAMMED R UDDIN/ Primary Examiner, Art Unit 2167 (Primary Examiner)	08 May 2021 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 1

Issue Classification 	Application/Control No. 16/247,361	Applicant(s)/Patent Under Reexamination Shriber et al.
	Examiner MOHAMMED R UDDIN	Art Unit 2167

INTERNATIONAL CLASSIFICATION				
CLAIMED				
G06F	/	7	/	00
NON-CLAIMED				
	/		/	

US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS

CROSS REFERENCES(S)						
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	20	
/MOHAMMED R UDDIN/ Primary Examiner, Art Unit 2167 (Primary Examiner)	08 May 2021 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 1

Issue Classification 	Application/Control No. 16/247,361	Applicant(s)/Patent Under Reexamination Shriber et al.
	Examiner MOHAMMED R UDDIN	Art Unit 2167

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47															
CLAIMS															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1	10	10	19	19										
2	2	11	11	20	20										
3	3	12	12												
4	4	13	13												
5	5	14	14												
6	6	15	15												
7	7	16	16												
8	8	17	17												
9	9	18	18												

NONE (Assistant Examiner)		Total Claims Allowed: 20	
/MOHAMMED R UDDIN/ Primary Examiner, Art Unit 2167 (Primary Examiner)		08 May 2021 (Date)	O.G. Print Claim(s) 1
			O.G. Print Figure 1

<i>Search Notes</i> 	Application/Control No. 16/247,361	Applicant(s)/Patent Under Reexamination Shriber et al.
	Examiner MOHAMMED R UDDIN	Art Unit 2167

CPC - Searched*		
Symbol	Date	Examiner
G06F16/22 G06F16/248 G06F16/951 G06F16/9535 G06F16/24578	11/19/2020	M. Uddin

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

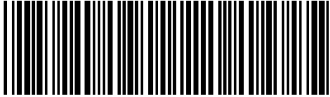
Search Notes		
Search Notes	Date	Examiner
EAST Searched: See attached EAST Search History	11/19/2020	M. Uddin
Inventor Searched: See attached EAST Search History	11/19/2020	M. Uddin
Search Updated	05/08/2021	M. Uddin
EAST Database Searched: USPAT; US-PGPUB; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	05/08/2021	M. Uddin
NPL Searched: Google; Google Scholar; ip.com	05/08/2021	M. Uddin

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<i>Search Notes</i> 	Application/Control No. 16/247,361	Applicant(s)/Patent Under Reexamination Shriber et al.
	Examiner MOHAMMED R UDDIN	Art Unit 2167

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
G06F16/22	G06F16/248 G06F16/951 G06F16/9535 G06F16/24578	11/19/2020	M. Uddin
G06F16/22	G06F16/248 G06F16/951 G06F16/9535 G06F16/24578	05/08/2021	M. Uddin

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<i>Index of Claims</i> 	Application/Control No. 16/247,361	Applicant(s)/Patent Under Reexamination Shriber et al.
	Examiner MOHAMMED R UDDIN	Art Unit 2167

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

CLAIMS										
☐ Claims renumbered in the same order as presented by applicant				☐ CPA		☐ T.D.		☐ R.1.47		
CLAIM		DATE								
Final	Original	11/19/2020	05/08/2021							
1	1	✓	=							
2	2	✓	=							
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20	20	✓	=							

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		16247361
	Filing Date		01/14/2019
	First Named Inventor	John Shriber	
	Art Unit	2167	
	Examiner Name	Uddin Mohammed R	
	Attorney Docket Number		177720-200107/US

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	1	20040030697		2004-02-12	Cochran, Thomas Eric, et al			
	2	20090132949		2009-05-21	Bosarge, Jason			
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	Filing Date		01/14/2019
	First Named Inventor	John Shriber	
	Art Unit	2167 Uddin Mohammed R	
	Examiner Name		
	Attorney Docket Number	177720-200107/US	

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Examiner Signature	/MOHAMMED R UDDIN/	Date Considered	05/08/2021
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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.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		16247361
	Filing Date		01/14/2019
	First Named Inventor	John Shriber	
	Art Unit	2167	
	Examiner Name	Uddin Mohammed R	
	Attorney Docket Number		177720-200107/US

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	/Lehua Wang/	Date (YYYY-MM-DD)	2021-03-30
Name/Print	Lehua Wang	Registration Number	48,023

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EAST Search History

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	15	l4 and ((search\$3 or quer\$3) near4 result) with position with (pop\$up or second\$3 or another or different or other)	US-PGPUB; USPAT	OR	ON	2021/05/08 15:57
L4	4,698	(display\$3 or present\$3) with (web near3 (page or site or content)) with (pop\$up or second\$3 or another or different or other) near4 (screen or interface or window)	US-PGPUB; USPAT	OR	ON	2021/05/08 15:47
L3	86	l2 and (web near4 (page or content)) with (browser with (second or another or different or other) near3 (user or client)) same (browser with (first near4 (vlient or user)))	US-PGPUB; USPAT	OR	ON	2021/05/08 15:40
L2	69,951	(G06F16/22 G06F16/248 G06F16/951 G06F16/9535 G06F16/24578).cpc.	US-PGPUB; USPAT	OR	ON	2021/05/08 15:39
S285	338	S284 and (browser with (second or another or different or other) near3 (user or client)) same (browser with (first near4 (vlient or user)))	US-PGPUB; USPAT	OR	ON	2021/05/08 13:28
S284	69,951	(G06F16/22 G06F16/248 G06F16/951 G06F16/9535 G06F16/24578).cpc.	US-PGPUB; USPAT	OR	ON	2021/05/08 13:27
S283	2	("9338215" "10180952").pn.	US-PGPUB; USPAT	OR	ON	2021/05/08 13:08
S263	3	("20110040787" "7801885" "8589391").pn.	US-PGPUB; USPAT	OR	ON	2020/11/07 16:50
S262	2	("20110040787" "7801885").pn.	US-PGPUB; USPAT	OR	ON	2020/11/07 15:52
S228	66	S227 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT	OR	ON	2020/11/05 16:53
S227	203	S226 and plug\$in and index\$3	US-PGPUB; USPAT	OR	ON	2020/11/05 16:53
S226	1,141	S224 and (search\$3 or quer\$3) near4 result with (identificat\$3 or select\$3 or identify\$3) with (content or page or "news" or video or song or article or post)	US-PGPUB; USPAT	OR	ON	2020/11/05 16:52

S225	997	S224 and (search\$3 or quer\$3) near4 result with (identificat\$3 or select\$3) with (content or page or "news" or video or song or article or post)	US-PGPUB; USPAT	OR	ON	2020/11/05 16:51
S224	12,254	S223 and (rank\$3 or scor\$3 or weight\$3) with (content or page or "news" or video or song or article or post)	US-PGPUB; USPAT	OR	ON	2020/11/05 16:50
S223	37,409	(rate or rating) with (content or page or "news" or video or song or article or post) with (like or dislike or vote or thumb\$up or star)	US-PGPUB; USPAT	OR	ON	2020/11/05 16:48
S222	36	S221 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT	OR	ON	2020/11/05 16:45
S221	58	S220 and index\$3 with (content or page or news or video or song or article or post) with (like or dislike or vote or thumb\$up or star)	US-PGPUB; USPAT	OR	ON	2020/11/05 16:44
S220	421	S215 and plug\$in with server	US-PGPUB; USPAT	OR	ON	2020/11/05 16:44
S219	262	S217 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT	OR	ON	2020/11/05 16:43
S218	20,553	"l0" and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT	OR	ON	2020/11/05 16:43
S217	337	S216 and index\$3 with (content or page or news or video or song or article or post) with (like or dislike or vote or thumb\$up or star)	US-PGPUB; USPAT	OR	ON	2020/11/05 16:40
S216	2,769	S215 and plug\$in	US-PGPUB; USPAT	OR	ON	2020/11/05 16:39
S215	37,409	(rate or rating) with (content or page or news or video or song or article or post) with (like or dislike or vote or thumb\$up or star)	US-PGPUB; USPAT	OR	ON	2020/11/05 16:36
S214	42	S213 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT	OR	ON	2020/11/05 16:22
S213	64	index\$3 with (web near4 (page or content)) with ((user or client) near4 (comment or rate or rating or frdback or recommendat\$3 or suggest\$3 or vote or thumb\$up))	US-PGPUB; USPAT	OR	ON	2020/11/05 16:21

S212	26	S211 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT	OR	ON	2020/11/05 12:23
S211	34	S210 and (brows\$3 with (first near4 (user or client))) and ((brows\$3 with (second or other or another or different or group) near4 (user or client)))	US-PGPUB; USPAT	OR	ON	2020/11/05 12:22
S210	973	S209 and ((rate or rating or comment\$3 or suggest\$3 or recommend\$5 or feedback or vote or thumb\$up) with (content or page or news or article or video or media))	US-PGPUB; USPAT	OR	ON	2020/11/05 12:19
S209	4,044	activat\$3 with plug\$in	US-PGPUB; USPAT	OR	ON	2020/11/05 12:13
S208	97	S207 and ((quer\$3 or search\$3) with result\$3)	US-PGPUB; USPAT	OR	ON	2020/11/05 09:49
S207	121	S206 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT	OR	ON	2020/11/05 09:40
S206	180	S205 and (rank\$3 or scor\$3 or weight\$3) with (rate or rating or comment\$3 or suggest\$3 or recommend\$5 or feedback or vote or thumb\$up)	US-PGPUB; USPAT	OR	ON	2020/11/05 09:38
S205	400	S204 and (server or database or stor\$3 or repositor\$3) with (receiv\$3 or send\$3 or transmit\$4) with (rate or rating or comment\$3 or suggest\$3 or recommend\$5 or feedback or vote or thumb\$up)	US-PGPUB; USPAT	OR	ON	2020/11/05 09:35
S204	1,032	S203 and (brows\$3 with plug\$in)	US-PGPUB; USPAT	OR	ON	2020/11/05 09:33
S203	4,515	((rate or rating or comment\$3 or suggest\$3 or recommend\$5 or feedback or vote or thumb\$up) with plug\$in)	US-PGPUB; USPAT	OR	ON	2020/11/05 09:32
S167	11	S166 and index\$3 with (comment\$3 or rate or rating or rank\$3 or scor\$3 or weight\$3 or shar\$3) with (article or blog or post\$3 or page)	US-PGPUB; USPAT	OR	ON	2018/09/02 12:20
S166	180	S165 and (plug\$in with brows\$3)	US-PGPUB; USPAT	OR	ON	2018/09/02 12:20
S165	9,093	707/999.102.ccls.	US-PGPUB; USPAT	OR	OFF	2018/09/02 12:19

S164	3,599	"l21" and plug\$in with browsernd (display\$3 or present\$3) with (web near3 (page or site)) with (pop\$up or second\$3 or another or different) near4 (screen or interface or window)	US-PGPUB; USPAT	OR	ON	2018/09/02 12:19
S163	37	S162 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT	OR	ON	2018/09/02 11:12
S162	44	S160 and plug\$in	US-PGPUB; USPAT	OR	ON	2018/09/02 11:12
S161	2	S160 and (display\$3 or present\$3) with (web near3 (page or site)) with (pop\$up or second\$3 or another or different) near4 (screen or interface or window)	US-PGPUB; USPAT	OR	ON	2018/09/02 11:11
S160	212	S159 and index\$3 with (comment\$3 or rate or rating or rank\$3 or scor\$3 or weight\$3 or shar\$3) with (article or blog or post\$3 or page)	US-PGPUB; USPAT	OR	ON	2018/09/02 11:11
S159	5,442	707/711,748,793,805.ccls.	US-PGPUB; USPAT	OR	ON	2018/09/02 11:10
S158	13	S156 and (rank\$3 or scor\$4 or weight\$3) with (rate or rating or comment\$3 or suggest\$3 or recommend\$5)	US-PGPUB; USPAT	OR	ON	2018/09/02 11:09
S157	10	S156 and (rank\$3 or scor\$4 or weight\$3) with (rate or rating)	US-PGPUB; USPAT	OR	ON	2018/09/02 11:09
S156	118	S155 and ((screen or interface or window or browser or display) with setting)	US-PGPUB; USPAT	OR	ON	2018/09/02 11:09
S155	643	S154 and (display\$3 or present\$3) with (web near3 (page or site)) with (pop\$up or second\$3 or another or different) near4 (screen or interface or window)	US-PGPUB; USPAT	OR	ON	2018/09/02 11:08
S154	167,548	"707".clas.	US-PGPUB; USPAT	OR	ON	2018/09/02 11:07
S153	13	S152 and (index\$3 with (third near4 party) with (content or information or page or site))	US-PGPUB; USPAT	OR	ON	2018/09/02 11:07
S152	740	(plug\$in with (third near4 party) with (content or information or page or site))	US-PGPUB; USPAT	OR	ON	2018/09/02 11:06
S151	68	S149 and ((screen or interface or window or browser or display) with setting)	US-PGPUB; USPAT	OR	ON	2018/09/02 11:02

S150	68	S149 and(screen or interface or window or browser or display) with setting	US-PGPUB; USPAT	OR	ON	2018/09/02 11:02
S149	245	(pull\$3 near4 (portion or part or "some")) near4 (web near4 (page or site)) with plug\$in	US-PGPUB; USPAT	OR	ON	2018/09/02 11:01
S148	28	S147 and index\$3	US-PGPUB; USPAT	OR	ON	2018/09/02 10:56
S147	55	S146 and ((screen or interface or window or browser) with plug\$in)	US-PGPUB; USPAT	OR	ON	2018/09/02 10:55
S146	296	S145 and (rank\$3 or scor\$4 or weight\$3) with (rate or rating)	US-PGPUB; USPAT	OR	ON	2018/09/02 10:54
S145	3,599	(display\$3 or present\$3) with (web near3 (page or site)) with (pop\$up or second\$3 or another or different) near4 (screen or interface or window)	US-PGPUB; USPAT	OR	ON	2018/09/02 10:52

5/8/2021 4:06:48 PM

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Search engine

JS Shriver, R Zaks - US Patent 9,338,215, 2016 - Google Patents

... and BING®, typically use bots or **web** crawlers to follow links in **web** pages to discover **content**, **index** the **content** ... A conventional **search engine** follows links in **web** pages to locate **web content**, **indexes** the **content**, and then ... The server computer then **indexes** the **first web content** ...

☆ 97 Cited by 9 Related articles All 4 versions 🔍

Search engine

JS Shriver, R Zaks - US Patent 10,180,982, 2019 - Google Patents

Search engine. Download PDF ... G06F16/95—Retrieval from the **web**; G06F16/951—**Indexing**; **Web** crawling techniques. G—PHYSICS; G06—COMPUTING; CALCULATING; COUNTING; ... 95—Retrieval from the **web**; G06F16/953—Querying, eg by the use of **web** search engines; ...

☆ 97 Cited by 2 Related articles All 4 versions 🔍

Systems and methods for enabling a user to operate on displayed **web content** via a **web browser plug-in**

JS Shriver, R Zaks - US Patent 9,977,800, 2018 - Google Patents

... **content** to a **search engine**, and/or to identify the **web content** for submission to the **search engine** ... the **plug-in module** 140 transmits user **content** 165 to the server computer 110 (eg, for **indexing**) ... **browser** 120 to view and/or listen to **web content** 135, such as a **web** page, an ...

☆ 97 Cited by 9 Related articles All 4 versions 🔍

Serving **content**-relevant advertisements with **client**-side device support

D Anderson, P Buchheit, JA Dean, GR Harik... - US Patent ..., 2011 - Google Patents

... US63450103A US8086559B2 US 8086559 B2 US8086559 B2 US 8086559B2 US 63450103

A US63450103 A US 63450103A US 8086559 B2 US8086559 B2 US 8086559B2 Authority

US United States Prior art keywords **content client** relevant document **browser** Prior art ...

☆ 97 Cited by 348 Related articles All 4 versions 🔍

Client-side system for scheduling delivery of **web content** and locally managing the **web content**

LJ Peterson, SJ Freedman, H Parlovi... - US Patent ..., 2003 - Google Patents

... An **indexing** subsystem presents the **index** to a user and enables the user to select from the **index** portions of the **Web content** that they prefer ... Heuristic document categorization algorithms **index** the information and store the **indices** (but not the information) in large ...

☆ 97 Cited by 633 Related articles All 4 versions 🔍

Search Engine

JS Shriver, R Zaks - US Patent App. 16/247,361, 2019 - Google Patents

... and BING®, typically use bots or **web** crawlers to follow links in **web** pages to discover **content**, **index** the **content** ... A conventional **search engine** follows links in **web** pages to locate **web content**, **indexes** the **content**, and then ... The server computer then **indexes** the **first web content** ...

☆ 97 All 3 versions 🔍

Graphical **search engine** visual index

JL Finseth, J Hermet, BF Peitz - US Patent 6,271,840, 2001 - Google Patents

... the retrieved data types; G06F16/95—Retrieval from the **web**; G06F16/951—**Indexing**; **Web** crawling techniques ... The user 90 makes a **search engine** request to the **search engine** 110 via a **browser** ... user interface 96 either together or in conjunction with a visual **index** method **plug** ...

☆ 97 Cited by 407 Related articles All 2 versions 🔍

System and method for transmitting a feed related to a **first** user to a **second** user

JS Shriver, R Zaks - US Patent 9,058,391, 2015 - Google Patents

... G06F16/95—Retrieval from the **web**; G06F16/951—**Indexing**; **Web** crawling techniques. G—PHYSICS; G06 ... user uses a **web browser** 120 on the **client** computer 105 to access the **Internet** ... one embodiment, upon activation, the **plug-in module** 140 causes the **web browser** 120 to ...

☆ 77 Cited by 14 Related articles All 4 versions 🔗

Systems and Methods for Enabling a User to Operate on Displayed **Web Content** via a **Web Browser Plug-In**

JS Shriver, R Zaks - US Patent App. 15/984,163, 2018 - Google Patents

... the **plug-in module** 140 transmits user **content** 165 to the server computer 110 (eg, for **indexing**) ... **content** 155 and enables the user to add the **web content** 135 to a **search engine** associated with ... prompts the user to add the **web page** 135 to the server computer's **index** so that ...

☆ 77 Cited by 1 Related articles All 2 versions 🔗

Web page with system for displaying miniature visual representations of **search engine** results

D Savage - US Patent App. 10/189,320, 2004 - Google Patents

... [0010]. A system could be also be designed to **index the web** ... **Indexing** and imaging the entire **web** would take several months and require an enormous amount of ... 07-03, 2002-07-02, **Web page** with system for displaying miniature visual representations of **search engine** results ...

☆ 77 Cited by 82 Related articles All 2 versions 🔗

Client-side defense against **web-based** identity theft

NORLY Teraguchi, JC Mitchell - Computer Science Department, Stanford ..., 2004 - Citeseer

... tivity, compute statistical or other **indices**, and attempt to detect intrusions by comparing the **index** of ... for search engines Since a user may enter any data into a **search engine**, SpoofGuard is not ... UWToolBar stores the user settings (eg check **index**, threshold, etc.) during runtime ...

☆ 77 Cited by 635 Related articles All 15 versions 🔗

World wide **web browsing** with **content** delivery over an idle connection and interstitial **content** display

DH Judson - US Patent 5,737,619, 1998 - Google Patents

... reassignment AMERICA ONLINE, INC ... will recognize that the inventive features of the invention, including the masking of "mini" hypertext documents within a **web page** and display of such documents upon link activation, may be applied to other **Internet** services as well as ...

☆ 77 Cited by 558 Related articles All 2 versions 🔗

Support for international search terms-translate as you search

JD Bennett - US Patent App. 12/437,607, 2009 - Google Patents

... 90—Details of database functions independent of the retrieved data types; G06F16/95—Retrieval from the **web**; G06F16/951—**Indexing**; **Web** crawling techniques ... At a next block/step 813, the **search engine** server retrieves the **web page** vectored by the **web** link, from a ...

☆ 77 Cited by 30 Related articles All 2 versions 🔗

Universal **search engine**

NF Raciborski - US Patent 8,121,997, 2012 - Google Patents

... The target search query is automatically entered into the target **search engine(s)** in step ... archive, application hosting, ASP software, e-mail account hosting, searching software, **web site** hosting ... data from the company network and time wasting activities (eg, **Internet** radio, picture ...

☆ 77 Cited by 89 Related articles All 4 versions 🔗

Method and system in a computer network for an intelligent **search engine**

HY Amro, JP Dodson - US Patent 6,041,326, 2000 - Google Patents

... the search terms, such that all searches performed by the on-line **search engine** at the ... or developing **web browsers**, in order to provide network navigation aids for **web** pages displayed ...
88 can be a remote computer system accessible over a remote network such as the **Internet** ...

☆ 99 Cited by 138 Related articles All 2 versions 99

Method and system for highlighting and adding commentary to network **web page content**

JH Ren, F Xu - US Patent App. 11/717,393, 2008 - Google Patents

... said displayed portion of the **website** data, said comment data, said search results, and said **index** ...
highlight all of a plurality of search results generated by said **search engine** in a ... 03-13, Method
and system for highlighting and adding commentary to network **web page content** ...

☆ 99 Cited by 32 Related articles All 2 versions 99

Web content annotation management **web browser plug-in**

TK Supakul, JY Vora - US Patent App. 12/763,752, 2011 - Google Patents

... For example, while surfing the **Internet**, a user visits a **Web** page for a new kitchen product and ...
previously stored locally, as well as those stored in the server (eg, from **index** 370, it ... **content** items
that specific associations were linked to has been removed when the **Web** page was ...

☆ 99 Cited by 46 Related articles All 2 versions 99

Method and system for processing events related to a **first** type of **browser** from a **second** type of **browser**

C Balasubramaniam, R Kannan, S Sampath... - US Patent ..., 2002 - Google Patents

... 2, 1999), <http://home.netscape.com/plugins/**index.html**> ... Advantageously, the **browser** of the
first kind is **Internet Explorer** (IE) **browser** marketed by Microsoft Corporation ... When a user makes
a navigational request for a **web page** or other purpose, the user performs certain ...

☆ 99 Cited by 91 Related articles All 2 versions 99

Production of a video stream with synchronized annotations over a computer network

A Purnaveja, N Chaddha, SP Vellanki... - US Patent ..., 1999 - Google Patents

... 11 is a flowchart illustrating the use of a table of **content** with **content** labels enabling a viewer
to skip forward or backward to predetermined locations in ... Stream server 220 and **web** server
230 are coupled to **client** computer 240 via a computer network 290, eg, the **internet** ...

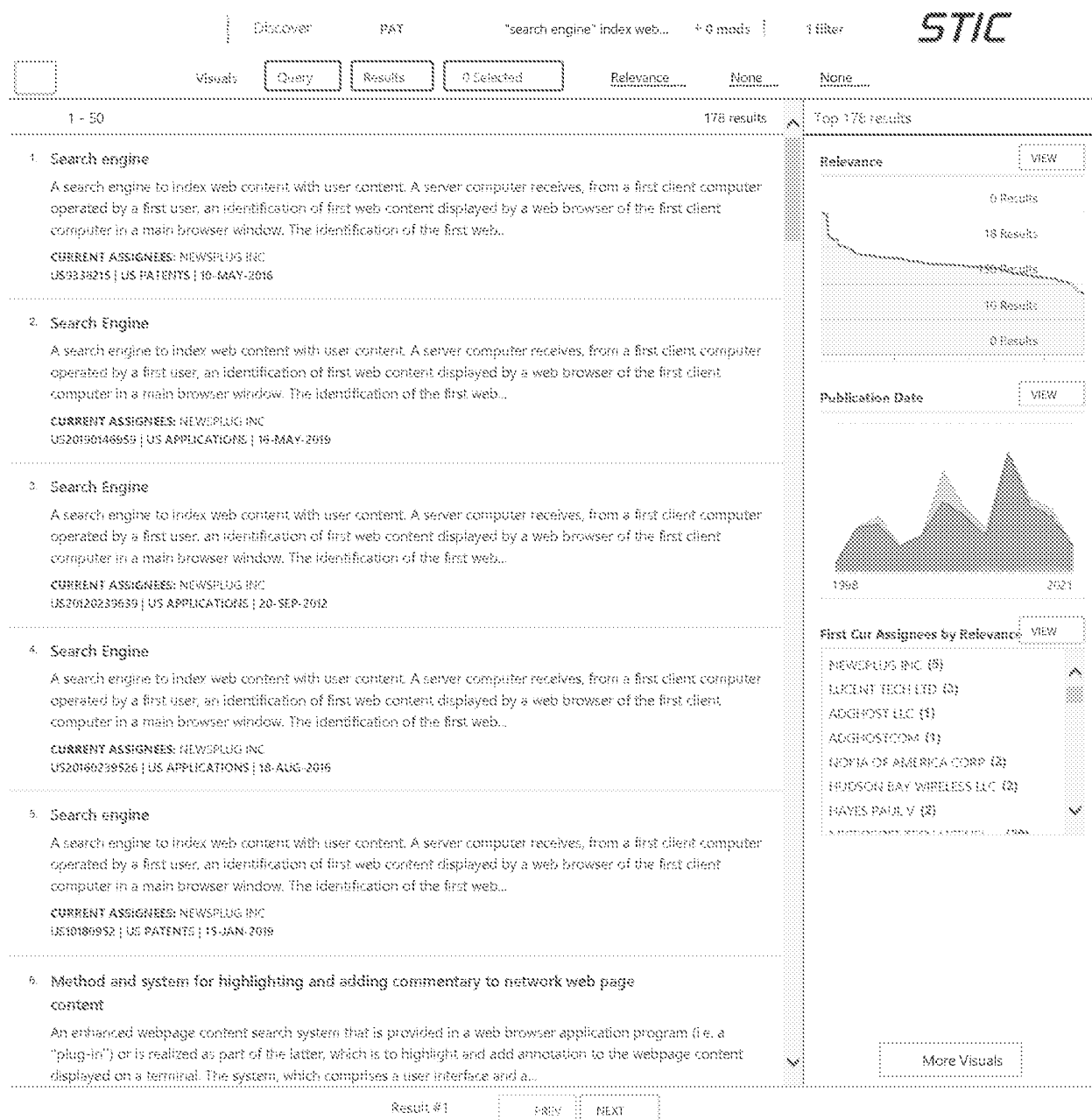
☆ 99 Cited by 409 Related articles All 2 versions 99

Techniques for crawling dynamic **web content**

BS Prabhakar, S Ganesan, YS Kumar... - US Patent ..., 2009 - Google Patents

... simply as "links") from **web page** to **web page** in order to **index** the **content** ... example, a conventional
indexing mechanism within the crawler or within the **search engine indexes** the dynamic ... **engine**,
and retrievable by a **browser** via links returned by the **search engine** in response ...

☆ 99 Cited by 46 Related articles All 2 versions 99





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BIB DATA SHEET

CONFIRMATION NO. 6959

SERIAL NUMBER 16/247,361	FILING or 371(c) DATE 01/14/2019 RULE	CLASS 707	GROUP ART UNIT 2167	ATTORNEY DOCKET NO. 177720-200107/US	
APPLICANTS NEWSPLUG, INC., New York, NY; INVENTORS John S. Shriber, New York, NY; Roman Zaks, New York, NY; ** CONTINUING DATA <u>YES</u> <u>MU</u> ***** This application is a CON of 15/142,479 04/29/2016 PAT 10180952 which is a CON of 13/420,503 03/14/2012 PAT 9338215 which claims benefit of 61/452,595 03/14/2011 ** FOREIGN APPLICATIONS <u>NO</u> <u>MU</u> ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** * SMALL ENTITY ** 02/06/2019					
Foreign Priority claimed ☐ Yes ☒ No 35 USC 119(a-d) conditions met ☐ Yes ☒ No Verified and /MOHAMMED R UDDIN/ Acknowledged Examiner's Signature	☐ Met after Allowance Initials	STATE OR COUNTRY NY	SHEETS DRAWINGS 17	TOTAL CLAIMS 20	INDEPENDENT CLAIMS 3
ADDRESS GREENBERG TRAUIG, LLP (SV) c/o: Greenberg Traurig LLP - Chicago Office 77 West Wacker Drive, Suite 3100 Intellectual Property Department Chicago, IL 60601 UNITED STATES					
TITLE Search Engine					
FILING FEE RECEIVED 865	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit		

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	12	l7 and ((search\$3 or quer\$3) near4 result) with position with (pop\$up or second\$3 or another or different or other)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/08 16:00
L7	647	l6 and (display\$3 or present\$3) with (web near3 (page or site or content)) with (pop\$up or second\$3 or another or different or other) near4 (screen or interface or window)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/08 15:59
L6	143,476	(G06F16/22 G06F16/248 G06F16/951 G06F16/9535 G06F16/24578).cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/08 15:58
L1	2	("20040030697" "20090132949").PN.	US-PGPUB; USPAT	OR	OFF	2021/05/08 15:34
S282	17	S281 and (browser with (second or another or different or other) near3 (user or client)) same (browser with (first near4 (vlient or user)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/08 13:26
S281	319	S277 and (quer\$3 with (second or another or different or other) near3 (user or client)) same (result\$3 with (first near4 (vlient or user)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/08 13:24
S280	143,476	(G06F16/22 G06F16/248 G06F16/951 G06F16/9535 G06F16/24578).cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2021/05/08 13:24

			DERWENT; IBM_TDB			
S279	318	S277 and (quer\$3 with (second or another or different) near3 (user or client)) same (result\$3 with (first near4 (vlient or user)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/08 13:17
S278	1,157	S277 and (quer\$3 with (second or another or different) near3 (user or client))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/08 13:15
S277	6,229	S276 and index\$3 with (content or page or site or blog\$3 or post\$3 or (web near3 content))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/08 13:13
S276	23,448	((search\$3 or quer\$3) near4 result\$3) with (feedback or rate or review\$3 or rating or vote or thumb\$up)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/08 13:13
S275	9	S273 and (browser and user and content and rat\$3 and interface).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/19 16:49
S274	9	S273 and (browser and user and content and rat\$3).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/19 16:48
S273	34	((John near3 Shriber) or (roman near3 zaks)).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2020/11/19 16:46

			DERWENT; IBM_TDB			
S272	94	("10180952" "20020194611" "20030233422" "20040019611" "20050165615" "20050289468" "20060073812" "20060095507" "20060167860" "20060173985" "20060184617" "20060190616" "20060217126" "20060230061" "20070043617" "20070083520" "20070083536" "20070118794" "20070156809" "20070174389" "20070198526" "20070225047" "20070266338" "20080021880" "20080028181" "20080059444" "20080071929" "20080082904" "20080126476" "20080215589" "20080235594" "20080256443" "20080294632" "20080313215" "20090144272" "20090217196" "20090271388" "20090299824" "20100011282" "20100023506" "20100088170" "20100125541" "20100199340" "20100257184" "20100262597" "20100280860" "20100312771" "20100313252" "20110043652" "20110161413" "20110179020" "20110184960" "20110238508" "20110252041" "20110258526" "20120102048" "20120158753" "20120159635" "20120166453" "20120239639" "20120240030" "20120240053" "20150256591" "20160239526" "20180268006" "6199081" "6718365" "7117432" "7174346" "7216290" "7613769" "7617190" "7634535" "7640184" "7669123" "7734610" "7957723" "7958115" "7971147" "7984056" "8037093" "8082288" "8276079" "8290926" "8589391" "8589418" "8601055" "8606845" "8667385" "8874541" "9058391" "9338215" "9740794" "9977800").PN.	US-PGPUB; USPAT	OR	OFF	2020/11/19 16:16
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S270	1	("20130132814").PN.	US-PGPUB; USPAT	OR	OFF	2020/11/19 16:14

S269	5	("20050257128" "20050267973" "20080114861" "6807558" "8386915").PN.	US-PGPUB; USPAT	OR	OFF	2020/11/19 16:12
S268	70	S265 and ((comment\$3 or rate or rating or feed\$back or vote ot thumb) with (article or blog or post\$3 or page or document) with browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/19 13:47
S267	70	S265 and ((comment\$3 or rate or rating or feed\$back) with (article or blog or post\$3 or page or document) with browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/19 13:47
S266	137	S265 and (comment\$3 or rate or rating or rank\$3) with (article or blog or post\$3 or page) with browser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/19 13:46
S265	2,322	S264 and index\$3 with (comment\$3 or rate or rating or rank\$3 or scor\$3 or weight\$3 or shar\$3) with (article or blog or post\$3 or page)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/19 13:44
S264	134,475	(G06F16/22 G06F16/248 G06F16/951 G06F16/9535 G06F16/24578).cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/19 13:04
S261	5	("20050257128" "20050267973" "20080114861" "6807558" "8386915").PN.	US-PGPUB; USPAT	OR	OFF	2020/11/07 15:13
S260	280	S259 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/07 12:20

S259	496	S258 and (score\$3 or rank\$3 or weight\$3) with (feedback or rate or review\$3 or rating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/07 12:19
S258	1,000	S257 and plug\$in and browser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/07 12:18
S257	6,035	S255 and ((feedback or rate or review\$3 or rating) with (vote or thumbs\$up or like or dislike or star))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/07 12:18
S256	6,035	S255 and ((feedback or rate or review\$3 or rating) with (vote or thumbs\$up or like or dislike or star))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/07 12:17
S255	23,827	((search\$3 or quer\$3) near4 result\$3) with (feed\$back or rate or review\$3 or rating or comment\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/07 12:17
S254	944	S253 and ((feedback or rate or review\$3 or rating) with (vote or thumbs\$up or like or dislike or star))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/07 12:16
S253	2,145	S252 and plug\$in and browser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/07 12:15

S252	22,543	((search\$3 or quer\$3) near4 result\$3) with (feedback or rate or review\$3 or rating or vote or thumb\$up)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/07 12:14
S251	6	("20110040787" "8874591").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/07 11:56
S250	3	"20080235204"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/07 11:39
S249	121	S248 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/07 10:02
S248	147	S246 and (rank\$3 or scor\$3 or weight\$3) with ((news near4 clip) or (web near4 content) or video or article or document) with (rate or rating or comment)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/07 10:02
S247	0	"l45" and (rank\$3 or scor\$3 or weight\$3) with ((news near4 clip) or (web near4 content) or video or article or document) with (result\$3 with (rate or rating or comment))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/07 10:00
S246	639	S245 and (result\$3 with (rate or rating or comment)) with ((news near4 clip) or (web near4 content) or video or article or document)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/07 09:59

S245	2,381	S244 and (rate or rating) with ((news near4 clip) or (web near4 content) or video or article or document)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/07 09:58
S244	6,489	S242 and index\$3 with (stor\$3 or database or server) with ((news near4 clip) or (web near4 content) or video or article or document)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/07 09:57
S243	68,565	S242 and (stor\$3 or database or server) with ((news near4 clip) or (web near4 content) or video or article or document)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/07 09:57
S242	88,399	(brows\$3 or window) same (select\$3 or identify\$3 or identificat\$3 or highlight\$3 or click\$3) with ((news near4 clip) or (web near4 content) or video or article or document)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/07 09:55
S241	4	"11766669"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/06 18:14
S240	110	S239 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/06 17:40
S239	234	S238 and (rank\$3 or scor\$3 or weight\$3) with (content or news or post\$3 or article or publication) with (rate or rating or thumb or star or comment\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/06 17:39

S238	729	S233 and ((search\$3 or quer\$3) near3 result\$3 with (article or document) with (comment\$3 or rate or rating or feedback or vote or thumb\$up))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/06 17:37
S237	696	S233 and ((search\$3 or quewr\$3) near3 result\$3 with (article or document) with (comment\$3 or rate or rating or feedback or vote or thumb\$up))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/06 17:37
S236	24	S234 and (snippet with (comment or feed\$back))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/06 17:32
S235	2,058,328	S234 and snippet with comment or feedback	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/06 17:31
S234	1,506	S233 and (plug\$in with server)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/06 17:30
S233	51,541	(index\$3 with (web near4 (page or content)) or (article or document)) with ((user or client) near4 (content or comment or feedback))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/06 17:28
S232	8,589,410	(index\$3 with (web near4 (page or content)) or (article or document)) wih ((user or client) near4 (content or comment or feedback))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/06 17:06

S231	23	S229 and plug\$in and browser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/06 16:55
S230	765,532	S229 and plug\$in abd browser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/06 16:55
S229	516	(position\$3 or plac\$4 or display\$3) with result\$3 with ((second or other) near4 (user or client) near4 (content or comment\$3 or post\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/06 16:53
S202	270	S201 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 12:15
S201	314	S200 and (((search\$3 or quer\$3) near4 result\$3) with server)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 12:15
S200	2,061	S199 and (index\$3 with (page or content or video or news or post or blog))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 12:14
S199	7,391	S197 and ((rate or rating or like or dislike or vote) with (page or content or video or news or post or blog))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 12:13

S198	4,756	S197 and ((rate or rating or like or dislike or vote) with (content or post or blog))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 12:12
S197	12,701	S196 and plug\$in with browser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 12:11
S196	39,008	((page or content or video or news or post or blog) with plug\$in)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 12:09
S195	11	S194 and ((search\$3 or quer\$3) near4 result\$3) with server with ((client or user) near5 browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 12:06
S194	490	(add\$3 with (page or content or video or new or post or blog) with server with plug\$in)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 12:06
S193	154	S192 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 11:29
S192	204	S191 and index\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 11:29

S191	353	S190 and ((rate or rating or like or dislike or vote) with (content or post or blog))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 11:28
S190	1,248	((search\$3 or quer\$3) near4 result\$3) with server with ((client or user) near5 browser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 11:27
S189	212	S187 and ((rate or rating or like or dislike or vote) with (content or post or blog))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 09:57
S188	10	"20110087649"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 09:54
S187	232	S186 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 09:49
S186	302	S185 and ((position\$3 or plac\$3) with result) with (content or post or blog) with (user or client)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 09:48
S185	8,022	(index\$3 near4 (content or blog or post\$3)) with (user near4 (content or blog or post\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 09:47

S184	11	S180 and ((position\$3 or plac\$3) with result) with content with (user or client)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 09:41
S183	32	S182 and ((transmit\$4 or send\$3) with server)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 09:31
S182	51	S181 and ((rate or rating or like or dislike or vote) with content)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 09:29
S181	152	S180 and (brows\$3 with (user or client))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 09:27
S180	309	(index\$3 with ((web near4 content) or result\$3) with ((first and second) near4 (user or client)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 09:26
S179	309	(index\$3 with (web near4 content or result\$3) with ((first and second) near4 (user or client)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 09:24
S178	4	"10180952".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 08:39

S177	5	"15142479"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 08:37
S176	3	"9338215".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 08:35
S175	1	"16247361"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/11/04 08:34
S174	8	S173 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/03 09:52
S173	12	S171 and index\$3 and ((rank\$3 or scor\$3 or weight\$3) with (rate or rating or comment\$3 or suggest\$3 or recommend\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/03 09:52
S172	24	S171 and index\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/03 09:51
S171	39	(activat\$3 with plug\$in) same (display\$3 or present\$3 or show\$3) with ((pop\$up or second\$3 or differnt or another) near5 (interface or window or screen))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/03 09:50

S170	19	S169 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/03 09:47
S169	21	(activat\$3 with plug\$in) same (display\$3 or present\$3 or show\$3) with browser with ((pop\$up or second\$3 or differnt or another) near5 (interface or window or screen))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/03 09:45
S168	3,846	activat\$3 with plug\$in	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/03 09:43
S144	113	S143 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/02 12:57
S143	137	S142 and plug\$in	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/02 12:57
S142	425	S141 and (rank\$3 or scor\$3 or weight\$3 or rate or rating or comment\$3) with (content or page or site or blog or post)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/02 12:57
S141	440	S140 and (pop\$up near4 (window or interface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/02 12:56

S140	10,477	index\$3 with (comment\$3 or rate or rating or rank\$3 or scor\$3 or weight\$3 or shar\$3) with (article or blog or post\$3 or page)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/02 12:55
S139	14	S138 and (rank\$3 or scor\$3 or weight\$3 or rate or rating or comment\$3) with (content or page or site or blog or post)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/02 12:37
S138	33	S137 and (display\$3 or present\$3) with (web near4 (page or site or content)) with (pop\$up or second\$3 or differnt) with (interface or window)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/02 12:36
S137	11,455	707/999.102.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/02 12:36
S136	5	S135 and plug\$in and index\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/02 12:36
S135	30	S134 and (display\$3 or present\$3) with (web near4 (page or site or content)) with (pop\$up or second\$3 or differnt) with (interface or window)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/02 12:35
S134	8,816	707/711,748,793,805.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/02 12:35

S133	39	S132 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/02 12:35
S132	51	S131 and (rank\$3 or scor\$3 or weight\$3 or rate or rating or comment\$3) with (content or page or site or blog or post)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/02 12:34
S131	72	S130 and index\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/02 12:34
S130	157	S129 and plug\$in	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/02 12:33
S129	728	S128 and (display\$3 or present\$3) with (web near4 (page or site or content)) with (pop\$up or second\$3 or differnt) with (interface or window)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/02 12:33
S128	237,863	"707".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/02 12:32
S127	9,093	707/999.102.ccls.	US-PGPUB; USPAT	OR	OFF	2018/09/02 12:17
S126	13	("20050165615" "20060073812" "20060095507" "20060217126" "20070156809" "20080235594" "20080313215" "7617190" "7634535" "7640184" "7957723" "8606845" "9740794").PN.	US-PGPUB; USPAT	OR	OFF	2018/09/02 11:15

S125	7	S123 and (rank\$3 or scor\$3 or weight\$3) with index\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/31 16:08
S124	5	S123 and (rank\$3 or scor\$3 or weight\$3) with (rate or rating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/31 16:08
S123	187	S122 and ((pop\$up or second\$3 or differnt) with (interface or window) near3 select\$3) with (web near3 (page or site))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/31 16:07
S122	3,981	(display\$3 or present\$3) with (web near4 (page or site)) with (pop\$up or second\$3 or differnt) with (interface or window)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/31 16:07
S121	87	S119 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/10 16:18
S120	48	S118 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/10 16:18
S119	92	("20050289468" "20060167860" "20060173985" "20060184617" "20060190616" "20060230061" "20070043617" "20070083520" "20070083536" "20070118794" "20070174389" "20070198526" "20070225047" "20080021880" "20080071929" "20080126476")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/10 16:17

		"20080215589" "20080256443" "20080294632" "20090144272" "20100011282" "20100023506" "20100088170" "20100125541" "20100199340" "20100262597" "20100312771" "20100313252" "20110043652" "20110179020" "20110184960" "20110238508" "20120102048" "20120158753" "20120159635" "20120166453" "20120239639" "20120240030" "20120240053" "20150256591").pn.				
S118	54	("6718365" "7613769" "7669123" "7734610" "7971147" "7984056" "8037093" "8082288" "8276079" "8290926" "8589418" "8601055" "8667385" "8874541" "9058391" "9338215").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/10 16:16
S117	336	S116 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/10 11:54
S116	457	S114 and (rank\$3 or scor\$3 or weight\$3) with (rate or rating or comment\$3 or feed\$back or like or thumb)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/10 11:54
S115	916,024	S114 (rank\$3 or scor\$3 or weight\$3) with (rate or rating or comment\$3 or feed\$back or like or thumb)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/10 11:53
S114	1,610	((plug\$in or pop\$up) near4 (window or module)) with (comment\$3 or rate or rating or feed\$back)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/10 11:52
S113	217	S112 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR;	OR	ON	2018/01/10 11:20

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S112	277	S111 and ((plug\$in or pop\$up) with brows\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/10 11:20
S111	2,592	S110 and (search\$3 or quer\$3) near4 (web or third\$party)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/10 11:20
S110	34,619	(rank\$3 or scor\$3 or weight\$3) near4 (based or depend\$3) near4 (rate or rating or comment\$3 or feed\$back or like or thumb)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/10 11:19
S109	98	S108 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/10 11:08
S108	132	((rank\$3 or scor\$3 or weight\$3) near5 result) with ((rate or rating) near4 content)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/10 11:07
S107	82	S106 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/10 10:25
S106	131	S105 and index\$3 with (news or post\$3 or article or publication)	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2018/01/10 10:25

			JPO; DERWENT; IBM_TDB			
S105	939	S103 and (rank\$3 or scor\$3 or weight\$3) near5 (news or post\$3 or article or publication) with based with (rate or rating or thumb or star or comment\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/10 10:23
S104	939	S103 and (rank\$3 or scor\$3 or weight\$3) near5 (news or post\$3 or article or publication) with based with (rate or rating or thumb or star or comment\$3) with (news or post\$3 or article or publication)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/10 10:23
S103	445,118	(rate or rating or thumb or star or comment\$3) with (news or post\$3 or article or publication)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/10 10:22
S102	101	S101 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 18:25
S101	147	S99 and (plug\$in or pop\$up) with brows\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 18:25
S100	155	S99 and plug\$in	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 18:25
S99	1,289	S98 and (rank\$3 or scor\$3 or weight\$3) with (content or post\$3 or article or news)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2018/01/09 18:24

			DERWENT; IBM_TDB			
S98	2,776	(rate or rating\$3 or comment\$3 or feedback) with (content or post\$3 or article or news) with (thumb or star)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 18:23
S97	17,733	(rate or rating\$3) with (thumb or star)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 18:21
S96	224	S95 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 18:21
S95	225	(rank\$3 or scor\$3 or weight\$3) with (web or third\$party) near4 (content or page) with (rate or rating\$3) with (thumb or star)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 18:20
S94	545	S93 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 18:01
S93	811	(rank\$3 or scor\$3 or weight\$3) with (web or third\$party) near4 (content or page) with (vot\$4 or like or dislike or thumb)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 18:00
S92	242	S91 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2018/01/09 16:27

			DERWENT; IBM_TDB			
S91	323	(rank\$3 or scor\$3 or weight\$3) with (web or third\$party) near4 (content or page) with based with (rate or rating\$3) with (content or page)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 16:26
S90	368,778	(rank\$3 or scor\$3 or weight\$3) with (web or third\$party) near4 (content or page) with based (rate or rating\$3) with (content or page)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 16:26
S89	112	S88 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 15:54
S88	129	S87 and brows\$3 with plug\$in	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 15:54
S87	779	S85 and (rank\$3 or scor\$3 or weight\$3) with (web near4 (content or page))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 15:53
S86	3,620	S84 and (rank\$3 or scor\$3 or weight\$3) with (web near4 (content or page))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 15:53
S85	1,264	S84 and (rate or rating\$3) with (web near4 (content or page))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2018/01/09 15:53

			DERWENT; IBM_TDB			
S84	14,117	index\$3 with (web near4 (content or page))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 15:52
S83	50	S82 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 15:06
S82	95	(rank\$3 or scor\$3 or weight\$3) with ((third near3 party) near3 (content or page) with (rate or rating or vot\$4 or like or dislike or comment\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 15:05
S81	33	S80 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 13:40
S80	60	S79 and (rate or rating or vot\$4 or like or dislike or comment\$3) with (content or page)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 13:40
S79	66	S76 and (rank\$3 or scor\$3 or weight\$3) with (content or page)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 13:39
S78	27	S77 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2018/01/09 13:29

			DERWENT; IBM_TDB			
S77	61	S76 and (rank\$3 or scor\$3 or weight\$3) with (rate or rating or vot\$4 or like or dislike or comment\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 13:28
S76	253	brows\$3 with plug\$in with pop\$up	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 13:27
S75	3	"13420503"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 12:46
S74	28	S73 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 12:38
S73	42	S72 and (brows\$3 with (plug\$in or pop\$up))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 12:38
S72	132	(plug\$in or pop\$up) same (rank\$3 or scor\$3 or weight\$3) with (rate or rating or comment\$3) with (content or page or site or blog or post\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 12:37
S71	229	S70 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2018/01/09 10:38

			DERWENT; IBM_TDB			
S70	314	S69 and (rank\$3 or scor\$3 or weight\$3) with index\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 10:37
S69	3,032	(plug\$in or pop\$up) same (rank\$3 or scor\$3 or weight\$3 or rate or rating or comment\$3) with (content or page or site or blog or post)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 10:36
S68	3	"20110161413"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 13:13
S67	5	"20100257184" "20100257184" "20090271388"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 13:09
S66	25	S65 and index\$4 same (brows\$3 with (plug\$in or pop\$up))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 13:03
S65	1,163	S64 and index\$3 with (comment\$3 or rate or rating or rank\$3 or scor\$3 or weight\$3 or shar\$3) with (article or blog or post\$3 or page)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 13:02
S64	214,016	(G06F17/30867 G06F17/279 H04L67/10 H04L67/02 G06Q10/10).cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2017/06/09 13:02

			DERWENT; IBM_TDB			
S63	22	S62 and index\$4 same (brows\$3 with (plug\$in or pop\$up))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 13:00
S62	1,263	S61 and index\$3 with (comment\$3 or rate or rating or rank\$3 or scor\$3 or weight\$3 or shar\$3) with (article or blog or post\$3 or page)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 13:00
S61	95,988	(G06F17/30864 G06F3/04842 G06F17/2247).cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 13:00
S60	31	S59 and (search\$3 or quer\$3) with index\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 12:58
S59	31	S58 and index\$4 same (brows\$3 with (plug\$in or pop\$up))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 12:58
S58	516	S57 and index\$3 with (comment\$3 or rate or rating or rank\$3 or scor\$3 or weight\$3 or shar\$3) with (article or blog or post\$3 or page)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 12:57
S57	31,219	(G06F17/30312 G06F17/30554 G06F17/3053).cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2017/06/09 12:57

			DERWENT; IBM_TDB			
S56	25	S55 and (search\$3 or quer\$3) with index\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 12:56
S55	25	S54 and (brows\$3 with (plug\$in or pop\$up))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 12:55
S54	220	S53 and index\$3 with (comment\$3 or rate or rating or rank\$3 or scor\$3 or weight\$3 or shar\$3) with (article or blog or post\$3 or page)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 12:55
S53	8,643	707/711,748,793,805.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 12:55
S52	258	S51 and (search\$3 or quer\$3) with index\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 12:54
S51	262	S50 and (brows\$3 with (plug\$in or pop\$up))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 12:54
S50	2,317	S49 and index\$3 with (comment\$3 or rate or rating or rank\$3 or scor\$3 or weight\$3 or shar\$3) with (article or blog or post\$3 or page)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2017/06/09 12:53

			DERWENT; IBM_TDB			
S49	229,018	"707".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 12:52
S48	3	"9338215".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 12:52
S47	1	S46 and (rank\$3 or weight\$3) with document with (rate or rating or comment\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 11:03
S46	2	"20100257184".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 11:03
S45	403	S44 and ((plug\$in or pop\$up) with brows\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 09:58
S44	3,617	S43 and ((search\$3 quer\$3) with index\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 09:56
S43	9,546	index\$3 with (comment\$3 or rate or rating or rank\$3 or scor\$3 or weight\$3 or shar\$3) with (article or blog or post\$3 or page)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2017/06/09 09:56

			DERWENT; IBM_TDB			
S42	5	index\$3 with (comment\$3 or rate or rating or rank\$3 or scor\$3 or weight\$3 or shar\$3) with (article or blog or post\$3 or page) with pop\$up	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 09:48
S41	17	index\$3 with (comment\$3 or rate or rating or rank\$3 or scor\$3 or weight\$3 or shar\$3) with (article or blog or post\$3 or page) with plug\$in	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 09:24
S40	55	S39 and (index\$3 with (search\$3 or quer\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 18:13
S39	92	S30 and ((blog\$3 or comment\$3 or post\$3) with snippet)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 18:12
S38	92	S30 and (blog\$3 or comment\$3 or post\$3) with snippet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 18:12
S37	4	S33 and (search\$3 or quer\$3) with index\$3 with ((other or second or another) near4 user)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 18:07
S36	0	S33 and ((search\$3 or quer\$3) with ((other or second or another) near4 user) with (article or news) with index\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2017/06/08 18:06

			DERWENT; IBM_TDB			
S35	247	S33 and ((search\$3 or quer\$3) with (other or second or another) wuth user with (article or news) with index\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 18:06
S34	606	S31 and ((search\$3 or quer\$3) with (other or second or another) wuth user with (article or news) with index\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 18:06
S33	404	S31 and ((search\$3 or quer\$3) with (article or news) with index\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 18:05
S32	82	S28 and ((search\$3 or quer\$3) with (article or news) with index\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 17:49
S31	1,114	S30 and (index\$3 with (news or article))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 17:48
S30	27,487	plug\$in with brows\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 17:48
S29	31	S28 and (search\$3 or quer\$3) with article with index\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2017/06/08 17:42

			DERWENT; IBM_TDB			
S28	632	index\$3 with snippet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 17:40
S27	4	"9021390".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 17:25
S26	14	S24 and interface with browser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 17:18
S25	11	S24 and (pop\$up or plug\$in)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 17:14
S24	78	(aggregat\$3 or collect\$3 or gather\$3) with (distruct\$3 or disturb\$4) with (without or free) with (news or article)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 17:13
S23	13	"20080082904" "20080021880"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 16:35
S22	3	"201001255411" "20110161413"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2017/06/08 15:56

			DERWENT; IBM_TDB			
S21	7	("9058391" "9338215").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 15:53
S20	14	("20090217196" "20110043652" "20120159635" "20040019611" "20110161413" "20030233422").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 15:25
S19	6	"20100125541"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 15:21
S18	7	"20100025541"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 15:21
S17	10	"2010025541"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 15:20
S16	3	"20100257184"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 15:00
S15	7	S14 and (interface and browser and content).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2017/06/08 14:52

			DERWENT; IBM_TDB			
S14	24	((John near3 Shriber) or (roman near3 zaks)).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 14:52
S13	4	"20110252041" "20100280860"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 12:30
S12	119	S10 and index\$3 with quer\$3 with (content or page or site or blog\$3 or post\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 12:22
S11	406	S10 and index\$3 with (content or page or site or blog\$3 or post\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 12:17
S10	1,245	S8 and (rank\$3 or scor\$3 or weight\$3 or rate or rating or comment\$3) with (content or page or site or blog\$3 or post\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 12:17
S9	1,219	S8 and (rank\$3 or scor\$3 or weight\$3 or rate or rating or comment\$3) with (content or page or site or blog or post)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 12:16
S8	2,735	S7 and (pop\$up near4 (window or interface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2017/06/08 12:14

			DERWENT; IBM_TDB			
S7	27,057	browser with plug\$in	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 12:13
S6	5	"20080082904"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 12:04
S5	3	"9338215".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 11:51
S4	8	"20080021880"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 11:47
S3	174	S2 and ((pop\$up or second\$3 or differnt) with (interface or window) near3 select\$3) with (web near3 (page or site))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/07 17:36
S2	3,570	(display\$3 or present\$3) with (web near4 (page or site)) with (pop\$up or second\$3 or differnt) with (interface or window)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/07 17:17
S1	3	"9338215".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2017/06/07 16:38

			DERWENT; IBM_TDB			
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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR/ PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
16/247,361	01/14/2019	Shriber et al.	177720-200107/US

GREENBERG TRAURIG, LLP (SV) c/o: Greenberg Traurig LLP - Chicago Office 77 West Wacker Drive, Suite 3100 Intellectual Property Department Chicago, IL 60601		EXAMINER	
		MOHAMMED R UDDIN	
		ART UNIT	PAPER
		2167	20210517

DATE MAILED: _____

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

Ids filed on 05/11/2021 initiated.	
	/MOHAMMED R UDDIN/ Primary Examiner, Art Unit 2167

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (02-18)

Approved for use through 11/30/2020. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	16247361
	Filing Date	2019-01-14
	First Named Inventor	John S. SHRIBER
	Art Unit	2167
	Examiner Name	UDDIN, MOHAMMED R
	Attorney Docket Number	177720-200107/US

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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	8020106		2011-09-13	Diab, Ali, et al		
	2	8190997		2012-05-29	Shellen, Jason H., et al		
	3	9645700		2017-05-09	Tsai, Daniel E.		
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	1	20060230021		2006-10-12	Diab, Ali, et al		
	2	20070033517		2007-02-08	O'shaughnessy, Timothy John, et al		
	3	20150370417		2015-12-24	Tsai, Daniel E.		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		16247361
	Filing Date		2019-01-14
	First Named Inventor	John S. SHRIBER	
	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	177720-200107/US	

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
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Examiner Signature	/MOHAMMED R UDDIN/	Date Considered	05/17/2021
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*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		16247361
	Filing Date		2019-01-14
	First Named Inventor	John S. SHRIBER	
	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	177720-200107/US	

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	/Lehua Wang/	Date (YYYY-MM-DD)	2021-05-11
Name/Print	Lehua Wang	Registration Number	48,023

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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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.
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5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:	JOHN SHRIBER et al.	Examiner:	MOHAMMED UDDIN
Serial No.:	16/247,361	Group Art Unit:	2167
Filed:	January 14, 2019	Confirmation:	6959
Title:	Search Engine		

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

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

Sir/Madam:

Applicant respectfully provides the following comments on the Statement of Reasons for Allowance that was provided in the Notice of Allowability mailed in the subject application.

Applicant assumes that the claims are to be interpreted based on the features recited in the claims rather than any paraphrases provided in the Statement of Reasons for Allowance, and the Statement of Reasons for Allowance is to be taken in light of the exact features recited in the claims. The claims should not be interpreted to include the features that are not explicitly recited in the claims. Any paraphrases in the Statement of Reasons for Allowance should not be used in a way to narrow the scope of the claims.

Respectfully submitted,

Date: July 29, 2021

/John P. Ward/

John P. Ward

Reg. No. 40,216

GREENBERG TRAURIG, LLP

CUSTOMER NUMBER **64494**

Phone: (650) 328-8500

Fax: (650) 328-8508

PART B—FEE(S) TRANSMITTAL

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Ema Majic	(Depositor's Name)
/Ema Majic/	(S-signature)
July 30, 2021	(Date)

APPLICATION NO	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO	CONFIRMATION NO
16/247,361	2019-01-14	JOHN SHRIBER et al.	177720-200107/US	6959

TITLE OF INVENTION:

APPLN: TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
Utility	SMALL	\$600	\$0.0	\$0.0	\$600	2021-08-13

EXAMINER	ART UNIT	CLASS-SUBCLASS
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1. Change of correspondence address or indication of "Fee Address" (37CFR 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 attorney or agent. If no name is listed, no name will be printed

1. Greenberg Traurig
- 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.

1a. NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

NEWSPLUG, INC.

New York, NY

Please check the appropriate assignee 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 Fees(s): (Please first reapply and previously paid 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 **50-2638** (enclose an extra copy of this form)

5. Change of Entity Status (from status indicated above)

- ☐ Applicant certifying micro entity status. See 37 CFR 1.29
- ☐ Applicant asserting small entity status. See 37 CFR 1.27
- ☐ Applicant changing to regular undiscounted fee status.

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.

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.

NOTE: Checking this box will be taken to be 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 /John P. Ward/

Date 2021-07-30

Typed or printed name John P. Ward

Registration No. 40,216

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 30 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.

Electronic Patent Application Fee Transmittal				
Application Number:		16247361		
Filing Date:		14-Jan-2019		
Title of Invention:		Search Engine		
First Named Inventor/Applicant Name:		John S. Shriber		
Filer:		John Patrick Ward/Ema Majic		
Attorney Docket Number:		177720-200107/US		
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:				
UTILITY APPL ISSUE FEE	2501	1	600	600

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				600

Electronic Acknowledgement Receipt	
EFS ID:	43383316
Application Number:	16247361
International Application Number:	
Confirmation Number:	6959
Title of Invention:	Search Engine
First Named Inventor/Applicant Name:	John S. Shriber
Customer Number:	64494
Filer:	John Patrick Ward/Ema Majic
Filer Authorized By:	John Patrick Ward
Attorney Docket Number:	177720-200107/US
Receipt Date:	30-JUL-2021
Filing Date:	14-JAN-2019
Time Stamp:	11:34:16
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$ 600
RAM confirmation Number	E20217TB34434978
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	Miscellaneous Incoming Letter	177720-200107_Comment.pdf	107902	no	1
			c7f6d9ee9dff8ec04702c7a074b7982516a76200		
Warnings:					
Information:					
2	Issue Fee Payment (PTO-85B)	177720-200107_IssueFee.pdf	145205	no	2
			2d5339a15beb94cc4c232a49e5683617f3fc49f		
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	37551	no	2
			66c7588ad3ca47745ef5c31946f77049ba0dc07d		
Warnings:					
Information:					
Total Files Size (in bytes):			290658		
<p>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.</p> <p><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.</p> <p><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.</p> <p><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.</p>					



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United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/247,361	08/31/2021	11106744	177720-200107/US	6959

64494 7590 08/11/2021
GREENBERG TRAURIG, LLP (SV)
c/o: Greenberg Traurig LLP - Chicago Office
77 West Wacker Drive, Suite 3100
Intellectual Property Department
Chicago, IL 60601

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 179 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):

NEWSPLUG, INC., New York, NY;
John S. Shriber, New York, NY;
Roman Zaks, New York, NY;

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.

TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5, unless the application number and filing date are identified in the Power of Attorney by Applicant form. If neither form PTO/AIA/82A nor form PTO/AIA/82B identifies the application to which the Power of Attorney is directed, the Power of Attorney will not be recognized in the application.

Application Number	16/247,361
Filing Date	January 14, 2019
First Named Inventor	John S. SHRIBER
Title	SEARCH ENGINE
Art Unit	2167
Examiner Name	MOHAMMED R. UDDIN
Attorney Docket Number	300671.US.08-125912-0000015

SIGNATURE of Applicant or Patent Practitioner			
Signature	/Gary Abelev/	Date (Optional)	2023-02-22
Name	Gary Abelev	Registration Number	40479
Title (if Applicant is a juristic entity)			
Applicant Name (if Applicant is a juristic entity)			
<p>NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. If more than one applicant, use multiple forms.</p>			
☐ *Total of _____ forms are submitted.			

This collection of information is required by 37 CFR 1.131, 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.

POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in either the attached transmittal letter or the boxes below.

Application Number	Filing Date
16/247,361	January 14, 2019

(Note: The boxes above may be left blank if information is provided on form PTO/AIA/82A.)



I hereby appoint the Patent Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above:

120944

OR



I hereby appoint Practitioner(s) named in the attached list (form PTO/AIA/82C) as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the patent application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above. (Note: Complete form PTO/AIA/82C.)

Please recognize or change the correspondence address for the application identified in the attached transmittal letter or the boxes above 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 (if the Applicant is a juristic entity, list the Applicant name in the box):

NewsPlug Inc.



Inventor or Joint Inventor (title not required below)



Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)



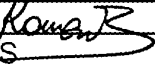
Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)



Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)

SIGNATURE of Applicant for Patent

The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity).

Signature		Date (Optional)	02/08/2023
Name	ROMAN ZAKS		
Title	CTO NewsPlug Inc.		

NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. If more than one applicant, use multiple forms.



Total of forms are submitted.

This collection of information is required by 37 CFR 1.131, 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.

Electronic Acknowledgement Receipt	
EFS ID:	47573695
Application Number:	16247361
International Application Number:	
Confirmation Number:	6959
Title of Invention:	Search Engine
First Named Inventor/Applicant Name:	John S. Shriber
Customer Number:	64494
Filer:	Gary Abelev/Kim Dufault
Filer Authorized By:	Gary Abelev
Attorney Docket Number:	177720-200107/US
Receipt Date:	22-FEB-2023
Filing Date:	14-JAN-2019
Time Stamp:	15:27:40
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
------------------------	----

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	125912-15POA.pdf	932767	no	2
			031b16f20fb06cd7621b7cf4fe1a11bca40cc60		

Warnings:

Information:	
Total Files Size (in bytes):	932767
<p>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.</p> <p><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.</p> <p><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.</p> <p><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.</p>	



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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
16/247,361	01/14/2019	John S. Shriber	300671.US.08-125912-00000

CONFIRMATION NO. 6959

POA ACCEPTANCE LETTER



OC000000137487068

120944
Hunton Andrews Kurth LLP/HAK NY
Attention: Intellectual Property - Patent Docket
200 Park Avenue
New York, NY 10016

Date Mailed: 03/06/2023

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 02/22/2023.

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.

/mtklelmichael/



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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 NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
16/247,361	01/14/2019	John S. Shriber	177720-200107/US

CONFIRMATION NO. 6959

POWER OF ATTORNEY NOTICE



0000000137487058

64494
GREENBERG TRAURIG, LLP (SV)
c/o: Greenberg Traurig LLP - Chicago Office
77 West Wacker Drive, Suite 3100
Intellectual Property Department
Chicago, IL 60601

Date Mailed: 03/06/2023

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 02/22/2023.

- 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).

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.

/mtekle michael/