

UNITED STATES PATENT APPLICATION

FOR

SEARCH ENGINE

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SEARCH ENGINE

RELATED APPLICATIONS

[0001] This application 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 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:
 - providing, by a server computer, a first user interface operating on the first client computer and displaying 3rd party content on the first client computer, wherein the first user interface is separate from a main window of a web browser, and wherein the first user interface automatically selects a portion of the 3rd party content and displays the portion of the 3rd party content within the first user interface;
 - receiving, by the server computer, a submission associated with the 3rd party content from the first user via the first user interface;
 - indexing, by the server computer, the 3rd party content based on the submission from the first user;
 - receiving, by the server computer, a search query from a second client computer operated by a second user;
 - in response to receiving the search query, selecting, by the server computer and based on the indexing of the 3rd party content, a set of search results that include an identification of the 3rd party content; and
 - transmitting, by the server computer, the set of search results to the second client computer.
2. The method of claim 1, wherein the 3rd party content comprises of web content.
3. The method of claim 2, further comprising:
 - ranking, by the server computer, the 3rd party content based on a rating of the 3rd party content submitted from the first user;
 - and selecting of the set of search results, by the server computer, is further based on the ranking of the 3rd party content.
4. The method of claim 3, wherein ranking the 3rd party content is further based on ratings of the content from other users.
5. The method of claim 4, wherein the rating associated with the content is selected from a

group of rating types consisting of like, dislike, and neutral.

6. The method of claim 5, wherein indexing the content comprises indexing the content based on keywords associated with the content in the submission from the first user.

7. The method of claim 6, wherein the submission from the first user further comprises a user comment on the content.

8. A computing device comprising:

a processor; and

memory coupled to the processor and storing instructions that, when executed by the processor, cause the computing device to:

provide a first user interface to a first client computer and display 3rd party content on the first client computer, wherein the first user interface is separate from a main window of a web browser, and wherein the first user interface automatically selects a portion of the 3rd party content and displays the portion of the 3rd party content within the first user interface;

receive a submission associated with the 3rd party content from the first user via the first user interface;

index the 3rd party content based on the submission from the first user;

receive a search query from a second client computer operated by a second user;

in response to receiving the search query, select based on the indexing of the 3rd party content, a set of search results that include an identification of the 3rd party content; and

transmit the set of search results to the second client computer.

9. The computing device of claim 8, wherein the 3rd party content comprises of web content.

10. The computing device of claim 9, further comprising:

ranking the 3rd party content based on a rating of the 3rd party content submitted from the first user;

and selecting of the set of search results is further based on the ranking of the 3rd party content.

11. The computing device of claim 10, wherein ranking the 3rd party content is further based

on ratings of the content from other users.

12. The computing device of claim 11, wherein the rating associated with the content is selected from a group of rating types consisting of like, dislike, and neutral.

13. The computing device of claim 12, wherein indexing the content comprises indexing the content based on keywords associated with the content in the submission from the first user.

14. The computing device of claim 13, wherein the submission from the first user further comprises a user comment on the content.

15. A non-transitory computer readable storage medium storing instructions that, when executed by a server computer, cause the server computer to:

- provide a first user interface to a first client computer and display 3rd party content on the first client computer, wherein the first user interface is separate from a main window of a web browser, and wherein the first user interface automatically selects a portion of the 3rd party content and displays the portion of the 3rd party content within the first user interface;

- receive a submission associated with the 3rd party content from the first user via the first user interface;

- index the 3rd party content based on the submission from the first user;

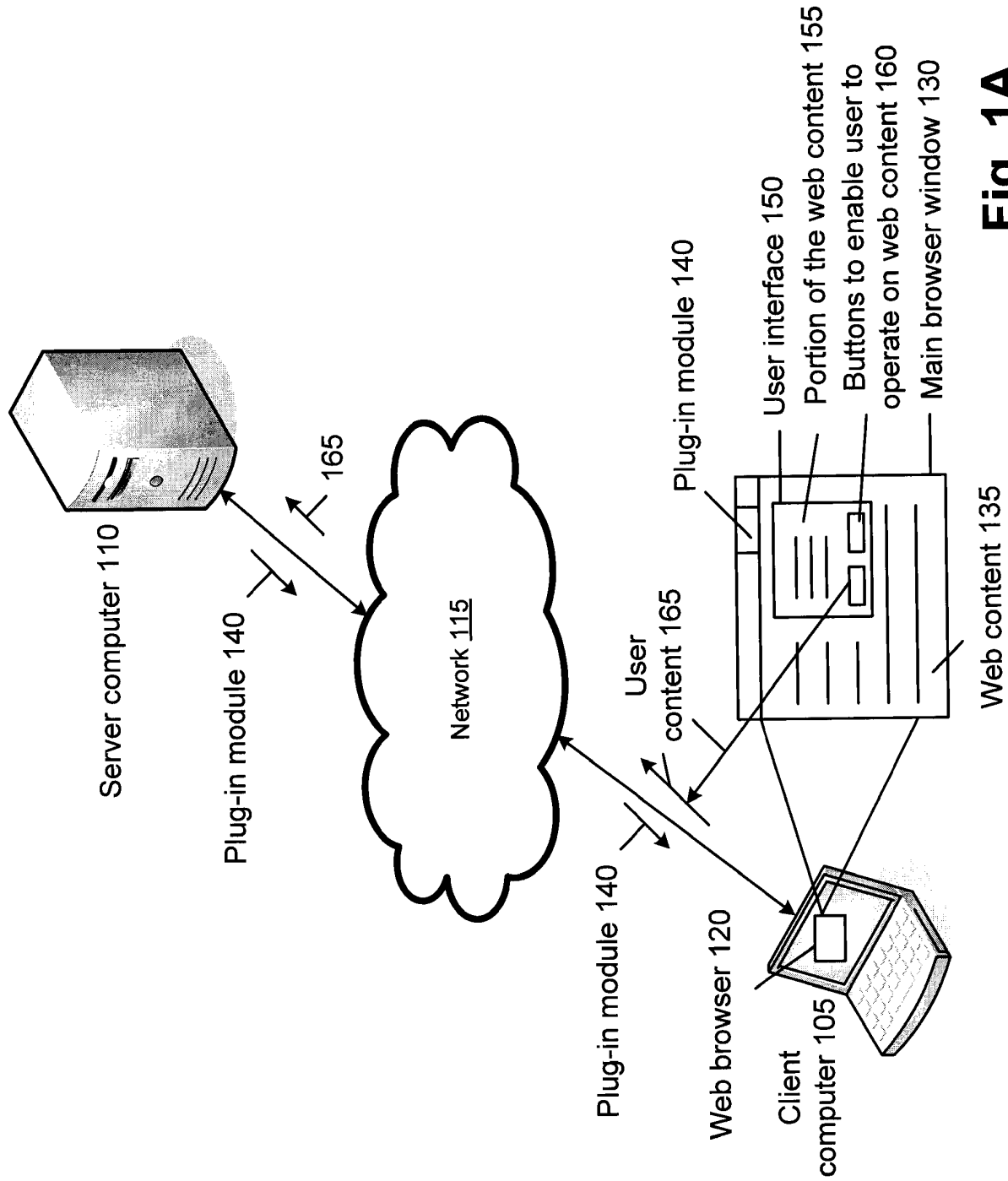
- receive a search query from a second client computer operated by a second user;

- in response to receiving the search query, select based on the indexing of the 3rd party content, a set of search results that include an identification of the 3rd party content; and

- transmit the set of search results to the second client computer.

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

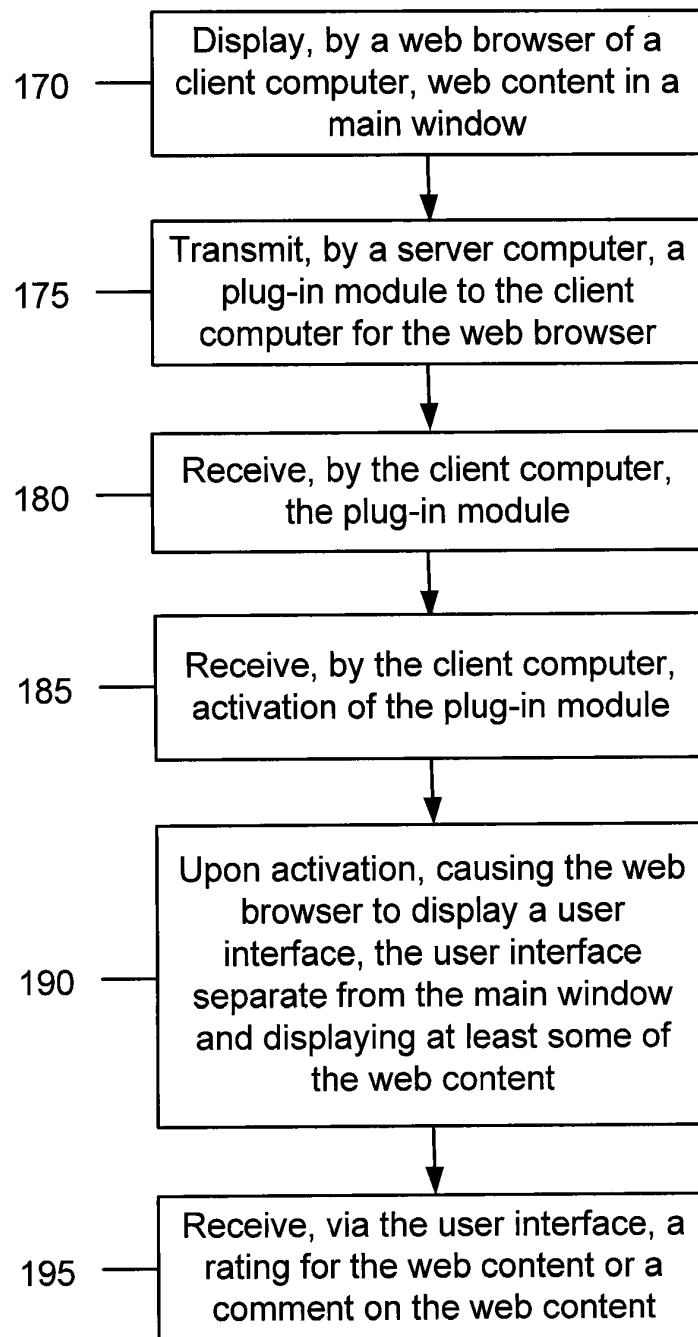
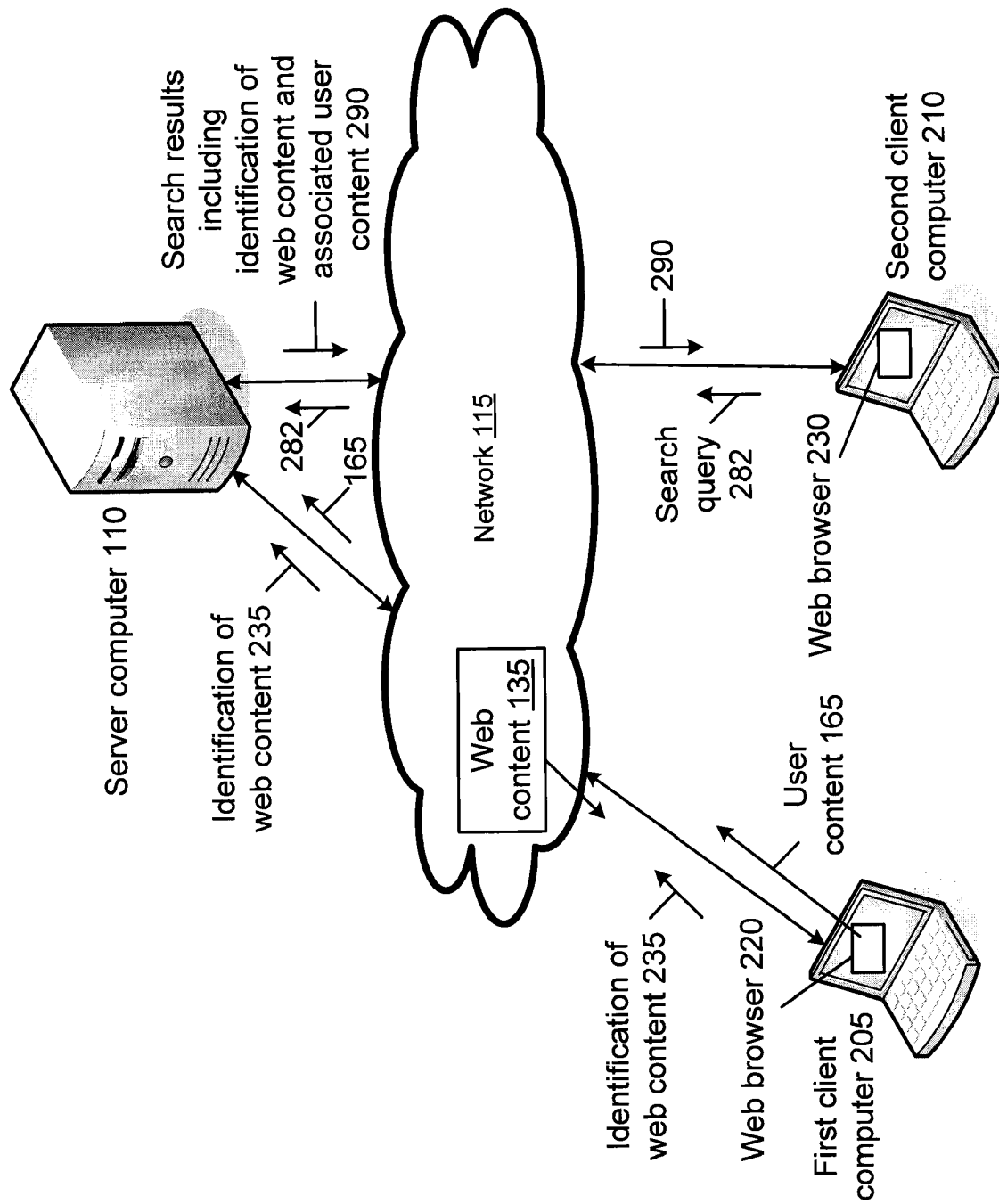


Fig. 1B

**Fig. 2A**

4/17

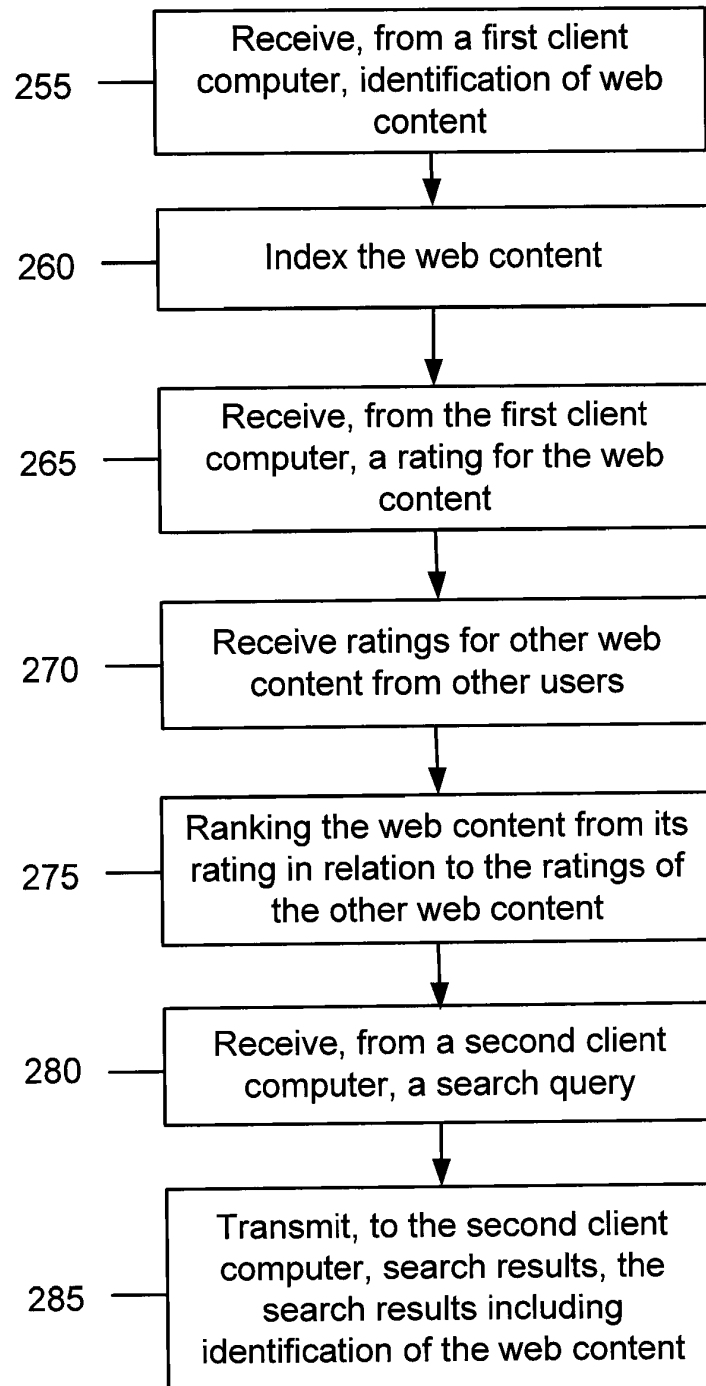


Fig. 2B

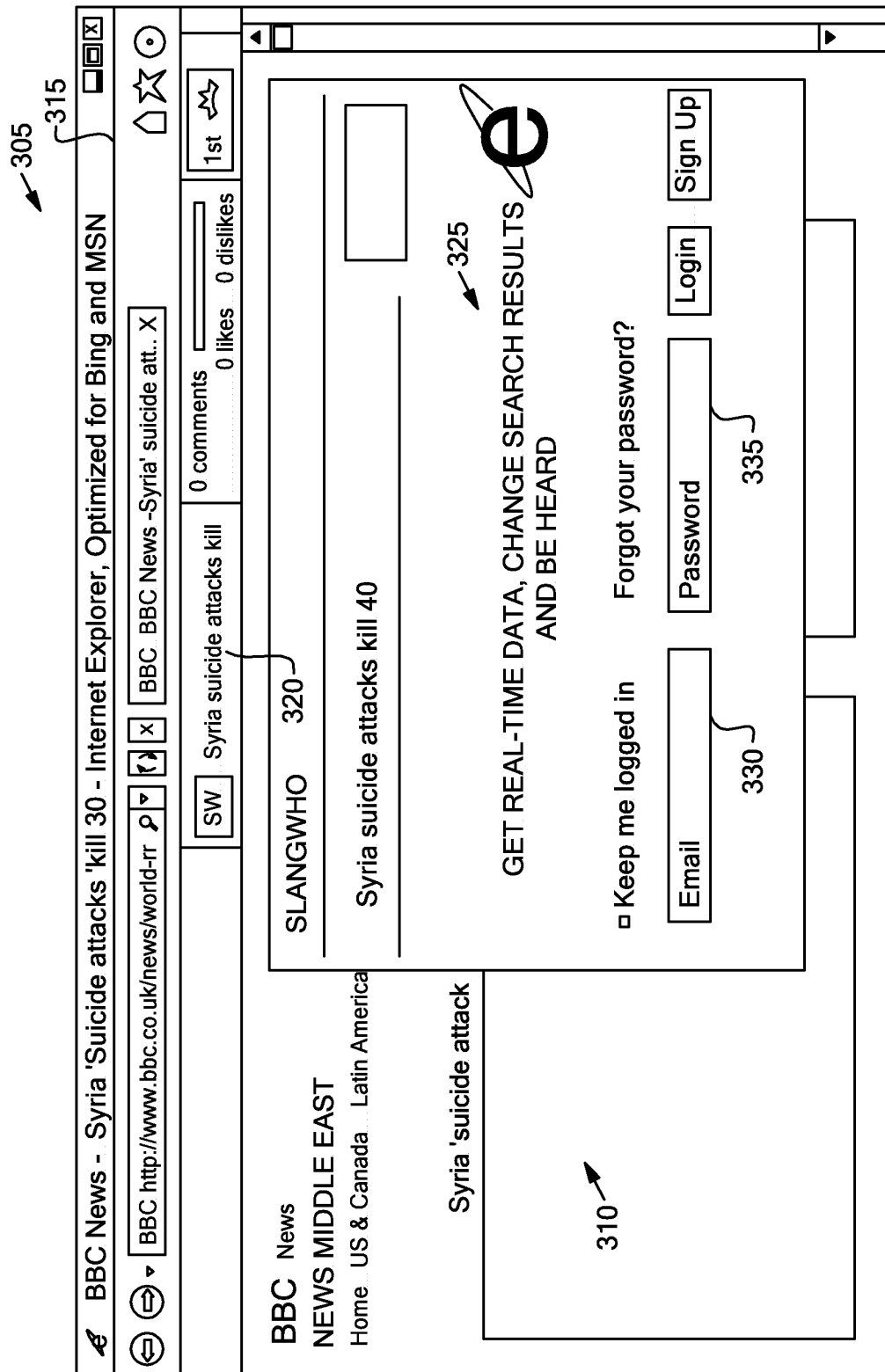


Fig. 3A

340

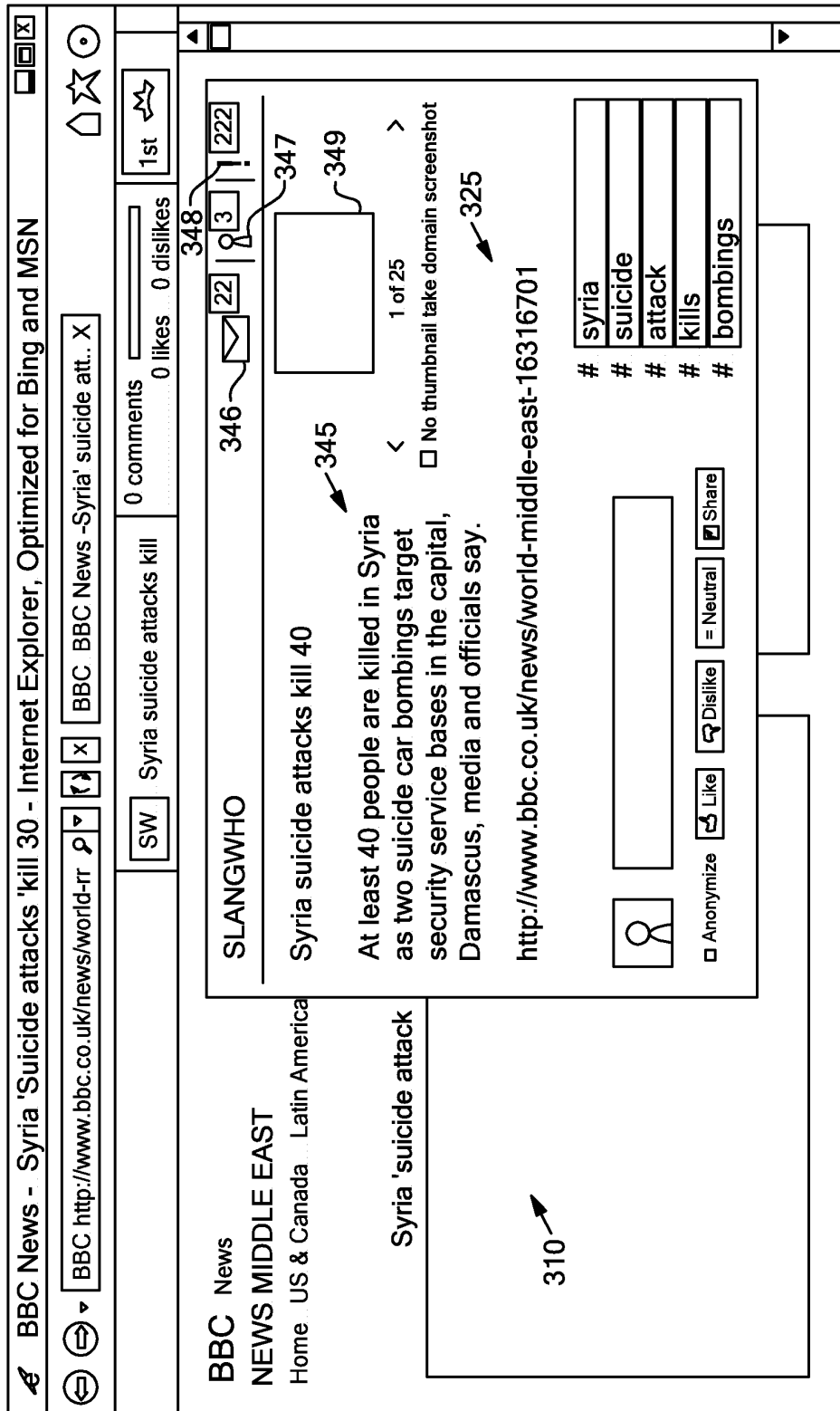


Fig. 3B

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

SW

Syria suicide attacks kill

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Syria suicide attacks kill 40

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

1 comment

1 like

0 dislikes

Wan Di

Dec 19, 12:45 AM

awesome! i cannot believe it i love it sooooo much

ADDED TO S

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#syria

#suicide

#attack

#kills

#bombings

BBC News

NEWS MIDDLE EAST

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Syria 'suicide attack

Fig. 3C

[illegible]

Fig. 3D

Fig. 3E

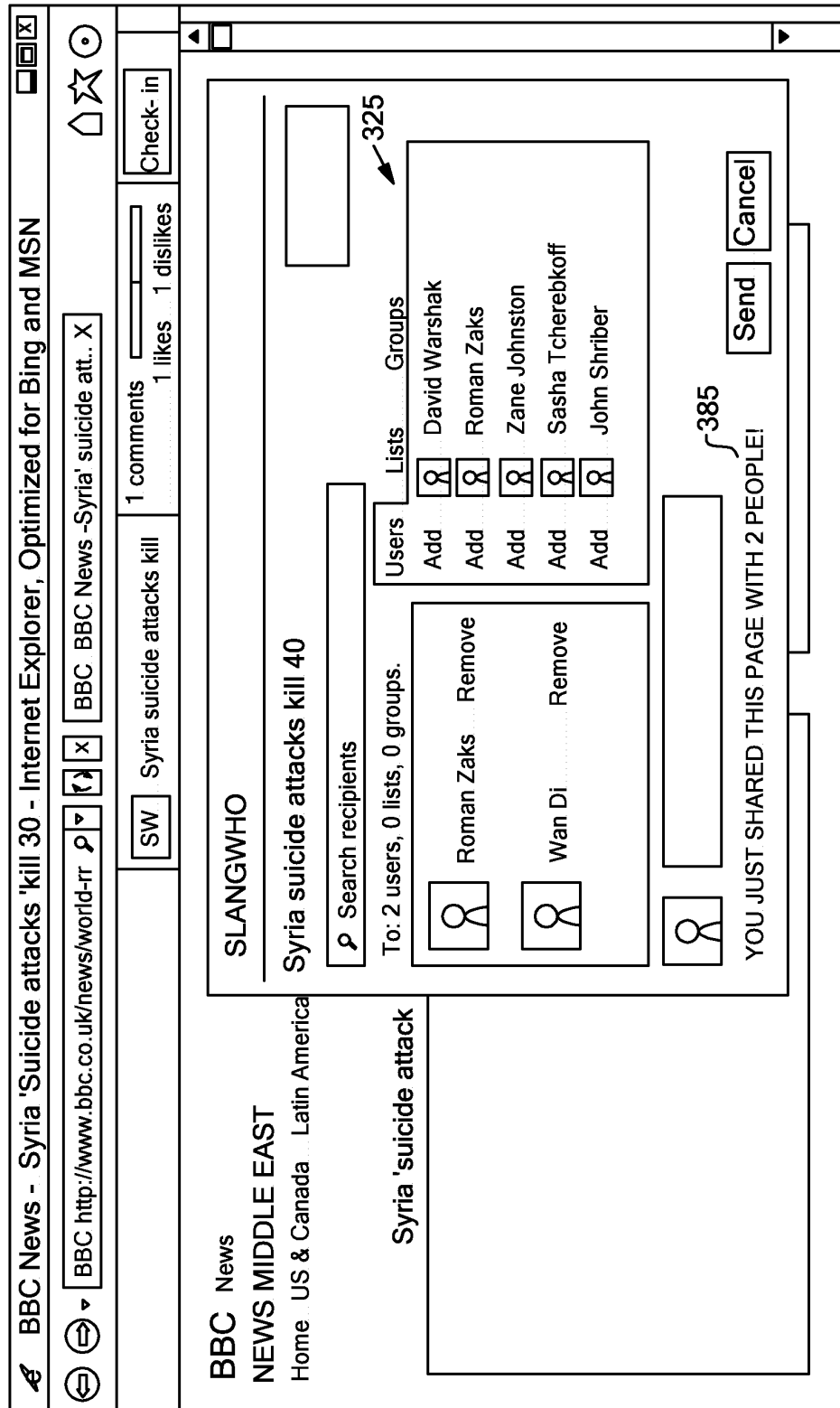


Fig. 3F

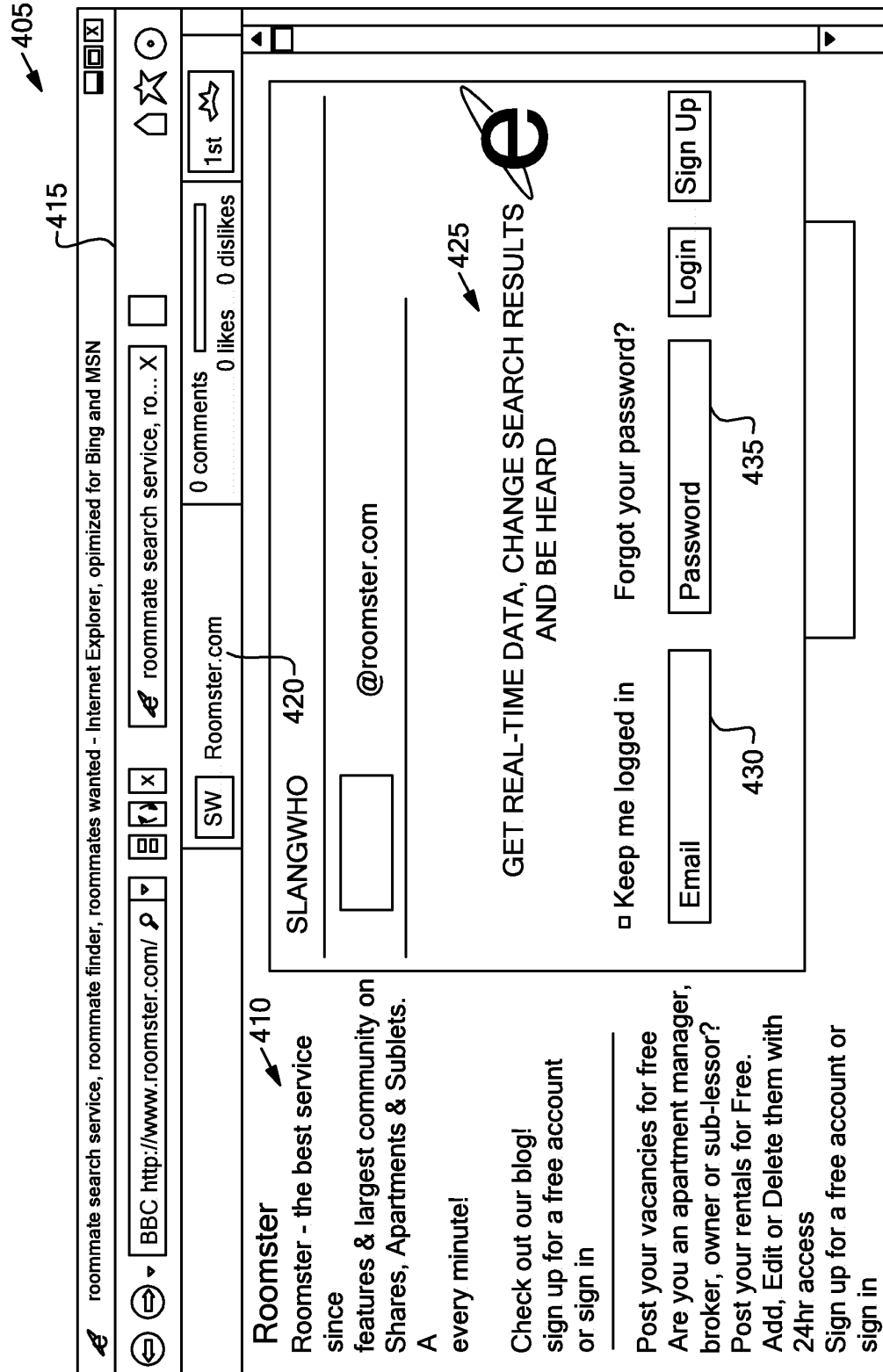


Fig. 4A

440

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1st

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syria
suicide
attack
kills
bombings

425

http://www.roomster.com/

Fig. 4B

450

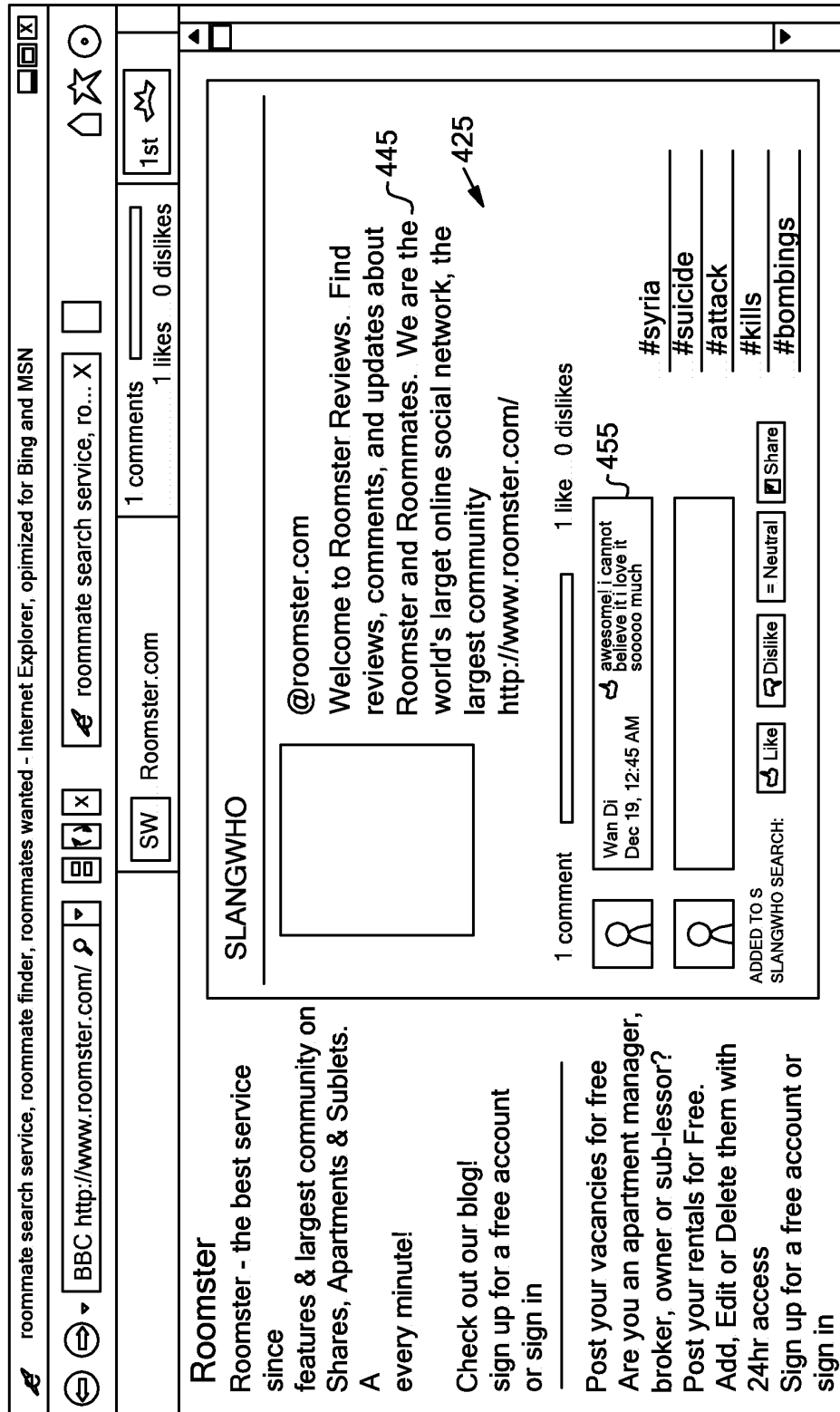


Fig. 4C

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SW Roomster.com 2 comments 1 likes 1 dislikes Check-in

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http://www.roomster.com/ ↖425

2 comment 1 like 1 dislikes 455

	Wan Di Dec 19, 12:45 AM	awesome! i cannot believe it love it sooooo much	#syria
	John Shriber Dec 20, 9:34 PM	this is really too bad	#suicide
			#attack
			#kills
			#bombings

ADDED TO S SLANGWHO SEARCH:

[Like] [Dislike] [Neutral] [Share]

Fig. 4D

470

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2 comments 1 likes 1 dislikes

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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

EX1009, Page 37


[roommate search service, roommate finder - Internet Explorer, optimized for Bing and MSN](#)

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SLANGWHO

To: 2 users, 0 lists, 0 groups.

Users

David Warshak
 Roman Zaks
 Zane Johnston
 Sasha Tcherebkoff
 John Shriber

Lists

Groups

425

485

YOU JUST SHARED THIS PAGE WITH 2 PEOPLE!

Fig. 4F

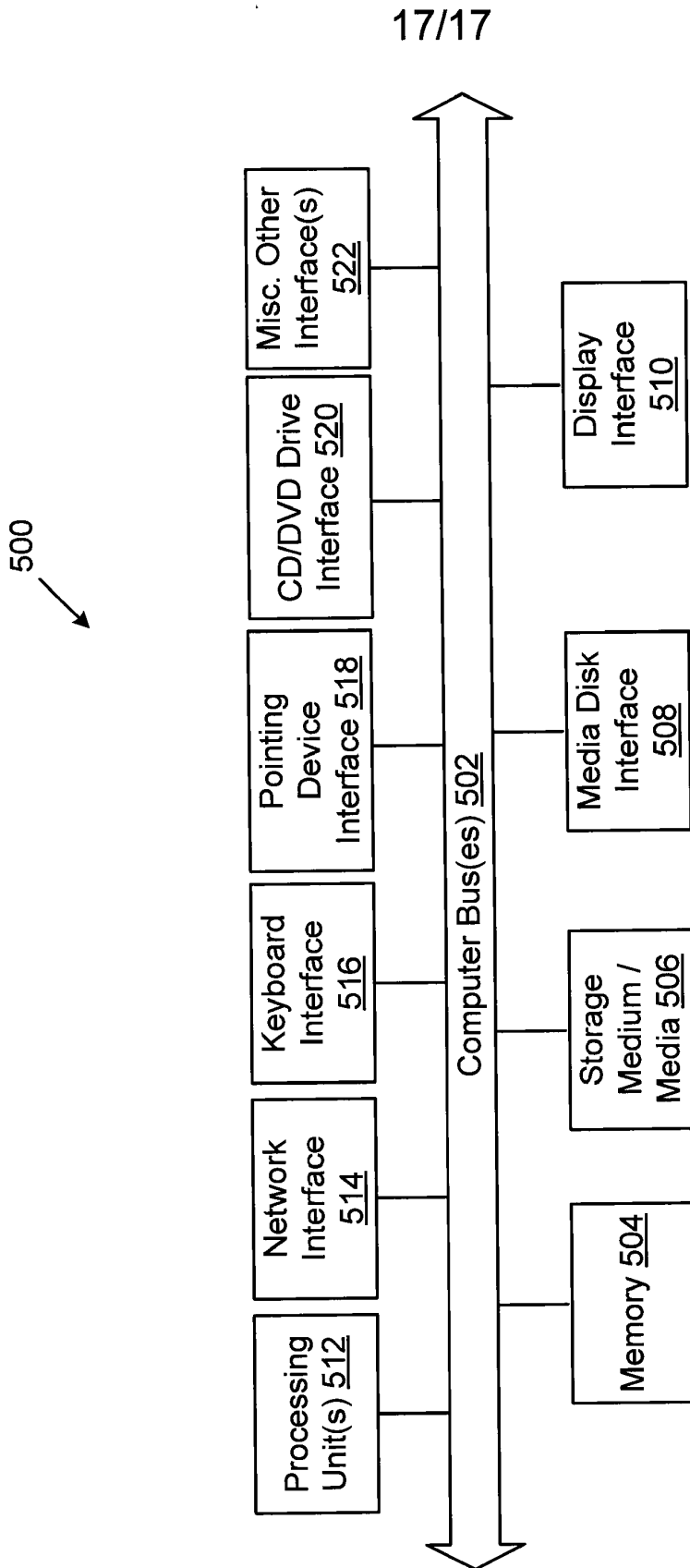


Fig. 5

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	126867-200105/US
		Application Number	
Title of Invention	Search Engine		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2:

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

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	John	S.	Shriber
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Mailing Address of Inventor:			
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City	New York	State/Province	NY
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	Roman		Zaks
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Mailing Address of Inventor:			
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For further information see 37 CFR 1.33(a).

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		Application Number	
Title of Invention	Search Engine		

☐ An Address is being provided for the correspondence information of this application.

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

Application Information:

Title of the Invention	Search Engine		
Attorney Docket Number	126867-200105/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)	

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

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:
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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.

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		Application Number	
Title of Invention	Search Engine		

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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.

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Prior Application Status	Pending	Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
	Continuation of	13420503	2012-03-14
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
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.			Add

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This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)ⁱ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

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

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	126867-200105/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).

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	126867-200105/US
		Application Number	
Title of Invention	Search Engine		

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If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:			
Name of the Deceased or Legally Incapacitated Inventor:			
If the Applicant is an Organization check here. ☒			
Organization Name	SlangWho, Inc.		
Mailing Address Information For Applicant:			
Address 1	285 W. Broadway, Suite 320		
Address 2			
City	New York	State/Province	NY
Country	US	Postal Code	10013
Phone Number		Fax Number	
Email Address			
Additional Applicant Data may be generated within this form by selecting the Add button.			Add

Assignee Information including Non-Applicant Assignee Information:

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.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	126867-200105/US
		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.				
				Remove
If the Assignee or Non-Applicant Assignee is an Organization check here.				☐
Prefix	Given Name	Middle Name	Family Name	Suffix
Mailing Address Information For Assignee including Non-Applicant Assignee:				
Address 1				
Address 2				
City		State/Province		
Country ⁱ		Postal Code		
Phone Number		Fax Number		
Email Address				
Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.				Add

Signature:

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). However, if this Application Data Sheet is submitted with the **INITIAL** filing of the application and either box A or B is **not** checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Meng Sui/		Date (YYYY-MM-DD)	2016-04-29
First Name	Meng	Last Name	Sui	Registration Number
				62633
Additional Signature may be generated within this form by selecting the Add button.				Add

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	126867-200105/US
		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.**

Privacy Act Statement

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

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

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

Electronic Patent Application Fee Transmittal				
Application Number:				
Filing Date:				
Title of Invention:		SEARCH ENGINE		
First Named Inventor/Applicant Name:		John S. Shriber		
Filer:		John Patrick Ward/Junchao Zhang		
Attorney Docket Number:		126867-200105/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	70	70
Utility Search Fee	2111	1	300	300
Utility Examination Fee	2311	1	360	360
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 (\$)				730

Electronic Acknowledgement Receipt	
EFS ID:	25629433
Application Number:	15142479
International Application Number:	
Confirmation Number:	3306
Title of Invention:	SEARCH ENGINE
First Named Inventor/Applicant Name:	John S. Shriber
Customer Number:	64494
Filer:	John Patrick Ward/Junchao Zhang
Filer Authorized By:	John Patrick Ward
Attorney Docket Number:	126867-200105/US
Receipt Date:	29-APR-2016
Filing Date:	
Time Stamp:	14:54:59
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 730
RAM confirmation Number	1371
Deposit Account	502638
Authorized User	WARD, JOHN
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 CFR 1.16 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 CFR 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 CFR 1.19 (Document supply fees)

Charge any Additional Fees required under 37 CFR 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		126867-200105_Application.pdf	146543 7ff949d43bd48656bc3c1e533962f75900347f94	yes	22
Multipart Description/PDF files in .zip description					
	Document Description		Start	End	
	Specification		1	18	
	Claims		19	21	
	Abstract		22	22	
Warnings:					
Information:					
2	Drawings-only black and white line drawings	126867-200105_Figures.PDF	1871583 3b08e05e4b56ec83c65be76b16a939b75c63ff06	no	17
Warnings:					
Information:					
3	Application Data Sheet	126867-200105_ADS.PDF	1793163 85959912088e591b11b2b9e2c640df138594552	no	8
Warnings:					
Information:					
4	Fee Worksheet (SB06)	fee-info.pdf	34966 13fac69bf2f0c97effb85ba56c4430554561aa6	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			3846255		

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

New Applications Under 35 U.S.C. 111

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

National Stage of an International Application under 35 U.S.C. 371

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

New International Application Filed with the USPTO as a Receiving Office

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

Electronic Acknowledgement Receipt	
EFS ID:	25629433
Application Number:	15142479
International Application Number:	
Confirmation Number:	3306
Title of Invention:	SEARCH ENGINE
First Named Inventor/Applicant Name:	John S. Shriber
Customer Number:	64494
Filer:	John Patrick Ward/Junchao Zhang
Filer Authorized By:	John Patrick Ward
Attorney Docket Number:	126867-200105/US
Receipt Date:	29-APR-2016
Filing Date:	
Time Stamp:	14:54:59
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 730
RAM confirmation Number	1371
Deposit Account	502638
Authorized User	WARD, JOHN
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 CFR 1.16 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 CFR 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 CFR 1.19 (Document supply fees)

Charge any Additional Fees required under 37 CFR 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		126867-200105_Application.pdf	146543	yes	22
			7ff949d43bd48656bc3c1e533962f75900347f94		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Specification		1	18	
	Claims		19	21	
	Abstract		22	22	
Warnings:					
Information:					
2	Drawings-only black and white line drawings	126867-200105_Figures.PDF	1871583	no	17
			3b08e05e4b56ec83c65be76bfa939b75c63ffa6		
Warnings:					
Information:					
3	Application Data Sheet	126867-200105_ADS.PDF	1793163	no	8
			85959912088e591b11b2b9e2c640df5138594552		
Warnings:					
Information:					
4	Fee Worksheet (SB06)	fee-info.pdf	34966	no	2
			13fac69bf2f0c97effb85ba56c4430554561aa6		
Warnings:					
Information:					
Total Files Size (in bytes):			3846255		

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

New Applications Under 35 U.S.C. 111

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

National Stage of an International Application under 35 U.S.C. 371

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

New International Application Filed with the USPTO as a Receiving Office

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

Document code: WFEE

United States Patent and Trademark Office
Sales Receipt for Accounting Date: 05/12/2016

CCETIN	SALE	#00000008	Mailroom Dt: 04/29/2016	502638	15142479
		01	FC : 2051	70.00	DA

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875						Application or Docket Number 15/142,479			
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 (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	70		N/A			
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A	300		N/A			
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	360		N/A			
TOTAL CLAIMS (37 CFR 1.16(i))	15 minus 20 =	*	x 40 =	0.00	OR				
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3 minus 3 =	*	x 210 =	0.00					
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$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 (37 CFR 1.16(j))				0.00					
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	730		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 (37 CFR 1.16(i))	*	Minus **	=	x =	OR	x =		
	Independent (37 CFR 1.16(h))	*	Minus ***	=	x =	OR	x =		
	Application Size Fee (37 CFR 1.16(s))					OR			
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					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 (37 CFR 1.16(i))	*	Minus **	=	x =	OR	x =		
	Independent (37 CFR 1.16(h))	*	Minus ***	=	x =	OR	x =		
	Application Size Fee (37 CFR 1.16(s))					OR			
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					OR			
TOTAL ADD'L FEE					OR	TOTAL ADD'L FEE			
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.									



UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
15/142,479	04/29/2016		800	126867-200105/US	15	3

CONFIRMATION NO. 3306

FILING RECEIPT



CC000000032884521

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: 05/13/2016

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)

SlangWho, Inc., New York, NY;

Power of Attorney: None

Domestic Priority data as claimed by applicant

This application 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: 05/11/2016

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 15/142,479**

Projected Publication Date: 08/18/2016

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

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

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

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

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

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

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

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

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

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

NOT GRANTED

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

SelectUSA

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit <http://www.SelectUSA.gov> or call +1-202-482-6800.



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
15/142,479	04/29/2016	John S. Shriber	126867-200105/US

CONFIRMATION NO. 3306

INFORMAL NOTICE



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: 05/13/2016

INFORMATIONAL NOTICE TO APPLICANT

Applicant is notified that the above-identified application contains the deficiencies noted below. No period for reply is set forth in this notice for correction of these deficiencies. However, if a deficiency relates to the inventor's oath or declaration, the applicant must file an oath or declaration in compliance with 37 CFR 1.63, or a substitute statement in compliance with 37 CFR 1.64, executed by or with respect to each actual inventor no later than the expiration of the time period set in the "Notice of Allowability" to avoid abandonment. See 37 CFR 1.53(f).

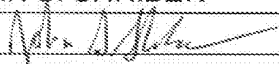
The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

- 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.

/zretta/

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.

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.

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.

**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: <u>ROMAN ZAKS</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/D1 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.

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1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
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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.
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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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:	26475643
Application Number:	15142479
International Application Number:	
Confirmation Number:	3306
Title of Invention:	Search Engine
First Named Inventor/Applicant Name:	John S. Shriber
Customer Number:	64494
Filer:	John Patrick Ward/Meng Sui
Filer Authorized By:	John Patrick Ward
Attorney Docket Number:	126867-200105/US
Receipt Date:	27-JUL-2016
Filing Date:	29-APR-2016
Time Stamp:	18:14:26
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	126867-200105_Declaration.pdf	2730188 bec01194c224fdb8a20f30fbc18dad3a0c77cfad	no	4

Warnings:

The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing

Information:

Total Files Size (in bytes):

2730188

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

New Applications Under 35 U.S.C. 111

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

National Stage of an International Application under 35 U.S.C. 371

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

New International Application Filed with the USPTO as a Receiving Office

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



UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
15/142,479	04/29/2016	John S. Shriber	126867-200105/US

CONFIRMATION NO. 3306

PUBLICATION NOTICE



0000000085193148

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-2016-0239526-A1

Publication Date:08/18/2016

NOTICE OF PUBLICATION OF APPLICATION

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

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

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Office of Public Records. The Office of Public Records can be reached by telephone at (703) 308-9726 or (800) 972-6382, by facsimile at (703) 305-8759, by mail addressed to the United States Patent and Trademark Office, Office of Public Records, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at www.uspto.gov using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently <http://pair.uspto.gov/>. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at 1-866-217-9197.

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



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/142,479	04/29/2016	John S. Shriber	126867-200105/US	3306

64494 7590 06/15/2017
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	

NOTIFICATION DATE	DELIVERY MODE
06/15/2017	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):

gtipmail@gtlaw.com
clairt@gtlaw.com
rupickd@gtlaw.com

Office Action Summary	Application No. 15/142,479	Applicant(s) SHRIBER ET AL.	
	Examiner MOHAMMED R. UDDIN	Art Unit 2167	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on April 29, 2016.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.
- 4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

- 5) ☒ Claim(s) 1-15 is/are pending in the application.
5a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 6) ☐ Claim(s) ____ is/are allowed.
- 7) ☒ Claim(s) 1-15 is/are rejected.
- 8) ☐ Claim(s) ____ is/are objected to.
- 9) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

- 10) ☐ The specification is objected to by the Examiner.
- 11) ☒ The drawing(s) filed on 04/29/2016 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- a) ☐ All b) ☐ Some** c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|--|
| 1) ☒ Notice of References Cited (PTO-892) | 3) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____ |
| 2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)
Paper No(s)/Mail Date ____ | 4) ☐ Other: ____ |

1. The present application is being examined under the pre-AIA first to invent provisions.

DETAILED ACTION

2. This action is in response to the communication filed on April 29, 2016.
3. Claims 1-15 are examined and are pending.

Double Patenting

4. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the “right to exclude” granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on nonstatutory double patenting provided the reference application or patent either is shown to be commonly owned with the examined application, or claims an invention made as a

result of activities undertaken within the scope of a joint research agreement. See MPEP § 717.02 for applications subject to examination under the first inventor to file provisions of the AIA as explained in MPEP § 2159. See MPEP §§ 706.02(I)(1) - 706.02(I)(3) for applications not subject to examination under the first inventor to file provisions of the AIA. A terminal disclaimer must be signed in compliance with 37 CFR 1.321(b).

The USPTO Internet website contains terminal disclaimer forms which may be used. Please visit www.uspto.gov/patent/patents-forms. The filing date of the application in which the form is filed determines what form (e.g., PTO/SB/25, PTO/SB/26, PTO/AIA/25, or PTO/AIA/26) should be used. A web-based eTerminal Disclaimer may be filled out completely online using web-screens. An eTerminal Disclaimer that meets all requirements is auto-processed and approved immediately upon submission. For more information about eTerminal Disclaimers, refer to www.uspto.gov/patents/process/file/efs/guidance/eTD-info-I.jsp.

<u>Instant Application: 15142479</u>	<u>Patent 9,338,215</u>
<u>1. A method comprising: providing, by a server computer, a first user interface operating on the first client computer and displaying 3rd party content on the first client computer, wherein the first user interface is separate from a main window of a web browser, and wherein the first</u>	<u>1. A method comprising: providing, by a server computer, a plug-in module to a first client computer operated by a first user, the plug-in module for displaying a user interface by a web browser operating on the first client computer and displaying web content on the first client computer,</u>

<u>user interface automatically selects a portion of the 3rd party content and displays the portion of the 3rd party content within the first user interface; receiving, by the server computer, a submission associated with the 3rd party content from the first user via the first user interface; indexing, by the server computer, the 3rd party content based on the submission from the first user; receiving, by the server computer, a search query from a second client computer operated by a second user; in response to receiving the search query, selecting, by the server computer and based on the indexing of the 3rd party content, a set of search results that include an identification of the 3rd party content; and transmitting, by the server computer, the set of search results to the second client computer.</u> 2. The method of claim 1, wherein the 3rd party content comprises of web content.	<u>wherein the user interface is separate from a main window of the web browser, and wherein the user interface automatically selects a portion of the web content and displays the portion of the web content within the first user interface based on settings received from the user via the user interface that include settings to display one or more of the following from the web content: a picture, an icon, a sentence, and a paragraph; receiving, by the server computer, a submission associated with the web content from the first user via the user interface that includes a rating associated with the web content from the first user; indexing, by the server computer, the web content based on the submission from the first user ranking, by the server computer, the web content based on the rating associated with the web content from the first user; receiving, by the server computer, a</u>
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3. The method of claim 2, further comprising: ranking, by the server computer, the 3rd party content based on a rating of the 3rd party content submitted from the first user; and selecting of the set of search results, by the server computer, is further based on the ranking of the 3rd party content. 4. The method of claim 3, <u>wherein ranking the 3rd party content is further based on ratings of the content from other users.</u> 5. The method of claim 4, <u>wherein the rating associated with the content is selected from a group of rating types consisting of like, dislike, and neutral.</u> 6. The method of claim 5, <u>wherein indexing the content comprises indexing the content based on keywords associated with the content in the submission from the first user.</u> 7. The method of claim 6, <u>wherein the submission from the first user further</u>	search query from a web browser of a second client computer operated by a second user; <u>in response to receiving the search query, selecting, by the server computer and based on the ranking of the web content and the indexing of the web content, a set of search results that include an identification of the web content; and transmitting, by the server computer, the set of search results to the web browser of the second client computer.</u> 2. The method of claim 1, <u>wherein ranking the web content is further based on ratings of the web content from other users.</u> 3. The method of claim 1, <u>wherein the rating associated with the web content is selected from a group of rating types consisting of like, dislike, and neutral.</u> 4. The method of claim 1, <u>wherein indexing the web content comprises indexing the web content based on keywords associated with the web content</u>
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<u>comprises a user comment on the content.</u>	<u>in the submission from the first user.</u> 5. The method of claim 1, wherein the <u>submission from the first user further comprises a user comment on the web content.</u> 6. The method of claim 1, wherein the user interface is configured to suggest keywords for the web content displayed in the main browser window.
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Therefore, it would have been obvious to one of ordinary skill in the art of data processing at the time the invention was made to modify the invention as claimed in the instance application by substituting providing, by a server computer, a first user interface operating on the first client computer and displaying 3rd party content on the first client computer, wherein the first user interface is separate from a main window of a web browser, and wherein the first user interface automatically selects a portion of the 3rd party content and displays the portion of the 3rd party content within the first user interface; with a second application of providing, by a server computer, a plug-in module to a first client computer operated by a first user, the plug-in module for displaying a user interface by a web browser operating on the first client computer and displaying web content on the first client computer, since an omission and addition of a cited

limitation would have not changed the process according to which the method and system as claimed. Therefore, the use of having a second application of providing, by a server computer, a plug-in module to a first client computer operated by a first user, the plug-in module for displaying a user interface by a web browser operating on the first client computer and displaying web content on the first client computer would be an obvious variation in the art for the purpose of achieving the same end results a search engine and would not interfere with the functionality of the steps previously claimed and would perform the same function.

Claim Rejections - 35 USC § 101

5. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

6. Claims 1-15 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-patentable subject matter. The claims are directed to a judicial exception (i.e., a law of nature, a natural phenomenon, or an abstract idea) without significantly more.

In accordance with Step 1 of the “2014 Interim Eligibility Guidance Quick Reference Sheet,” (<http://www.gpo.gov/fdsys/pkg/FR-2014-12-16/pdf/2014-29414.pdf>), it is first noted that the claimed method recited in claims 1-20 are directed to a potentially eligible category of subject matter (i.e., processes, machine). Thus, Step 1 is satisfied with respect to claims 1-20.

With respect to Step 2, and in particular Step 2A of the §101 eligibility analysis, it is noted that Claims 1-15 are directed to non-patentable subject matter because the claims as a whole, considering all claim elements both individually and in combination, do not amount to significantly more than an abstract idea. Specifically, the claims are directed towards the concept of *creating an index and using that index to search for and retrieval of data*. Further, to clarify the interpretation of the claimed invention, the claims recite providing by a server computer, a first user interface ... receiving a submission associated with 3rd party content ,, indexing the 3rd party content [creating an index], receiving a search query selecting indexing...search result ... transmitting search result...[using that index to search and retrieve data] The dependent claims merely incorporate additional elements (e.g., ranking the content, rating the content, commenting the content, etc.) that narrow the abstract idea via well-understood, routine and conventional activities previously known to the art, though without yielding an improvement to any technical field, the computer itself, or limitations beyond merely linking the idea to a particular technological environment. Accordingly, the subject matter encompassed by the dependent claims fails to amount to significantly more than the abstract idea. Since instances of *creating an index and using that index to search for and retrieval of data*, as indicated by *Int. Ventures v. Erie Indemnity Co.*, the Examiner reasonably interprets that the aforementioned limitations of the claimed invention do not qualify as significantly more than an abstract idea. Further, as noted in the Applicant's Specification, the computer system to implement the claimed invention includes a processor and memory as described in Para [0050]-[0052], 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., (Specification, [0050]-[0052]). Therefore, one would reasonably deduce that the aforementioned acts are functions that can be done on a generic computer. These acts do not provide improvement to the computer itself, technology nor a technical field, and further the claimed subject matter is not transformed into a different state or thing. Viewed as a whole, these additional claim elements do not provide meaningful limitations to transform the abstract idea into a patent eligible application of the abstract idea such that the claims amount to significantly more than the abstract idea itself. The claims to a system are held ineligible for the same reason. Therefore, the claims are rejected under 35 U.S.C. 101 as being directed to nonstatutory subject matter. See *Alice Corporation Pty. Ltd. v. CLS Bank International*, No. 13-298.

Claim Rejections - 35 USC § 103

7. 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.

8. Claims 1- 2, 6-7, 8-9, 13-14 and 15 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Murdock et al (US 2009/0271388 A1), in view of Cierniak et al (US 2011/0161413 A1).

As per claim 1, Murdock discloses:

- ***a method comprising*** (Para [0042], line 1-3, "It is recognized that all or part of the various devices and networks shown in system 100, and the processes and methods as further described herein, may be implemented using or otherwise include hardware, firmware, software, or any combination thereof"),

- ***providing, by a server computer, a first user interface operating on the first client computer and displaying 3rd party content on the first client computer, wherein the first user interface is separate from a main window of a web browser, and wherein the first user interface automatically selects a portion of the 3rd party content and displays the portion of the 3rd party content within the first user***

interface (Fig. 1, Para [0028], line 1-20, "A display 500 includes a third-party web page 510 hosted by a third-party website (not shown), which may be shown in a browser.

Such a web page may include user-selected text 520 that is highlighted. Such highlighting of text may initiate a web search of the text, as discussed above.

Consequently, one or more categories of content may appear listed in a pop-up box 530 adjacent to the selected text 520 in display 500. A user may select one or more categories of content that match closest to a topic of interest").

Murdock does not explicitly disclose *receiving, by the server computer, a submission associated with the 3rd party content from the first user via the first user interface*. However, in the same field of endeavor Cierniak in an analogous art disclose *receiving, by the server computer, a submission associated with the 3rd party content from the first user via the first user interface* (Fig. 4, Para [0021], line 1-6, "Another example of a comment may include a blog post (submission associated with 3rd party content). Yet another example of a comment may include a web page or a news article that remarks upon an item (e.g., a product, a service, a company, a web site, a person, a geographic location, or something else that can be remarked upon)"),

Murdock does not explicitly disclose *indexing, by the server computer, the 3rd party content based on the submission from the first user*. However, in the same field of endeavor Cierniak in an analogous art disclose *indexing, by the server computer, the 3rd party content based on the submission from the first user* (Para [0030], line 1-10, "Server 210 may implement a data aggregation service by crawling a corpus of documents (e.g., web pages) hosted on data server(s) 220, indexing the documents to create a search index, and storing information associated with these documents in a repository of crawled documents"),

Murdock does not explicitly disclose *receiving, by the server computer, a search query from a second client computer operated by a second user*. However, in the same field of endeavor Cierniak in an analogous art disclose *receiving, by the server computer, a search query from a second client computer operated by a second user* (Para [0021], line 1-10, "users might like to see users' comments

regarding these documents. A "comment," as used herein, may include text, audio data, video data, and/or image data that provides an opinion of, or otherwise remarks upon, the contents of a document or a portion of a document"), and (Para [0028], line 1-12, "a client 205 may include a user interface (e.g., a browser application) that permits documents to be searched and/or accessed. Client 205 may also include software, such as a plug-in, an applet, a dynamic link library (DLL), or another executable object or process, that may operate in conjunction with (or be integrated into) the user interface to obtain and display comments"),

Murdock does not explicitly disclose *in response to receiving the search query, selecting, by the server computer and based on the indexing of the 3rd party content, a set of search results that include an identification of the 3rd party content; and transmitting, by the server computer, the set of search results to the second client computer*. However, in the same field of endeavor Cierniak in an analogous art disclose *in response to receiving the search query, selecting, by the server computer and based on the indexing of the 3rd party content, a set of search results that include an identification of the 3rd party content; and transmitting, by the server computer, the set of search results to the second client computer* (Para [0072], line 1-20, "browser extension or browser add-on is not implemented at the client browser, the browser may access a link associated with a comment and, in response, a server may generate a document that includes the content of the comment associated with the link, and further includes a HTML iframe that displays the document with which the comment is associated").

Therefore, it would have been obvious to a person of the ordinary skill in the art at the time of the invention was made to incorporate the teaching of Cierniak in to the method of Murdock et al. The modification would be obvious because one having ordinary skill in the art would be motivated to provide a method for searching comment database for finding information of interest.

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

- wherein the 3rd party content comprises of web content (Para [0035], line 1-10, "user is browsing third-party web page 310 using browser 250, as in block 410, though a user is not limited to such a browser. In block 420, the user selects text or an object that is a basis for a search. Such a selection may include one or more words, phrases, characters, figures, diagrams, photos, charts, tables, just to name a few examples").

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

- wherein indexing the content comprises indexing the content based on keywords associated with the content in the submission from the first user (Para [0051], line 5-10, "Each of the one or more indexes may include multiple index entries, with each entry containing a term stored in association with an item, from a document, in which the term appears, and a location within the document where the term appears").

As per claim 7, rejection of claim 6 is incorporated, and further Cierniak discloses:

- *wherein the submission from the first user further comprises a user comment on the content* (Para [0024], line 1-5, "The user may decide to provide a comment 110-N regarding the web page. In this case, the user may activate a commenting function to provide the comment 110-N. The user may then provide an opinion or remark for the comment 110-N").

As per claims 8-9 and 13-14,

Claims 8-9 and 13-14 are a computing device claims corresponding to method claims 1-2 and 6-7 respectively, and rejected under the same reason set forth to the rejection of claim 1-12 and 6-7 above.

As per claim 15,

Claim is the computer readable medium claim corresponding to method claim 1 respectively, and rejected under the same reason set forth to the rejection of claim 1 above.

9. Claims 3-5 and 10-12 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Murdock et al (US 2009/0271388 A1), in view of Cierniak et al (US 2011/0161413 A1), as applied to claims 1 and 8 above, and further in view of Uy (2010/0257184 A1).

As per claim 3, rejection of claim 2 is incorporated,

Combined method of Murdock and Ciermiak does not explicitly disclose *ranking, by the server computer, the 3rd party content based on a rating of the 3rd party*

content submitted from the first user; and selecting of the set of search results, by the server computer, is further based on the ranking of the 3rd party content.

However, in the same field of endeavor Uy in an analogous art disclose *ranking, by the server computer, the 3rd party content based on a rating of the 3rd party content submitted from the first user; and selecting of the set of search results, by the server computer, is further based on the ranking of the 3rd party content* (Para [0090], line 1-10, "The present method of rating an electronic document, such as a webpage or other piece of electronic content, can be used be used to rank a collection of electronic documents. A collection of stored electronic documents can be ranked using the score determined as described herein and the electronic documents displayed in an order based on the their determined scores or based on a ranking formula that factors in the scores as part of the ranking formula"), and (Para [0091], line 1-15, "The rating method can be used to rank electronic documents located in the search index or as a factor in a larger ranking algorithm used by a search engine to rank the results of a search of its index or database").

Therefore, it would have been obvious to a person of the ordinary skill in the art at the time of the invention was made to incorporate the teaching of Uy in to the combined method of Murdock et al and Cierniak. The modification would be obvious because one having ordinary skill in the art would be motivated to provide a method for assigning a score to an electronic document to reflect how good or bad the web page content is.

As per claim 4, rejection of claim 3 is incorporated,

Combined method of Murdock and Cierniak does not explicitly disclose *wherein ranking the 3rd party content is further based on ratings of the content from other users*. However, in the same field of endeavor Uy in an analogous art discloses *wherein ranking the 3rd party content is further based on ratings of the content from other users* (Para [0011], line 1-10, “receiving a rating value of an electronic document from each of at least two of the members of the plurality of members; and determining a score for the electronic document, the score based on each rating value assigned to the electronic document by a member with each rating value being weighted by the weight factor assigned to the member who provided the rating”).

Therefore, it would have been obvious to a person of the ordinary skill in the art at the time of the invention was made to incorporate the teaching of Uy in to the combined method of Murdock et al and Cierniak. The modification would be obvious because one having ordinary skill in the art would be motivated to provide a method for assigning a score to an electronic document to reflect how good or bad the web page content is.

As per claim 5, rejection of claim 4 is incorporated,

Combined method of Murdock and Cierniak does not explicitly disclose *wherein the rating associated with the content is selected from a group of rating types consisting of like, dislike, and neutral*. However, in the same field of endeavor Uy in an analogous art discloses *wherein the rating associated with the content is selected from a group of rating types consisting of like, dislike, and neutral* (Para [0045], line 1-10, “The document rating field 440 typically comprises a rating from 1 to

10 with 10 being the highest and 1 being the lowest, however, any sufficient rating system could be used, such as numeric, alphanumeric (i.e. excellent, good, average, poor, horrible), symbolic (i.e. four stars, two thumbs up) or any other suitable rating system”).

Therefore, it would have been obvious to a person of the ordinary skill in the art at the time of the invention was made to incorporate the teaching of Uy in to the combined method of Murdock et al and Cierniak. The modification would be obvious because one having ordinary skill in the art would be motivated to provide a method for assigning a score to an electronic document to reflect how good or bad the web page content is.

As per claims 10-12,

Claims 10-12 are a computing device claims corresponding to method claims 3-5 respectively, and rejected under the same reason set forth to the rejection of claim 1-12 and 3-5 above.

Contact Information

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 Mon - Fri 7:30 AM - 5:00 PM EST.

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, Robert Beausoliel 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 <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/MOHAMMED R UDDIN/
Primary Examiner, Art Unit 2167

Notice of References Cited	Application/Control No. 15/142,479	Applicant(s)/Patent Under Reexamination SHRIBER ET AL.	
	Examiner MOHAMMED R. UDDIN	Art Unit 2167	Page 1 of 2

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*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
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NON-PATENT DOCUMENTS

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	U	
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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. 15/142,479	Applicant(s)/Patent Under Reexamination SHRIBER ET AL.	
	Examiner MOHAMMED R. UDDIN	Art Unit 2167	Page 2 of 2

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	H	US-				
	I	US-				
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	K	US-				
	L	US-				
	M	US-				

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
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	T					

NON-PATENT DOCUMENTS

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	X	

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Search Notes 	Application/Control No. 15142479	Applicant(s)/Patent Under Reexamination SHRIBER ET AL.
	Examiner MOHAMMED R UDDIN	Art Unit 2167

CPC- SEARCHED		
Symbol	Date	Examiner
(G06F17/30312 G06F17/30554 G06F17/3053)	06/09/2017	M. Uddin
(G06F17/30864 G06F3/04842 G06F17/2247)	06/09/2017	M. Uddin
(G06F17/30867 G06F17/279 H04L67/10 H04L67/02 G06Q10/10)	06/09/2017	M. Uddin

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
707		06/09/2017	M. Uddin
707	711, 748, 793, 805	06/09/2017	M. Uddin

SEARCH NOTES		
Search Notes	Date	Examiner
EAST Searched: See attached EAST Search History	06/09/2017	M. Uddin
Inventor Searched: See attached EAST Search History	06/09/2017	M. Uddin

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

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<i>Index of Claims</i> 	Application/Control No. 15142479	Applicant(s)/Patent Under Reexamination SHRIBER ET AL.
	Examiner MOHAMMED R UDDIN	Art Unit 2167

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47										
CLAIM			DATE							
Final	Original	06/09/2017								
	1	✓								
	2	✓								
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	14	✓								
	15	✓								



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CONFIRMATION NO. 3306

SERIAL NUMBER 15/142,479	FILING or 371(c) DATE 04/29/2016 RULE	CLASS 707	GROUP ART UNIT 2167	ATTORNEY DOCKET NO. 126867-200105/US	
APPLICANTS SlangWho, Inc., New York, NY; INVENTORS John S. Shriber, New York, NY; Roman Zaks, New York, NY; ** CONTINUING DATA ** YES ***** NO ***** This application 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 ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** SMALL ENTITY ** 05/11/2016					
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 STATE OR COUNTRY NY	SHEETS DRAWINGS 17	TOTAL CLAIMS 15	INDEPENDENT CLAIMS 3
ADDRESS GREENBERG TRAURIG, 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 800	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
L1	3	"9338215".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 12:52
L2	229018	"707".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 12:52
L3	2317	l2 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 12:53
L4	262	l3 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
L5	258	l4 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
L6	8643	707/711,748,793,805.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 12:55
L7	220	l6 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
L8	25	l7 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
L9	25	l8 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
L10	31219	(G06F17/30312 G06F17/30554 G06F17/3053).cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 12:57

L11	516	I10 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
L12	31	I11 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
L13	31	I12 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
L14	95988	(G06F17/30864 G06F3/04842 G06F17/2247).cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 13:00
L15	1263	I14 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
L16	22	I15 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
L17	214016	(G06F17/30867 G06F17/279 H04L67/10 H04L67/02 G06Q10/10).cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 13:02
L18	1163	I17 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
L19	25	I18 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
L20	5	"20100257184" "20100257184" "20090271388"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 13:09
L21	3	"20110161413"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 13:13
S1	3	"9338215".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/07 16:38

S2	3570	(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
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
S4	8	"20080021880"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 11:47
S5	3	"9338215".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 11:51
S6	5	"20080082904"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 12:04
S7	27057	browser with plug\$in	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 12:13
S8	2735	S7 and (pop\$up near4 (window or interface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 12:14
S9	1219	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
S10	1245	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
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
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
S13	4	"20110252041" "20100280860"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 12:30

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
S15	7	S14 and (interface and browser and content).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 14:52
S16	3	"20100257184"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 15:00
S17	10	"2010025541"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 15:20
S18	7	"20100025541"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 15:21
S19	6	"20100125541"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 15:21
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
S21	7	("9058391" "9338215").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 15:53
S22	3	"201001255411" "20110161413"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 15:56
S23	13	"20080082904" "20080021880"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08 16:35
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
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

S26	14	S24 and interface with browser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08; 17:18
S27	4	"9021390".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08; 17:25
S28	632	index\$3 with snippet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08; 17:40
S29	31	S28 and (search\$3 or quer\$3) with article with index\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08; 17:42
S30	27487	plug\$in with brows\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/08; 17:48
S31	1114	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
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
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
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
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
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; DERWENT; IBM_TDB	OR	ON	2017/06/08; 18:06
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

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
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
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
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
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
S43	9546	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: 09:56
S44	3617	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
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
S46	2	"20100257184".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09: 11:03
S47	1	S46 and (rank\$3 or weight\$3) with document with (rate or ratining or comment\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09: 11:03

6/9/2017 1:15:24 PM

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:	John Shriber, et al.	Examiner:	Mohammed Uddin
Serial No.:	15/142,479	Group Art Unit:	2167
Filed:	April 29, 2016	Confirmation:	3306
Title:	Search Engine		

RESPONSE TO NON-FINAL OFFICE ACTION

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

Sir/Madam:

In response to the Non-Final Office Action mailed June 15, 2017, please kindly enter the following amendments and consider the following remarks/arguments:

Amendments to the Claims are reflected in the list of claims that begins on page 2 of this paper;

Remarks/Arguments begin on page 5 of this paper.

CLAIMS

1. (Currently Amended) A method comprising:
 - providing, by a server computer, a first user interface operating on the first client computer and displaying 3rd party content on the first client computer, wherein the first user interface is separate from a main window of a web browser, and wherein the first user interface automatically selects a portion of the 3rd party content and displays the portion of the 3rd party content within the first user interface;
 - receiving, by the server computer, a submission associated with the 3rd party content from the first user via the first user interface;
 - indexing, by the server computer, the 3rd party content based on the submission from the first user;
 - ranking, by the server computer, the 3rd party content based on a rating of the 3rd party content submitted from the first user;
 - receiving, by the server computer, a search query from a second client computer operated by a second user;
 - in response to receiving the search query, selecting, by the server computer and based on the indexing and the ranking of the 3rd party content, a set of search results that include an identification of the 3rd party content; and
 - transmitting, by the server computer, the set of search results to the second client computer.
2. (Original) The method of claim 1, wherein the 3rd party content comprises of web content.
3. (Canceled)
4. (Currently Amended) The method of claim [3] 1, wherein ranking the 3rd party content is further based on ratings of the content from other users.
5. (Original) The method of claim 4, wherein the rating associated with the content is selected from a group of rating types consisting of like, dislike, and neutral.

6. (Original) The method of claim 5, wherein indexing the content comprises indexing the content based on keywords associated with the content in the submission from the first user.
7. (Original) The method of claim 6, wherein the submission from the first user further comprises a user comment on the content.
8. (Original) A computing device comprising:
 - a processor; and
 - memory coupled to the processor and storing instructions that, when executed by the processor, cause the computing device to:
 - provide a first user interface to a first client computer and display 3rd party content on the first client computer, wherein the first user interface is separate from a main window of a web browser, and wherein the first user interface automatically selects a portion of the 3rd party content and displays the portion of the 3rd party content within the first user interface;
 - receive a submission associated with the 3rd party content from the first user via the first user interface;
 - index the 3rd party content based on the submission from the first user;
 - rank the 3rd party content based on a rating of the 3rd party content submitted from the first user;
 - receive a search query from a second client computer operated by a second user;
 - in response to receiving the search query, select based on the indexing and ranking of the 3rd party content, a set of search results that include an identification of the 3rd party content; and
 - transmit the set of search results to the second client computer.
9. (Original) The computing device of claim 8, wherein the 3rd party content comprises of web content.
10. (Original) The computing device of claim 9, further comprising:
 - ranking the 3rd party content based on a rating of the 3rd party content submitted from the first user;
 - and selecting of the set of search results is further based on the ranking of the 3rd party content.

11. (Original) The computing device of claim 10, wherein ranking the 3rd party content is further based on ratings of the content from other users.
12. (Original) The computing device of claim 11, wherein the rating associated with the content is selected from a group of rating types consisting of like, dislike, and neutral.
13. (Original) The computing device of claim 12, wherein indexing the content comprises indexing the content based on keywords associated with the content in the submission from the first user.
14. (Original) The computing device of claim 13, wherein the submission from the first user further comprises a user comment on the content.
15. (Currently Amended) A non-transitory computer readable storage medium storing instructions that, when executed by a server computer, cause the server computer to:
 - provide a first user interface to a first client computer and display 3rd party content on the first client computer, wherein the first user interface is separate from a main window of a web browser, and wherein the first user interface automatically selects a portion of the 3rd party content and displays the portion of the 3rd party content within the first user interface;
 - receive a submission associated with the 3rd party content from the first user via the first user interface;
 - index the 3rd party content based on the submission from the first user;
 - rank the 3rd party content based on a rating of the 3rd party content submitted from the first user;
 - receive a search query from a second client computer operated by a second user;
 - in response to receiving the search query, select based on the indexing and ranking of the 3rd party content, a set of search results that include an identification of the 3rd party content; and
 - transmit the set of search results to the second client computer.

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.

Double Patenting

This application was rejected because of the nonstatutory double patenting over patent no. 9,338,215. A terminal disclaimer is filed herewith to overcome the double patenting rejection.

Rejections under 35 U.S.C. §103(a)

Claims 1-2, 6-7, 8-9, 13-14 and 15 were rejected under 35 U.S.C. §103(a) over Murdock (US 2009/0271388 A1), in view of Cierniak (US 2011/0161413 A1). The rejections are respectfully traversed.

Applicant's amended independent claims 1, 8 and 15 include claimed features not disclosed or suggested in Murdock or Cierniak. In particular, Applicant's amended independent claim 1 includes the claimed features of:

providing, by a server computer, a first user interface operating on the first client computer and displaying 3rd party content on the first client computer, wherein the first user interface is separate from a main window of a web browser, and wherein the first user interface automatically selects a portion of the 3rd party content and displays the portion of the 3rd party content within the first user interface;

receiving, by the server computer, a submission associated with the 3rd party content from the first user via the first user interface;

indexing, by the server computer, the 3rd party content based on the submission from the first user;

ranking, by the server computer, the 3rd party content based on a rating of the 3rd party content submitted from the first user;

receiving, by the server computer, a search query from a second client computer operated by a second user;

in response to receiving the search query, selecting, by the server computer and based on the indexing and the ranking of the 3rd party content, a set of search results that include an identification of the 3rd party content; and

transmitting, by the server computer, the set of search results to the second client computer.

The claimed feature of providing 3rd party content in a first user interface that is separate from a main window of a web browser, indexing and ranking the 3rd party content based on input from the first user, and responding to search query by searching/selecting from the 3rd party content based on the indexing and ranking of the 3rd party content, and transmitting the results, is not disclosed or suggested in either Murdock or Cierniak.

Rather Murdock is limited to disclosing a system that relates to creating a search query based on content and subject of a web page, for example. In one particular example, such a search query may be established by a selection of one or more keywords in a web page. Consequently, the search query may be affected by a determination of content and/or a subject of the web page. (Murdock, [002-005]). Nothing in Murdock related to providing 3rd party content in a first user interface that is separate from a main window of a web browser, indexing and ranking the 3rd party content based on input from the first user, and responding to search query by searching/selecting from the 3rd party content based on the indexing and ranking of the 3rd party content, and transmitting the results.

Cierniak fails to remedy the deficiency of Murdock. Cierniak is limited to disclosing a system that receives a request associated with a link, where the link is further associated with a comment and where the comment provides an opinion of, or remarks upon, a content of a document. The device retrieves a content of the comment associated with the link from a database and retrieves the document. The device generates another document that displays the content of the comment and includes a frame that further displays the document, and send the generated another document to the client device. (Cierniak, [043-052]). Once again, the Cierniak fails to disclose providing 3rd party content in a first user interface that is separate from a main window of a web browser, indexing and ranking the 3rd party content based on input from the first user, and responding to search query by searching/selecting from the 3rd party content based on the indexing and ranking of the 3rd party content, and transmitting the results.

Accordingly, Applicant's amended independent claims 1, 8 and 15 include claimed features not disclosed or suggested in Murdock or Cierniak, and Applicant's amended independent claims are therefore patent able over Murdock in view of Cierniak.

Applicant's remaining claims dependent from independents claim 1, 8 and 15 and therefore include the distinguishing claimed feature of independent claim 1 and are therefore also patentable over Murdock in view of Cierniak.

Rejections under 35 U.S.C. §101

Claims 1-15 were rejected under 35 U.S.C. §101. The rejections are respectfully traversed.

The Office Action asserted that claims “all claims” are directed to “creating an index and using an index to search for and retrieval of data”. **“July 2015 Update: Subject Matter Eligibility” requires that “a claimed concept is not identified as an abstract idea unless it is similar to at least one concept that the courts have identified as an abstract idea” [Emphasis Added].** No court has ever held that “creating an index and using an index to search for and retrieval of data” is directed to an abstract idea.

Applicant respectfully points out to the examiner that is the burden of the patent office to show that a claim is directed to an abstract idea. It is not applicant's burden to show that a claim is not directed to an abstract idea. In the present case, the examiner has not met his burden by explaining how the claims are directed to an abstract idea that the courts have found to be an abstract idea.

Furthermore, it's the examiner's obligation to beyond step 1 when the examiner has found the claims directed to an abstract idea, and then do an element by element consideration and an ordered combination consideration, as to why the additional elements are not considered significantly more. The examiner has done none of this. See the excerpts below from the 2016 PTO Guidelines

I. Executive Summary

Following a finding of ineligibility under the two-part analysis described in the *Interim Eligibility Guidance*, when an examiner determines that a claim is directed to an **abstract idea** (Step 2A), the rejection should identify the abstract idea as it is recited (*i.e.*, set forth or described) in the claim and explain why it corresponds to a concept that the courts have identified as an abstract idea. Similarly, when an examiner determines that a claim is directed to a **law of nature** or a **natural phenomenon** (Step 2A), the rejection should identify the law of nature or natural phenomenon as it is recited (*i.e.*, set forth or described) in the claim and explain using a reasoned rationale why it is considered a law of nature or natural phenomenon. This is discussed in greater detail in section IIA, pages 2 and 3, of this memorandum.

Page 2:

- identify the judicial exception by referring to **what is recited** (*i.e.*, set forth or described) in the claim and **explain why** it is considered an exception;
- identify any additional elements (**specifically point to claim features/limitations/steps**) recited in the claim beyond the identified judicial exception; and
- explain the reason(s) that the additional elements taken **individually, and** also taken **as a combination**, do not result in the claim as a whole amounting to significantly more than the judicial exception.

For the record, the steps referenced by the examiner are in fact, only a small portion of the claimed subject matter. By reducing the claimed invention into such a high level, the Office Action failed to account for “specific requirements” of the claimed invention.

Furthermore, the “May 2016 Memo”¹ states:

“Examiners should be familiar with any cited decision relied upon in making or maintaining a rejection to ensure that the rejection is reasonably tied to the facts of the case and to avoid relying upon language taken out of context. Examiners should not go beyond those concepts that are similar to what the courts have identified as abstract ideas. (Page 3, the first paragraph, May 2016 Memo) [Emphasis Added].

However, the rejection made in the Office Action is not reasonably tied facts of the case. The Office Action overgeneralized the *Ultramercial* concept as “the claims simply instruct the practitioner to implement the abstract idea with routine, conventional activity”, and oversimplified the invention of the present application by failing to account for specific requirements, only to present an extreme simplification view.

By asserting that “all claims” are directed to “creating an index and using an index to search for and retrieval of data”, the Office Action failed to account for the specific requirements of the claims related to the unconventional communications performed between multiple separate client computers and server systems, in addition to the user interfaces.

¹ Memorandum, from Deputy Commissioner for Patent Examination Policy to Patent Examining Corps, entitled “Formulating a Subject Matter Eligibility Rejection and Evaluating the Applicant’s Response to a Subject Matter Eligibility Rejection”, dated May 4, 2016

The McRO-BASCOM memo states:

“Notable Points from *McRO*: Examiners should consider the claim as a whole under **Step 2A** of the USPTO's SME guidance, and should not overgeneralize the claim or simplify it into its "gist" or core principles, when identifying a concept as a judicial exception. ...” (Page 2, the McRO-BASCOM memo) [Emphasis Added]

Therefore, even in Step 2A (the “directed to” inquiry), the Examiner should consider the claim as a whole, without oversimplifying the claim.

If the unconventional communications performed between multiple separate client computers and server systems and user interfaces as claimed, are considered in Step 2B, the claimed invention is seen to have significantly more than the overgeneralized concept of “an abstract idea of transmitting submissions associated with web content”. The McRO-BASCOM memo further states:

“Notable Point from *BASCOM*: In **Step 2B** of the USPTO's SME guidance, examiners should consider the additional elements in combination, as well as individually, when determining whether a claim as a whole amounts to significantly more, as this may be found in the nonconventional and non-generic arrangement of known, conventional elements.” (Page 3, the McRO-BASCOM memo) [Emphasis Added]

The Office Action does not have any reasoning why the claimed ordered combination of the unconventional communications performed between multiple separate client computers and server systems and user interfaces as recited in the pending claims do not amount to significantly more. If the examiner were to assert that the ordered combination of communication techniques as recited in the pending claims are conventional, or routine, Applicant respectfully requests the rebuttal evidence, as required in the May 2016 Memo, which states:

“It is especially necessary for the examiner to fully reevaluate his or her position when such additional elements are not discussed in the specification as being known generic functions/components/activities or not treated by the courts as well-understood, routine, conventional activities. If the rejection is to be maintained, the examiner should consider whether rebuttal evidence should be

provided to further support the rejection and *clarify the record for appeal.*” (Page 6, the May 2016 Memo) [Emphasis Added]

The *Trading Technologies* decision² affirmed that the *Trading Technologies* claims for “[a] method and system for reducing the time it takes for a trader to place a trade when electronically trading on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities” are patent eligible under 35 U.S.C. §101, because the *Trading Technologies* claims are directed to a specific improvement to the way computers operate. Oversimplifying the *Trading Technologies* claims or failing to account for the specific improvement to the way computers operate would lead to an erroneous conclusion, as in the Office Action for the present application.

Thus, at least for the above discussed reasons, the withdrawal of the rejections made under 35 U.S.C. §101 is respectfully requested.

² Fed. Cir., Appeal No 2016-1616, Jan. 18, 2017

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.

Respectfully submitted,

Date: October 16, 2017

/John P. Ward/
John P. Ward
Reg. No. 40,216

GREENBERG TRAURIG, LLP
CUSTOMER NUMBER **64494**
Phone: (650) 328-8500
Fax: (650) 328-8508

Electronic Patent Application Fee Transmittal				
Application Number:		15142479		
Filing Date:		29-Apr-2016		
Title of Invention:		Search Engine		
First Named Inventor/Applicant Name:		John S. Shriber		
Filer:		John Patrick Ward/YIJIE SHEN		
Attorney Docket Number:		126867-200105/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	100	100
Miscellaneous:				
SUBMISSION- INFORMATION DISCLOSURE STMT	2806	1	90	90
STATUTORY OR TERMINAL DISCLAIMER	2814	1	160	160
Total in USD (\$)				350

Electronic Acknowledgement Receipt	
EFS ID:	30672541
Application Number:	15142479
International Application Number:	
Confirmation Number:	3306
Title of Invention:	Search Engine
First Named Inventor/Applicant Name:	John S. Shriber
Customer Number:	64494
Filer:	John Patrick Ward/YIJIE SHEN
Filer Authorized By:	John Patrick Ward
Attorney Docket Number:	126867-200105/US
Receipt Date:	16-OCT-2017
Filing Date:	29-APR-2016
Time Stamp:	21:32:25
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$ 350
RAM confirmation Number	101717INTEFSW00009804502638
Deposit Account	502638
Authorized User	YIJIE SHEN
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	Information Disclosure Statement (IDS) Form (SB08)	126867-200105_IDS.PDF	1008344	no	9
			6295b5eb756b23064c025e8f184999d3d93ddb1a		
Warnings:					
Information:					
2	Assignee showing of ownership per 37 CFR 3.73	126867-200105_OwnershipStatement.pdf	208568	no	5
			8ceefc27d81d45ac2f299398c23d9926f07d2aea		
Warnings:					
Information:					
3	Power of Attorney	126867-200105_POA.PDF	624027	no	2
			6c373f542bd2b47294ad96d437446032d74e9fc4		
Warnings:					
Information:					
4	Information Disclosure Statement (IDS) Form (SB08)	126867-200105_RelatedApplications.pdf	76903	no	2
			2ec2fa00f81ae77ab1f9a142fcd75335952064		
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
5	Terminal Disclaimer Filed	126867-200105_Terminaldisclaimer.PDF	160017	no	2
			e92e1d6443fd59ed0c006f8e3ed087adfebd88d9		
Warnings:					
Information:					
6		126867-200105_ROA.pdf	312951	yes	11
			e3ddf28e2ec0319194e6936bdec13100438db73b		

Multipart Description/PDF files in .zip description					
Document Description			Start	End	
Amendment/Req. Reconsideration-After Non-Final Reject			1	1	
Claims			2	4	
Applicant Arguments/Remarks Made in an Amendment			5	11	
Warnings:					
Information:					
7	Fee Worksheet (SB06)	fee-info.pdf	33892	no	2
			876397b1b972fdabf49ff6918358aa6a9cea36e05		
Warnings:					
Information:					
Total Files Size (in bytes):			2424702		
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Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (03-15)

Approved for use through 07/31/2016. 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		15142479
	Filing Date		2016-04-29
	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	126867-200105/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	6199081		2001-03-06	Meyerzon, et al.	
	2	6718365		2004-04-06	Dutta	
	3	7613769		2009-11-03	Hess	
	4	7669123		2010-02-23	Zuckerberg, et al.	
	5	7734610		2010-06-08	Rakowski, et al.	
	6	7971147		2011-06-28	Subbarao, et al.	
	7	7984056		2011-07-19	Kane	
	8	8037093		2011-10-11	Tiu, Jr., et al.	

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	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	126867-200105/US	

	9	8082288		2011-12-20	Yeh, et al.	
	10	8276079		2012-09-25	Davar, et al.	
	11	8290926		2012-10-16	Ozzie, et al.	
	12	8589418		2013-11-19	Kane	
	13	8601055		2013-12-03	Smith, et al.	
	14	8667385		2014-03-04	Mui, et al.	
	15	8874541		2014-10-28	Vandehey, et al.	
	16	9058391		2015-06-16	Shriber, et al.	
	17	9338215		2016-05-10	Shriber, et al.	

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	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	126867-200105/US	

1	20030233422	2003-12-18	Csaszar, Andras; et al.
2	20050289468	2005-12-29	Kahn, Jessica; et al.
3	20060167860	2006-07-27	Vitaly Eliashberg, et al.
4	20060173985	2006-08-03	Moore; James F.
5	20060184617	2006-08-17	Frank C. Nicholas, et al.
6	20060190616	2006-08-24	John Mayerhofer, et al.
7	20060230061	2006-10-12	Neal Sample, et al.
8	20070043617	2007-02-22	Jeremy S. Stein, et al.
9	20070083520	2007-04-12	Jason H. Shellen, et al.
10	20070083536	2007-04-12	Benjamin G. Darnell, et al.
11	20070118794	2007-05-24	Josef Hollander, et al.

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	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	126867-200105/US	

	12	20070174389		2007-07-26	Christopher Armstrong, et al.	
	13	20070198526		2007-08-23	Pitkow; James Edward	
	14	20070225047		2007-09-27	Bakos; Balazs	
	15	20080021880		2008-01-24	Jing Hui Ren, et al.	
	16	20080071929		2008-03-20	Yann Emmanuel Motte, et al.	
	17	20080126476		2008-05-29	Frank C. Nicholas, et al.	
	18	20080215589		2008-09-04	ELHAIK; Eran	
	19	20080256443		2008-10-16	Wencheng Li, et al.	
	20	20080294632		2008-11-27	Joon-Kee Chang, et al.	
	21	20090144272		2009-06-04	Anurag Adarsh, et al.	
	22	20100011282		2010-01-14	Joe Dollard, et al.	

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	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	126867-200105/US	

	23	20100023506		2010-01-28	Saurabh Sahni, et al.	
	24	20100088170		2010-04-08	Glore, JR.; E. Byron	
	25	20100125541		2010-05-20	Andreas Werner Wendel, et al.	
	26	20100199340		2010-08-05	Lawrence A. Jonas, et al.	
	27	20100262597		2010-10-14	Han; Soung-Joo	
	28	20100312771		2010-12-09	Matthew R. Richardson, et al.	
	29	20100313252		2010-12-09	Trouw; Erie	
	30	20110043652		2011-02-24	Martin T. King, et al.	
	31	20110179020		2011-07-21	Raymond Ozzie, et al.	
	32	20110184960		2011-07-28	Andrew Joseph Delpha, et al.	
	33	20110238508		2011-09-29	Koningstein; Ross	

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	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	126867-200105/US	

	34	20120102048		2012-04-26	Heer, David de	
	35	20120158753		2012-06-21	Ray C. He, et al.	
	36	20120159635		2012-06-21	Ray C. He, et al.	
	37	20120166453		2012-06-28	Broder, Andrei	
	38	20120239639		2012-09-20	John S. Shriber, et al.	
	39	20120240030		2012-09-20	John S. Shriber, et al.	
	40	20120240053		2012-09-20	John S. Shriber, et al.	
	41	20150256591		2015-09-10	John S. Shriber, et al.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		15142479
	Filing Date		2016-04-29
	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	126867-200105/US	

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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		15142479
	Filing Date		2016-04-29
	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	126867-200105/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	/John P. Ward/	Date (YYYY-MM-DD)	2017-10-16
Name/Print	John P. Ward	Registration Number	40216

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

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

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

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

STATEMENT UNDER 37 CFR 3.73(c)

Applicant/Patent Owner: SlangWho, Inc.

Application No./Patent No.: 15/142,479 Filed/Issue Date: 04/29/2016

Titled: SEARCH ENGINE

SlangWho, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

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: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
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[Page 1 of 2]

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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6. From: _____ To: _____

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☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

☒ 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

Lehua Wang

Printed or Typed Name

10/16/2017

Date

48023

Title or Registration 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.

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

PATENT ASSIGNMENT

WHEREAS, We, John S. Shriber and Roman Zaks, whose mailing addresses are set forth below, have invented and own a certain invention entitled:

SEARCH ENGINE

for which an application for a United States Patent was filed with the United States Patent and Trademark Office on March 14, 2012, and assigned U.S. Patent Application Serial No. 13/420,503.

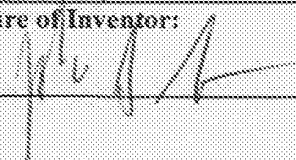
WHEREAS, SlangWho, Inc., hereinafter referred to as ASSIGNEE, a corporation organized and existing under the laws of the state of New York, and having its principal place of business at 285 W. Broadway, Suite 320, New York, New York 10013 is desirous of acquiring the entire interest in, to and under said inventions and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

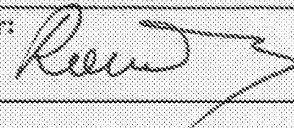
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, we hereby sell, assign and transfer to ASSIGNEE for receipt of which is hereby acknowledged, the full and exclusive right, title and interest to said inventions in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said inventions by said application or any continuation, continuation-in-part, divisional, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

WE HEREBY COVENANT that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale; and

WE FURTHER COVENANT that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said applications, said inventions and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to us and we will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said applications, said inventions and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

PATENT ASSIGNMENT (CONTINUED)

Full Name of Inventor	Last Name	First Name	Middle Name
	Shriber	John	S.
Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
	New York	NY	US
Mailing Address	200 Chambers Street, 19F, New York, NY 10007		
Signature of Inventor:			Date:
			4/17/2012

Full Name of Inventor	Last Name	First Name	Middle Name
	Zaks	Roman	
Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
	New York	NY	US
Mailing Address	117 West 58 th Street, Apt. 11D, New York, NY 10019		
Signature of Inventor:			Date:
			4.17.2012

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(c).

I hereby appoint:

☒

Practitioners associated with 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 assignments documents attached to this form in accordance with 37 CFR 3.73(c).

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

☒

The address associated with Customer Number:

64494

OR

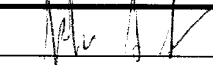
☐	Firm or Individual Name			
	Address			
	City	State	Zip	
	Country			
	Telephone	Email		

Assignee Name and Address: SlangWho, Inc.
285 W. Broadway, Suite 320
New York, NY 10013

A copy of this form, together with a statement under 37 CFR 3.73(c) (Form PTO/AIA/96 or equivalent) is required to be Filed in each application in which this form is used. The statement under 37 CFR 3.73(c) may be completed by one of The practitioners appointed in this form, 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	10/16/2017
Name	John S. Shriber	Telephone	917-475-1927
Title	Chief Executive 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

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:

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:	John Shriber, et al.	Examiner:	Mohammed Uddin
Serial No.:	15/142,479	Group Art Unit:	2167
Filed:	April 29, 2016	Confirmation:	3306
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.:	126867-200101/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.:	126867-200102/US
	Examiner:	Sang Kim	Art Unit:	2141
	Status:	Non Final Action Mailed	Status Date:	October 31, 2016
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.:	126867-200103/US
Examiner:	Maikhanh Nguyen	Art Unit:	2176
Status:	Notice of Allowance Mailed -- Application Received in Office of Publications	Status Date:	March 27, 2015

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.:	126867-200104/US
Examiner:	Maikhanh Nguyen	Art Unit:	2176
Status:	Non Final Action Mailed	Status Date:	December 29, 2016

Respectfully submitted,

Date: October 16, 2017

/John P. Ward/

John P. Ward

Reg. No. 40,216

GREENBERG TRAURIG, LLP

CUSTOMER NUMBER **64494**

Phone: (650) 328-8500

Fax: (650) 328-8508

**TERMINAL DISCLAIMER TO OBTAIN A DOUBLE PATENTING
REJECTION OVER A "PRIOR" PATENT**

Docket Number (Optional)

126867-200105

In re Application of: SlangWho, Inc.

Application No.: 15/142,479

Filed: 04/29/2016

For: SEARCH ENGINE

The applicant, SlangWho, Inc., owner of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of **prior patent** No. 9,338,215 as the term of said **prior patent** is presently shortened by any terminal disclaimer. The applicant hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the **prior patent** are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the applicant does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term of the **prior patent**, "as the term of said **prior patent** is presently shortened by any terminal disclaimer," in the event that said **prior patent** later:

expires for failure to pay a maintenance fee;
is held unenforceable;
is found invalid by a court of competent jurisdiction;
is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;
has all claims canceled by a reexamination certificate;
is reissued; or
is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

Check either box 1 or 2 below, if appropriate.

1. ☐ The undersigned is the applicant. If the applicant is an assignee, the undersigned is authorized to act on behalf of the assignee.

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

2. ☒ The undersigned is an attorney or agent of record. Reg. No. 48023

/Lehua Wang/
Signature

10/16/2017
Date

Lehua Wang
Typed or printed name

Title

650-328-8500
Telephone Number

- ☒ Terminal disclaimer fee under 37 CFR 1.20(d) included.

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

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				Application or Docket Number 15/142,479		Filing Date 04/29/2016		☐ To be Mailed	
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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 \$ =			
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 =		*		X \$ =			
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))									
* If the difference in column 1 is less than zero, enter "0" in column 2.						TOTAL			

APPLICATION AS AMENDED – PART II									
(Column 1)			(Column 2)			(Column 3)			
AMENDMENT	10/16/2017	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	* 14	Minus	** 20	= 0	X \$40 =		0	
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X \$210 =		0	
	☐ Application Size Fee (37 CFR 1.16(s))								
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
						TOTAL ADD'L FEE		0	
(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 \$ =			
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =			
	☐ Application Size Fee (37 CFR 1.16(s))								
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
						TOTAL ADD'L FEE			
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.									

LIE
DORRETTA BROOKS

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

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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
15/142,479	04/29/2016	John S. Shriber	126867-200105/US

CONFIRMATION NO. 3306

POA ACCEPTANCE LETTER



OC00000094822379

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: 10/19/2017

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 10/16/2017.

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.

/kxaysana/

Application Number 	Application/Control No.	Applicant(s)/Patent under Reexamination	
	15/142,479	SHRIBER ET AL.	
Document Code - DISQ		Internal Document – DO NOT MAIL	

TERMINAL DISCLAIMER	☒ APPROVED	☐ DISAPPROVED
Date Filed : 10/16/17	This patent is subject to a Terminal Disclaimer	

Approved/Disapproved by:
jean proctor

U.S. Patent and Trademark Office



UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/142,479	04/29/2016	John S. Shriber	126867-200105/US	3306

64494 7590 01/17/2018
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	

NOTIFICATION DATE	DELIVERY MODE
01/17/2018	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):

gtipmail@gtlaw.com
clairt@gtlaw.com
rupickd@gtlaw.com

Office Action Summary	Application No. 15/142,479	Applicant(s) SHRIBER ET AL.	
	Examiner MOHAMMED R. UDDIN	Art Unit 2167	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10/16/2017.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on ____.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on ____; the restriction requirement and election have been incorporated into this action.
- 4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

- 5) ☒ Claim(s) 1,2 and 4-15 is/are pending in the application.
5a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 6) ☐ Claim(s) ____ is/are allowed.
- 7) ☒ Claim(s) 1-2, and 4-15 is/are rejected.
- 8) ☐ Claim(s) ____ is/are objected to.
- 9) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

- 10) ☐ The specification is objected to by the Examiner.
- 11) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

- a) ☐ All b) ☐ Some** c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|--|
| 1) ☐ Notice of References Cited (PTO-892) | 3) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____ |
| 2) ☒ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b)
Paper No(s)/Mail Date <u>10/16/2017</u> | 4) ☐ Other: ____ |

1. The present application is being examined under the pre-AIA first to invent provisions.

DETAILED ACTION

2. This action is in response to the communication filed on October 16, 2017.

Response to Amendment

3. Applicant's amendment filed on 10/16/2017, with respect to claims 1-15 has been received, entered in to the record and considered.
4. As a result of the amendment, claims 1, 8 and 15 has been amended, and claim 3 has been cancelled.
5. Claims 1-2, and 4-15 remain pending in this office action.

Information Disclosure Statement

6. The information disclosure statement (IDS) submitted on 10/16/2017. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Double Patenting

7. As a result of the Terminal Disclaimer filed on 10/16/2017 and approved on 10/24/2017, examiner withdrawn the pending Double Patenting rejection from the claims

Claim Rejections - 35 USC § 101

8. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

9. Claims 1-2 and 3-15 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-patentable subject matter. The claims are directed to a judicial exception (i.e., a law of nature, a natural phenomenon, or an abstract idea) without significantly more.

In accordance with Step 1 of the “2014 Interim Eligibility Guidance Quick Reference Sheet,” (<http://www.gpo.gov/fdsys/pkg/FR-2014-12-16/pdf/2014-29414.pdf>), it is first noted that the claimed method recited in claims 1-20 are directed to a potentially eligible category of subject matter (i.e., processes, machine). Thus, Step 1 is satisfied with respect to claims 1-20.

With respect to Step 2, and in particular Step 2A of the §101 eligibility analysis, it is noted that Claims 1-15 are directed to non-patentable subject matter because the claims as a whole, considering all claim elements both individually and in combination, do not amount to significantly more than an abstract idea. Specifically, the claims are directed towards the concept of *creating an index and using that index to search for and retrieval of data*. Further, to clarify the interpretation of the claimed invention, the claims recite providing by a server computer, a first user interface ... receiving a submission associated with 3rd party content ,, indexing the 3rd party content [creating an index], receiving a search query selecting indexing...search result ... transmitting search result...[using that index to search and retrieve data] The dependent claims merely incorporate additional elements (e.g., ranking the content, rating the content, commenting the content, etc.) that narrow the abstract idea via well-understood, routine and conventional activities previously known to the art, though without yielding an

improvement to any technical field, the computer itself, or limitations beyond merely linking the idea to a particular technological environment. Accordingly, the subject matter encompassed by the dependent claims fails to amount to significantly more than the abstract idea. Since instances of *creating an index and using that index to search for and retrieval of data*, as indicated by *Int. Ventures v. Erie Indemnity Co.*, the Examiner reasonably interprets that the aforementioned limitations of the claimed invention do not qualify as significantly more than an abstract idea. Further, as noted in the Applicant's Specification, the computer system to implement the claimed invention includes a processor and memory as described in Para [0050]-[0052], 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., (Specification, [0050]-[0052]). Therefore, one would reasonably deduce that the aforementioned acts are functions that can be done on a generic computer. These acts do not provide improvement to the computer itself, technology nor a technical field, and further the claimed subject matter is not transformed into a different state or thing. Viewed as a whole, these additional claim elements do not provide meaningful limitations to transform the abstract idea into a

patent eligible application of the abstract idea such that the claims amount to significantly more than the abstract idea itself. The claims to a system are held ineligible for the same reason. Therefore, the claims are rejected under 35 U.S.C. 101 as being directed to nonstatutory subject matter. See *Alice Corporation Pty. Ltd. v. CLS Bank International*, No. 13-298.

Claim Rejections - 35 USC § 103

10. 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.

11. Claims 1- 2, 4-15 are rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over Murdock et al (US 2009/0271388 A1), in view of Cierniak et al (US 2011/0161413 A1), and further in view of Uy (US 2010/0257184 A1).

As per claim 1, Murdock discloses:

- ***a method comprising*** (Para [0042], line 1-3, "It is recognized that all or part of the various devices and networks shown in system 100, and the processes and methods as further described herein, may be implemented using or otherwise include hardware, firmware, software, or any combination thereof"),

- ***providing, by a server computer, a first user interface operating on the first client computer and displaying 3rd party content on the first client computer, wherein the first user interface is separate from a main window of a web browser, and wherein the first user interface automatically selects a portion of the 3rd party***

content and displays the portion of the 3^d party content within the first user interface (Fig. 1, Para [0028], line 1-20, “A display 500 includes a third-party web page 510 hosted by a third-party website (not shown), which may be shown in a browser. Such a web page may include user-selected text 520 that is highlighted. Such highlighting of text may initiate a web search of the text, as discussed above. Consequently, one or more categories of content may appear listed in a pop-up box 530 adjacent to the selected text 520 in display 500. A user may select one or more categories of content that match closest to a topic of interest”).

Murdock does not explicitly disclose *receiving, by the server computer, a submission associated with the 3rd party content from the first user via the first user interface*. However, in the same field of endeavor Cierniak in an analogous art disclose *receiving, by the server computer, a submission associated with the 3rd party content from the first user via the first user interface* (Fig. 4, Para [0021], line 1-6, “Another example of a comment may include a blog post (submission associated with 3rd party content). Yet another example of a comment may include a web page or a news article that remarks upon an item (e.g., a product, a service, a company, a web site, a person, a geographic location, or something else that can be remarked upon)”),

Murdock does not explicitly disclose *indexing, by the server computer, the 3rd party content based on the submission from the first user*. However, in the same field of endeavor Cierniak in an analogous art disclose *indexing, by the server computer, the 3rd party content based on the submission from the first user* (Para [0030], line 1-10, “Server 210 may implement a data aggregation service by crawling a

corpus of documents (e.g., web pages) hosted on data server(s) 220, indexing the documents to create a search index, and storing information associated with these documents in a repository of crawled documents”),

Murdock does not explicitly disclose *receiving, by the server computer, a search query from a second client computer operated by a second user*. However, in the same field of endeavor Cierniak in an analogous art disclose *receiving, by the server computer, a search query from a second client computer operated by a second user* (Para [0021], line 1-10, “users might like to see users' comments regarding these documents. A “comment,” as used herein, may include text, audio data, video data, and/or image data that provides an opinion of, or otherwise remarks upon, the contents of a document or a portion of a document”), and (Para [0028], line 1-12, “a client 205 may include a user interface (e.g., a browser application) that permits documents to be searched and/or accessed. Client 205 may also include software, such as a plug-in, an applet, a dynamic link library (DLL), or another executable object or process, that may operate in conjunction with (or be integrated into) the user interface to obtain and display comments”),

Therefore, it would have been obvious to a person of the ordinary skill in the art at the time of the invention was made to incorporate the teaching of Cierniak in to the method of Murdock et al. The modification would be obvious because one having ordinary skill in the art would be motivated to provide a method for searching comment database for finding information of interest.

Combined method of Murdock and Cierniak does not explicitly disclose *ranking, by the server computer, the 3rd party content based on a rating of the 3rd party content submitted from the first user*. However, in the same field of endeavor Uy in an analogous art disclose *ranking, by the server computer, the 3rd party content based on a rating of the 3rd party content submitted from the first user* (Fig. 5-10, Para [0082], line 1-6, “The method 1000 comprises the steps of: selecting a first document object 1010; obtaining all of the associated document rating objects for the selected document object 1020; calculating a score for the document object 1030”),

Combined method of Murdock and Cierniak does not explicitly disclose *in response to receiving the search query, selecting, by the server computer and based on the indexing and the ranking of the 3rd party content, a set of search results that include an identification of the 3rd party content; and transmitting, by the server computer, the set of search results to the second client computer*.

However, in the same field of endeavor Uy in an analogous art disclose *in response to receiving the search query, selecting, by the server computer and based on the indexing and the ranking of the 3rd party content, a set of search results that include an identification of the 3rd party content; and transmitting, by the server computer, the set of search results to the second client computer* (Para [0091], line 1-15, “The present method of determining a score for rating an electronic document, such as a webpage or other piece of content, based on weighted member ratings from members in a member set can be used in conjunction with a search engine's search index. The rating method can be used to rank electronic documents located in the

search index or as a factor in a larger ranking algorithm used by a search engine to rank the results of a search of its index or database”).

Therefore, it would have been obvious to a person of the ordinary skill in the art at the time of the invention was made to incorporate the teaching of Uy in to the combined method of Murdock et al and Cierniak. The modification would be obvious because one having ordinary skill in the art would be motivated to provide a method for assigning a score to an electronic document to reflect how good or bad the web page content is.

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

- wherein the 3rd party content comprises of web content (Para [0035], line 1-10, “user is browsing third-party web page 310 using browser 250, as in block 410, though a user is not limited to such a browser. In block 420, the user selects text or an object that is a basis for a search. Such a selection may include one or more words, phrases, characters, figures, diagrams, photos, charts, tables, just to name a few examples”).

As per claim 4, rejection of claim 1 is incorporated, and further Uy discloses:

- wherein ranking the 3rd party content is further based on ratings of the content from other users (Para [0011], line 1-10, “receiving a rating value of an electronic document from each of at least two of the members of the plurality of members; and determining a score for the electronic document, the score based on each rating value assigned to the electronic document by a member with each rating

value being weighted by the weight factor assigned to the member who provided the rating”).

As per claim 5, rejection of claim 4 is incorporated, and further Uy discloses:

- wherein the rating associated with the content is selected from a group of rating types consisting of like, dislike, and neutral (Para [0045], line 1-10, “The document rating field 440 typically comprises a rating from 1 to 10 with 10 being the highest and 1 being the lowest, however, any sufficient rating system could be used, such as numeric, alphanumeric (i.e. excellent, good, average, poor, horrible), symbolic (i.e. four stars, two thumbs up) or any other suitable rating system”).

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

- wherein indexing the content comprises indexing the content based on keywords associated with the content in the submission from the first user (Para [0051], line 5-10, “Each of the one or more indexes may include multiple index entries, with each entry containing a term stored in association with an item, from a document, in which the term appears, and a location within the document where the term appears”).

As per claim 7, rejection of claim 6 is incorporated, and further Cierniak discloses:

- wherein the submission from the first user further comprises a user comment on the content (Para [0024], line 1-5, “The user may decide to provide a comment 110-N regarding the web page. In this case, the user may activate a

commenting function to provide the comment 110-N. The user may then provide an opinion or remark for the comment 110-N”).

As per claims 8-13,

Claims 8-13 are a computing device claims corresponding to method claims 1-2 and 4-7 respectively, and rejected under the same reason set forth to the rejection of claim 1-12 and 4-7 above.

As per claim 15,

Claim is the computer readable medium claim corresponding to method claim 1 respectively, and rejected under the same reason set forth to the rejection of claim 1 above.

Response to Arguments

12. Applicant's arguments filed on 10/16/2017 with respect to claim 1-2 and 4-15 have been considered but are moot because of the new ground of rejection necessitated by the amendment to the claims.

In response to applicant's argument in page 6, applicant's argued that, Murdock and Cierniak does not teach, *providing 3rd party content in a first user interface that is separate from a main window of a web browser, indexing and ranking the 3rd party content based on input from the first user, and responding to search query by searching/selecting from the 3rd party content based on the indexing and ranking of the 3rd party content, and transmitting the results*. Examiner disagree and respectfully response that, Murdock teaches *providing, by a server computer, a first user interface operating on the first client computer and displaying 3rd party content on the first client*

computer, wherein the first user interface is separate from a main window of a web browser, and wherein the first user interface automatically selects a portion of the 3rd party content and displays the portion of the 3rd party content within the first user interface (Fig. 1, Para [0028], line 1-20, "A display 500 includes a third-party web page 510 hosted by a third-party website (not shown), which may be shown in a browser.

Such a web page may include user-selected text 520 that is highlighted. Such highlighting of text may initiate a web search of the text, as discussed above.

Consequently, one or more categories of content may appear listed in a pop-up box 530 adjacent to the selected text 520 in display 500. A user may select one or more categories of content that match closest to a topic of interest"). And Uy teaches *ranking, by the server computer, the 3rd party content based on a rating of the 3rd party content submitted from the first user* in Fig. 5-10, Para [0082], line 1-6, "The method 1000 comprises the steps of: selecting a first document object 1010; obtaining all of the associated document rating objects for the selected document object 1020; calculating a score for the document object 1030"), Uy also teaches *indexing and the ranking of the 3rd party content, a set of search results that include an identification of the 3rd party content; and transmitting, by the server computer, the set of search results to the second client computer* in Para [0091], line 1-15, "The present method of determining a score for rating an electronic document, such as a webpage or other piece of content, based on weighted member ratings from members in a member set can be used in conjunction with a search engine's search index. The rating method can be used to rank electronic documents located in the search index or as a factor in a larger ranking

algorithm used by a search engine to rank the results of a search of its index or database”.

Therefore, combined method of Murdock, Ciarniak and Uy teaches all limitation of claim 1, 8 and 15 as claimed.

In response to applicant's argument in page 7-9, regarding 101 applicant argued that, No court has ever held that “creating an index and using an index to search for and retrieval of data” is directed to an abstract idea. Examiner disagrees and respectfully responds that, Claims 1-2 and 4-15 are directed to non-patentable subject matter because the claims as a whole, considering all claim elements both individually and in combination, do not amount to significantly more than an abstract idea. Specifically, the claims are directed towards the concept of *creating an index and using that index to search for and retrieval of data*. Further, to clarify the interpretation of the claimed invention, the claims recite providing by a server computer, a first user interface ... receiving a submission associated with 3rd party content ... indexing the 3rd party content [*creating an index*], ranking based on user rating ... receiving a search query selecting indexing...search result ... transmitting search result...[using that index to search and retrieve data] The dependent claims merely incorporate additional elements (e.g., ranking the content, rating the content, commenting the content, etc.) that narrow the abstract idea via well-understood, routine and conventional activities previously known to the art, though without yielding an improvement to any technical field, the computer itself, or limitations beyond merely linking the idea to a particular technological environment. Accordingly, the subject matter encompassed by the dependent claims

fails to amount to significantly more than the abstract idea. Since instances of *creating an index and using that index to search for and retrieval of data*, as indicated by *Int. Ventures v. Erie Indemnity Co.*, the Examiner reasonably interprets that the aforementioned limitations of the claimed invention do not qualify as significantly more than an abstract idea. The court has held *Intellectual Ventures I LLC and Intellectual Ventures II LLC* (collectively, “IV”) *appeal from a final decision of the United States District Court for the Western District of Pennsylvania finding all claims of U.S. Patent No. **6,510,434 (“434 patent”)**, U.S. Patent No. 6,519,581 (“581 patent”), and U.S. Patent No. 6,546,002 (“002 patent”) ineligible under 35 U.S.C. § 101, and dismissing IV’s infringement claims of the ’581 patent for lack of standing.*

Accordingly, claimed invention is nothing but an abstract idea at least because *Int Ventures V. Erie Indemnity and “434 Patent)*.

Second analysis: With respect to Step 2, and in particular Step 2A of the §101 eligibility analysis, it is noted that claims 1, 8 and 15 are directed to non-patentable subject matter because the claims as a whole, considering all claim elements both individually and in combination, do not amount to significantly more than an abstract idea. Specifically, the claims are directed towards the concept of *Collecting information, analyzing it, and displaying certain result after collection and analysis*. Further, to clarify the interpretation of the claimed invention, the claims recite providing by a server computer, a first user interface ...displays the portion of third party content [*collecting information*], receiving a submission associated with 3rd party content indexing the 3rd party content, ranking the third party content based on rating [*analyzing it*] receiving

a search query selecting indexing...search result ... transmitting search result...[*displaying certain results of the collection and analysis*]. The dependent claims merely incorporate additional elements (e.g., ranking the content, rating the content, commenting the content, etc.) that narrow the abstract idea via well-understood, routine and conventional activities previously known to the art, though without yielding an improvement to any technical field, the computer itself, or limitations beyond merely linking the idea to a particular technological environment. Accordingly, the subject matter encompassed by the dependent claims fails to amount to significantly more than the abstract idea. Since instances of *Collecting information, analyzing it, and displaying certain result after collection and analysis*, as indicated by *Electric Power Group.*, the Examiner reasonably interprets that the aforementioned limitations of the claimed invention do not qualify as significantly more than an abstract idea. Further, as noted in the Applicant's Specification, the computer system to implement the claimed invention includes a processor and memory as described in Para [0050]-[0052], 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.,(Specification, [0050]-[0052]). Therefore, one

would reasonably deduce that the aforementioned acts are functions that can be done on a generic computer. These acts do not provide improvement to the computer itself, technology nor a technical field, and further the claimed subject matter is not transformed into a different state or thing. Viewed as a whole, these additional claim elements do not provide meaningful limitations to transform the abstract idea into a patent eligible application of the abstract idea such that the claims amount to significantly more than the abstract idea itself. The claims to a system are held ineligible for the same reason. Therefore, the claims are rejected under 35 U.S.C. 101 as being directed to nonstatutory subject matter. See *Alice Corporation Pty. Ltd. v. CLS Bank International*, No. 13-298.

Therefore, based on court case of *Int. Ventures v. Erie Indemnity Co* (first analysis), and based on court case *Electric Power Group* (second analysis), it is determined that, claimed invention (claim 1, 8 and 15) as a whole is nothing but an abstract idea. Therefore, examiner maintain the 35 U.S.C. 101 rejection.

Conclusion

13. THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Contact Information

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 Mon - Fri 7:30 AM - 5:00 PM EST.

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, Robert Beausoliel 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 <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic

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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

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (03-15)

Approved for use through 07/31/2016. 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	15142479
	Filing Date	2016-04-29
	First Named Inventor	JOHN SHRIBER
	Art Unit	2167
	Examiner Name	UDDIN, MOHAMMED R
	Attorney Docket Number	126867-200105/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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	2	6718365		2004-04-06	Dutta	
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	7	7984056		2011-07-19	Kane	
	8	8037093		2011-10-11	Tiu, Jr., et al.	

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	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	126867-200105/US	

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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear

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	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	126867-200105/US	

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8	20070043617	2007-02-22	Jeremy S. Stein, et al.
9	20070083520	2007-04-12	Jason H. Shellen, et al.
10	20070083536	2007-04-12	Benjamin G. Darnell, et al.
11	20070118794	2007-05-24	Josef Hollander, et al.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		15142479
	Filing Date		2016-04-29
	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	126867-200105/US	

	12	20070174389		2007-07-26	Christopher Armstrong, et al.	
	13	20070198526		2007-08-23	Pitkow; James Edward	
	14	20070225047		2007-09-27	Bakos; Balazs	
	15	20080021880		2008-01-24	Jing Hui Ren, et al.	
	16	20080071929		2008-03-20	Yann Emmanuel Motte, et al.	
	17	20080126476		2008-05-29	Frank C. Nicholas, et al.	
	18	20080215589		2008-09-04	ELHAIK; Eran	
	19	20080256443		2008-10-16	Wencheng Li, et al.	
	20	20080294632		2008-11-27	Joon-Kee Chang, et al.	
	21	20090144272		2009-06-04	Anurag Adarsh, et al.	
	22	20100011282		2010-01-14	Joe Dollard, et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		15142479
	Filing Date		2016-04-29
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	Attorney Docket Number	126867-200105/US	

	23	20100023506		2010-01-28	Saurabh Sahni, et al.	
	24	20100088170		2010-04-08	Glore, JR.; E. Byron	
	25	20100125541		2010-05-20	Andreas Werner Wendel, et al.	
	26	20100199340		2010-08-05	Lawrence A. Jonas, et al.	
	27	20100262597		2010-10-14	Han; Soung-Joo	
	28	20100312771		2010-12-09	Matthew R. Richardson, et al.	
	29	20100313252		2010-12-09	Trouw; Erie	
	30	20110043652		2011-02-24	Martin T. King, et al.	
	31	20110179020		2011-07-21	Raymond Ozzie, et al.	
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	33	20110238508		2011-09-29	Koningstein; Ross	

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	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	126867-200105/US	

	34	20120102048		2012-04-26	Heer, David de	
	35	20120158753		2012-06-21	Ray C. He, et al.	
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	38	20120239639		2012-09-20	John S. Shriber, et al.	
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	41	20150256591		2015-09-10	John S. Shriber, et al.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		15142479
	Filing Date		2016-04-29
	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	126867-200105/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	/John P. Ward/	Date (YYYY-MM-DD)	2017-10-16
Name/Print	John P. Ward	Registration Number	40216

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Search Notes 	Application/Control No. 15142479	Applicant(s)/Patent Under Reexamination SHRIBER ET AL.
	Examiner MOHAMMED R UDDIN	Art Unit 2167

CPC- SEARCHED		
Symbol	Date	Examiner
(G06F17/30312 G06F17/30554 G06F17/3053)	06/09/2017	M. Uddin
(G06F17/30864 G06F3/04842 G06F17/2247)	06/09/2017	M. Uddin
(G06F17/30867 G06F17/279 H04L67/10 H04L67/02 G06Q10/10)	06/09/2017	M. Uddin

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
707		06/09/2017	M. Uddin
707	711, 748, 793, 805	06/09/2017	M. Uddin
707		01/10/2018	M. Uddin
707	711, 748, 793, 805	01/10/2018	M. Uddin

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SEARCH NOTES		
Search Notes	Date	Examiner
EAST Searched: See attached EAST Search History	06/09/2017	M. Uddin
Inventor Searched: See attached EAST Search History	06/09/2017	M. Uddin
Search Updated	01/10/2018	M. Uddin

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

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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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
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
S119	92	("20050289468" "20060167860" "20060173985" "20060184617" "20060190616" "20060230061" "20070043617" "20070083520" "20070083536" "20070118794" "20070174389" "20070198526" "20070225047" "20080021880" "20080071929" "20080126476" "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.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/10: 16:17
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
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
S117	336	S116 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR;	OR	ON	2018/01/10: 11:54

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S115	916024	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	1610	((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
S111	2592	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
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
S113	217	S112 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/10 11:20
S110	34619	(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
S106	131	S105 and index\$3 with (news or post\$3	US-PGPUB;	OR	ON	2018/01/10

		or article or publication)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			10:25
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
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
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
S103	445118	(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
S100	155	S99 and plug\$in	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
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
S99	1289	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; DERWENT;	OR	ON	2018/01/09: 18:24

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S98	2776	(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
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S97	17733	(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
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; DERWENT; IBM_TDB	OR	ON	2018/01/09 16:27
S90	368778	(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
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;	OR	ON	2018/01/09 16:26

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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
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
S85	1264	S84 and (rate or rating\$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	3620	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
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
S84	14117	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
S80	60	S79 and (rate or rating or vot\$4 or like or dislike or comment\$3) with (content	US-PGPUB; USPAT;	OR	ON	2018/01/09 13:40

		or page)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
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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; DERWENT; IBM_TDB	OR	ON	2018/01/09 13:29
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
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
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

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; DERWENT; IBM_TDB	OR	ON	2018/01/09 10:38
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	3032	(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
S64	214016	(G06F17/30867 G06F17/279 H04L67/10 H04L67/02 G06Q10/10).cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 13:02
S65	1163	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;	OR	ON	2017/06/09 13:02

			DERWENT; IBM_TDB			
S61	95988	(G06F17/30864 G06F3/04842 G06F17/2247).cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 13:00
S62	1263	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
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
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
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
S57	31219	(G06F17/30312 G06F17/30554 G06F17/3053).cpc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/06/09 12:57
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
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

1/ 10/ 2018 5:25:22 PM

C:\Users\muddin\Documents\EAST\Workspaces\15142479.wsp

<i>Index of Claims</i> 	Application/Control No. 15142479	Applicant(s)/Patent Under Reexamination SHRIBER ET AL.
	Examiner MOHAMMED R UDDIN	Art Unit 2167

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant				☐ CPA		☐ T.D.		☐ R.1.47	
CLAIM		DATE							
Final	Original	06/09/2017	01/10/2018						
	1	✓	✓						
	2	✓	✓						
	3	✓	-						
	4	✓	✓						
	5	✓	✓						
	6	✓	✓						
	7	✓	✓						
	8	✓	✓						
	9	✓	✓						
	10	✓	✓						
	11	✓	✓						
	12	✓	✓						
	13	✓	✓						
	14	✓	✓						
	15	✓	✓						

Doc code: RCEX

PTO/SB/30EFS (07-14)

Doc description: Request for Continued Examination (RCE)

Approved for use through 07/31/2016. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)**

Application Number	15/142,479	Filing Date	2016-04-29	Docket Number (if applicable)	126867-200105/US	Art Unit	2167
First Named Inventor	John Shriber			Examiner Name	Mohammed Uddin		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.

Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, to any international application that does not comply with the requirements of 35 U.S.C. 371, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV.

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

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

☐ Other _____

☒ Enclosed

☒ Amendment/Reply

☒ Information Disclosure Statement (IDS)

☐ Affidavit(s)/ Declaration(s)

☐ Other _____

MISCELLANEOUS

☒ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months 3
(Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

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

☒ The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 502638

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☒ Patent Practitioner Signature

☐ Applicant Signature

Doc code: RCEX

Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (07-14)

Approved for use through 07/31/2016. OMB 0651-0031

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

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Signature of Registered U.S. Patent Practitioner			
Signature	John P. Ward/	Date (YYYY-MM-DD)	2018-04-17
Name	John P. Ward	Registration Number	40216

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

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

Privacy Act Statement

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

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

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:	John Shriber, et al.	Examiner:	Mohammed Uddin
Serial No.:	15/142,479	Group Art Unit:	2167
Filed:	April 29, 2016	Confirmation:	3306
Title:	Search Engine		

RESPONSE TO FINAL OFFICE ACTION

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

Sir/Madam:

In response to the Final Office Action mailed January 17, 2018, please kindly enter the following amendments and consider the following remarks/arguments, in support of a Request for Continued Examination (RCE):

Amendments to the Claims are reflected in the list of claims that begins on page 2 of this paper;

Remarks/Arguments begin on page 6 of this paper.

CLAIMS

1. (Currently Amended) A method comprising:
 - providing, by a server computer, a first user interface operating on the first client computer and displaying 3rd party content on the first client computer, wherein the first user interface is separate from a main window of a web browser, and wherein the first user interface automatically selects a portion of the 3rd party content and displays the portion of the 3rd party content within the first user interface based on settings received from the user via the user interface to display selected portions of the 3rd party content;
 - receiving, by the server computer, a submission associated with the 3rd party content from the first user via the first user interface;
 - indexing, by the server computer, the 3rd party content based on the submission from the first user;
 - ranking, by the server computer, the 3rd party content based on a rating of the 3rd party content submitted from the first user;
 - receiving, by the server computer, a search query from a second client computer operated by a second user;
 - in response to receiving the search query, selecting, by the server computer and based on the indexing and the ranking of the 3rd party content, a set of search results that include an identification of the 3rd party content; and
 - transmitting, by the server computer, the set of search results to the second client computer.
2. (Original) The method of claim 1, wherein the 3rd party content comprises of web content.
3. (Canceled)
4. (Previously Presented) The method of claim 1, wherein ranking the 3rd party content is further based on ratings of the content from other users.
5. (Original) The method of claim 4, wherein the rating associated with the content is

selected from a group of rating types consisting of like, dislike, and neutral.

6. (Original) The method of claim 5, wherein indexing the content comprises indexing the content based on keywords associated with the content in the submission from the first user.

7. (Original) The method of claim 6, wherein the submission from the first user further comprises a user comment on the content.

8. (Currently Amended) A computing device comprising:

a processor; and

memory coupled to the processor and storing instructions that, when executed by the processor, cause the computing device to:

provide a first user interface to a first client computer and display 3rd party content on the first client computer, wherein the first user interface is separate from a main window of a web browser, and wherein the first user interface automatically selects a portion of the 3rd party content and displays the portion of the 3rd party content within the first user interface based on settings received from the user via the user interface to display selected portions of the 3rd party content;

receive a submission associated with the 3rd party content from the first user via the first user interface;

index the 3rd party content based on the submission from the first user;

rank the 3rd party content based on a rating of the 3rd party content submitted from the first user;

receive a search query from a second client computer operated by a second user;

in response to receiving the search query, select based on the indexing and ranking of the 3rd party content, a set of search results that include an identification of the 3rd party content; and

transmit the set of search results to the second client computer.

9. (Original) The computing device of claim 8, wherein the 3rd party content comprises of web content.

10. (Original) The computing device of claim 9, further comprising:

ranking the 3rd party content based on a rating of the 3rd party content submitted from the first user;

and selecting of the set of search results is further based on the ranking of the 3rd party content.

11. (Original) The computing device of claim 10, wherein ranking the 3rd party content is further based on ratings of the content from other users.

12. (Original) The computing device of claim 11, wherein the rating associated with the content is selected from a group of rating types consisting of like, dislike, and neutral.

13. (Original) The computing device of claim 12, wherein indexing the content comprises indexing the content based on keywords associated with the content in the submission from the first user.

14. (Original) The computing device of claim 13, wherein the submission from the first user further comprises a user comment on the content.

15. (Currently Amended) A non-transitory computer readable storage medium storing instructions that, when executed by a server computer, cause the server computer to:

provide a first user interface to a first client computer and display 3rd party content on the first client computer, wherein the first user interface is separate from a main window of a web browser, and wherein the first user interface automatically selects a portion of the 3rd party content and displays the portion of the 3rd party content within the first user interface based on settings received from the user via the user interface to display selected portions of the 3rd party content;

receive a submission associated with the 3rd party content from the first user via the first user interface;

index the 3rd party content based on the submission from the first user;

rank the 3rd party content based on a rating of the 3rd party content submitted from the first user;

receive a search query from a second client computer operated by a second user;

in response to receiving the search query, select based on the indexing and ranking of the

3rd party content, a set of search results that include an identification of the 3rd party content; and transmit the set of search results to the second client computer.

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.

Suspension of Action

Suspension of action on the present application is requested under 37 C.F.R. §1.103(c) for a period of 3 months, as indicated in the RCE form filed herewith. The fee required under 37 C.F.R. §1.17(i) is filed herewith for the suspension of action.

If the Examiner inadvertently issues an Office Action prior to the expiration of the suspension period, please consider this a request to withdraw such Office Action in accordance with the policy of the Office. Should the Examiner wish to discuss this, the Examiner is respectfully requested to telephone the undersigned patent practitioner at the number listed at the end of this communication.

Interview Request

Prior to the continued examination of the present application, the examiner is hereby respectfully requested to contact the representative of the Applicant for an interview to discuss the recent court decisions from the Fed. Cir. and/or updated guidance provided by USPTO to the examiners in view for the court decisions regarding Subject Matter Eligibility.

Rejections under 35 U.S.C. §103(a)

Claims 1-2 and 4-15 were rejected under 35 U.S.C. §103(a) over Murdock (2009/0271388), in view of Cierniak (2011/0161413) and Uy (2010/0257184). The rejections are respectfully traversed.

Applicant's amended independent claims 1, 8 and 15 include claimed features not disclosed or suggested in Murdock, Cierniak or Uy. In particular, Applicant's amended independent claim 1 includes the claimed features of:

providing, by a server computer, a first user interface operating on the first client computer and displaying 3rd party content on the first client computer,

wherein the first user interface is separate from a main window of a web browser, and wherein the first user interface automatically selects a portion of the 3rd party content and displays the portion of the 3rd party content within the first user interface based on settings received from the user via the user interface to display selected portions of the 3rd party content;

receiving, by the server computer, a submission associated with the 3rd party content from the first user via the first user interface;

indexing, by the server computer, the 3rd party content based on the submission from the first user;

ranking, by the server computer, the 3rd party content based on a rating of the 3rd party content submitted from the first user;

receiving, by the server computer, a search query from a second client computer operated by a second user;

in response to receiving the search query, selecting, by the server computer and based on the indexing and the ranking of the 3rd party content, a set of search results that include an identification of the 3rd party content; and

transmitting, by the server computer, the set of search results to the second client computer.

The claimed feature of providing 3rd party content in a first user interface that is separate from a main window of a web browser, wherein the first user interface automatically selects and displays the portion of the 3rd party content within the first user interface based on settings received from the user via the user interface to display selected portions of the 3rd party content, is not disclosed or suggested in either Murdock, Cierniak, or Uy.

Murdock is limited to disclosing a system that relates to creating a search query based on content and subject of a web page, for example. In one particular example, such a search query may be established by a selection of one or more keywords in a web page. Consequently, the search query may be affected by a determination of content and/or a subject of the web page. (Murdock, [002-005]). Nothing in Murdock is related to providing 3rd party content in a first user interface that is separate from a main window of a web browser, wherein the first user interface automatically selects and displays the portion of the 3rd party content within the first user interface based on settings received from the user via the user interface to display selected portions of the 3rd party content.

Cierniak fails to remedy the deficiency of Murdock. Cierniak is limited to disclosing a system that receives a request associated with a link, where the link is further associated with a comment and where the comment provides an opinion of, or remarks upon, a content of a document. The device retrieves a content of the comment associated with the link from a

database and retrieves the document. The device generates another document that displays the content of the comment and includes a frame that further displays the document, and send the generated another document to the client device. (Cierniak, [043-052]). Once again, the Cierniak fails to disclose providing 3rd party content in a first user interface that is separate from a main window of a web browser, wherein the first user interface automatically selects and displays the portion of the 3rd party content within the first user interface based on settings received from the user via the user interface to display selected portions of the 3rd party content.

Uy also fails to remedy the deficiency of Murdock and Cierniak. Uy is limited to disclosing determine a score for an electronic document to aid in the ranking and retrieval of the document. The score for the document is based on weighted subjected user ratings of the document by members of a member set. Once again, the Uy fails to disclose providing 3rd party content in a first user interface that is separate from a main window of a web browser, wherein the first user interface automatically selects and displays the portion of the 3rd party content based on settings received from the user via the user interface to display selected portions of the 3rd party content

Accordingly, Applicant's amended independent claims 1, 8 and 15 include claimed features not disclosed or suggested in Murdock, Cierniak, or Uy and Applicant's amended independent claims are therefore patent able over Murdock in view of Cierniak and Uy.

Applicant's remaining claims dependent from independents claim 1, 8 and 15 and therefore include the distinguishing claimed feature of independent claim 1 and are therefore also patentable over Murdock in view of Cierniak and Uy.

Rejections under 35 U.S.C. §101

Claims 1-2 and 3-15 were rejected under 35 U.S.C. §101 for being directed a judicial exception without significantly more. The rejections are respectfully traversed.

With all due respect, Applicant submits that Examiner has not provided the required detailed explanation of why the search engine, claimed as providing 3rd party content in a first user interface that is separate from a main window of a web browser, wherein the 3rd party content is selected based on settings received from the user via the user interface to display selected portions of the 3rd party content, is a routine, well-understood and conventional

application of computing technologies. As such, the examiner has failed to satisfy the Fed. Cir. established obligation of showing factual support for the claimed element being conventional

In the case is Berkheimer v. HP Inc., case number 17-1437, in the U.S. Court of Appeals for the Federal Circuit the appeals court **held** that it was wrong for a judge to rule that a file-archiving patent asserted against was ineligible for patenting under the standard established in the U.S. Supreme Court's Alice decision because there were underlying factual disputes that could not be resolved on summary judgment. The Fed Cir. found there was a genuine factual dispute about whether the claimed invention archived documents in a way that was not previously known and that improved computer functionality, which would save it from being found invalid under Alice. Summary judgment of invalidity

The court said there is a difference between being known and being conventional, noting that the "mere fact that something is disclosed in a piece of prior art ... does not mean it was well-understood, routine and conventional."

Beyond the courtroom, the Berkheimer decision clearly makes it harder for examiners to reject patent applications under Alice. No longer may examiners reject claims on the ground that the claimed invention is an abstract idea that doesn't go beyond the routine and conventional, without much more explanation from the examiner.

In the present application, Applicant respectfully submits that the examiner has not provided the required detailed explanation of why the search engine, claimed as providing 3rd party content in a first user interface that is separate from a main window of a web browser, wherein the 3rd party content is selected based on settings received from the user via the user interface to display selected portions of the 3rd party content, is a routine, well-understood and conventional application of computing technologies.

To the contrary, there in fact exist evidence in applicant's claims that the invention improved on standard industry practices and is therefore not routine and does not claim an abstract idea. Specifically, the amended claims include the required claimed feature of providing a first user interface operating on the first client computer and displaying 3rd party content on the first client computer, wherein the first user interface is separate from a main window of a web browser, and displays the portion of the 3rd party content within the first user interface based on settings received from the user via the user interface to display selected portions of the 3rd party content. The claimed elements are not shown in the prior art and is therefore clearly not routine

and is not the claiming of an abstract idea.

Thus, the withdrawal of the rejections made under 35 U.S.C. §101 is respectfully requested.

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.

Respectfully submitted,

Date: April 17, 2018

/John P. Ward/

John P. Ward

Reg. No. 40,216

GREENBERG TRAURIG, LLP

CUSTOMER NUMBER **64494**

Phone: (650) 328-8500

Fax: (650) 328-8508

JIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:	John Shriber, et al.	Examiner:	Mohammed Uddin
Serial No.:	15/142,479	Group Art Unit:	2167
Filed:	April 29, 2016	Confirmation:	3306
Title:	Search Engine		

SUSPENSION UNDER 37 C.F.R. § 1.103(C)

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

Sir/Madam:

Applicant directs the attention to the request for suspension of action under 37 C.F.R. §1.103(c) for a period of 3 months, which request is made herewith in the Request for Continued Examination (RCE) form PTO/SB/30EFS, with the processing fee under 37 C.F.R. §1.17(i).

Applicant respectfully requests that, in accordance with the policy of the Office, the Examiner refrain from issuing any Office Actions in this application at least until the end of the suspension period. If the Examiner inadvertently issues an Office Action prior to the end of the suspension period, please consider this a request to withdraw such Office Action in accordance with the policy of the Office. Should the Examiner wish to discuss this, the Examiner is respectfully requested to telephone the undersigned patent practitioner at the number listed at the end of this communication.

Respectfully submitted,

Date: April 17, 2018

/John P. Ward/
John P. Ward
Reg. No. 40,216

GREENBERG TRAURIG, LLP
CUSTOMER NUMBER **64494**
Phone: (650) 328-8500
Fax: (650) 328-8508

Electronic Patent Application Fee Transmittal				
Application Number:		15142479		
Filing Date:		29-Apr-2016		
Title of Invention:		Search Engine		
First Named Inventor/Applicant Name:		John S. Shriber		
Filer:		John Patrick Ward/YIJIE SHEN		
Attorney Docket Number:		126867-200105/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:				
PROCESSING FEE, EXCEPT PROV. APPLS.	2830	1	70	70
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
RCE- 1ST REQUEST	2801	1	650	650
Total in USD (\$)				720

Electronic Acknowledgement Receipt	
EFS ID:	32366661
Application Number:	15142479
International Application Number:	
Confirmation Number:	3306
Title of Invention:	Search Engine
First Named Inventor/Applicant Name:	John S. Shriber
Customer Number:	64494
Filer:	John Patrick Ward/YIJIE SHEN
Filer Authorized By:	John Patrick Ward
Attorney Docket Number:	126867-200105/US
Receipt Date:	17-APR-2018
Filing Date:	29-APR-2016
Time Stamp:	22:59:47
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$ 720
RAM confirmation Number	041818INTEFSW00006456502638
Deposit Account	502638
Authorized User	YIJIE SHEN
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	Information Disclosure Statement (IDS) Form (SB08)	126867-200105_IDS.PDF	612344	no	5
			1ba2af67fc024c1a877d88b28b857644fb843dba		
Warnings:					
Information:					
2	Request for Continued Examination (RCE)	126867-200105_RCE.PDF	1349957	no	3
			ae429db960b8374bd811d8d871e0ff4ef42ec1f0		
Warnings:					
Information:					
3		126867-200105_RFOA.pdf	144167	yes	11
			323c41747e5115218bd1d1612f6e285367098fde5		
	Multipart Description/PDF files in .zip description				
	Document Description	Start	End		
	Amendment Submitted/Entered with Filing of CPA/RCE	1	1		
	Claims	2	5		
	Applicant Arguments/Remarks Made in an Amendment	6	11		
Warnings:					
Information:					
4	Letter Requesting Suspension of Action	126867-200105_Suspension.pdf	84216	no	1
			b4b0dd16a7511ad216e7f0268bda7c6f168725d4		
Warnings:					
Information:					
5	Fee Worksheet (SB06)	fee-info.pdf	32362	no	2
			eb26da3490857e1f09a3c48836b106e0643d4073		

Warnings:	
Information:	
Total Files Size (in bytes):	2223046
This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503. <u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. <u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. <u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.	

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (01-10)

Approved for use through 07/31/2012. OMB 0651-0031

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

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	15142479
	Filing Date	2016-04-29
	First Named Inventor	JOHN SHRIBER
	Art Unit	2167
	Examiner Name	UDDIN, MOHAMMED R
	Attorney Docket Number	126867-200105/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	7617190		2009-11-10	Wright, et al.		
	2	7634535		2009-12-15	Watson		
	3	7640184		2009-12-29	Lunt		
	4	7957723		2011-06-07	Punaganti Venkata, et al.		
	5	8606845		2013-12-10	Dickinson, et al.		
	6	9740794		2017-08-22	Bhumkar, et al.		
If you wish to add additional U.S. Patent citation information please click the Add button.							Add
U.S.PATENT APPLICATION PUBLICATIONS							Remove
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		15142479
	Filing Date		2016-04-29
	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	126867-200105/US	

1	20050165615	2005-07-28	Minar, Nelson
2	20060073812	2006-04-06	Murali Krishna Punaganti Venkata, et al.
3	20060095507	2006-05-04	Watson; Stuart T.
4	20060217126	2006-09-28	Mark Sohm, et al.
5	20070156809	2007-07-05	Richard L. Dickinson, et al.
6	20080235594	2008-09-25	Soujanya Bhumkar, et al.
7	20080313215	2008-12-18	Tuvik Beker, et al.

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

FOREIGN PATENT DOCUMENTS								Remove
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							

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NON-PATENT LITERATURE DOCUMENTS								Remove
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		15142479
	Filing Date		2016-04-29
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	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	126867-200105/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
	1		

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

EXAMINER SIGNATURE

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

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

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		15142479
	Filing Date		2016-04-29
	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	126867-200105/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	/John P. Ward/	Date (YYYY-MM-DD)	2018-04-17
Name/Print	John P. Ward	Registration Number	40216

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.



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www.uspto.gov

64494 e 2018-05-08
GREENBERG TRAURIG, LLP (SV)
c/o: Greenberg Traurig LLP - Chicago Office
77 West Wacker Drive, Suite 3100
Intellectual Property Department
Chicago, IL 60601

Paper No. 20180426

Application No.:	15/142,479 	Date Mailed:	2018-05-08 ELECTRONIC
First Named Inventor:	John S. Shriber	Examiner:	UDDIN, MOHAMMED R
Attorney Docket No.:	126867-200105/US	Art Unit:	2167
Confirmation No.:	3306	Filing Date:	04/29/2016

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

Commissioner for Patents

**UNITED STATES DEPARTMENT OF COMMERCE****U.S. Patent and Trademark Office**

Address: COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR/ PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
15/142,479	29 April 2016	Shriber et al.	126867-200105/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	
		UDDIN, MOHAMMED	
		ART UNIT	PAPER
		2167	20180426

DATE MAILED: _____

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

Commissioner for Patents

This notice is in response to the request for deferral/suspension of action under 37 CFR 1.103. The request has been approved.

/Ross W. Brown/
Legal Instruments Examiner

Office of Patent Examination Support Services (OPESS)
) 571-272-3571



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NOTICE OF ALLOWANCE AND FEE(S) DUE

64494 7590 09/06/2018
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: 09/06/2018

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/142,479	04/29/2016	John S. Shriber	177720-200105/US	3306

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	\$500	\$0.00	\$0.00	\$500	12/06/2018

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

64494 7590 09/06/2018
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 facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/142,479	04/29/2016	John S. Shriber	177720-200105/US	3306

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	\$500	\$0.00	\$0.00	\$500	12/06/2018

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 03-02 or more recent) attached. Use of a Customer Number is required.	2. For printing on the patent front page, list (1) The names of up to 3 registered patent attorneys or agents OR, alternatively, (2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 1 _____ 2 _____ 3 _____
---	---

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

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

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _____

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

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

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

- ☐ Applicant certifying micro entity status. See 37 CFR 1.29
- ☐ 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. _____



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/142,479	04/29/2016	John S. Shriber	177720-200105/US	3306
64494	7590	09/06/2018	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: 09/06/2018				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

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

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

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

Notice of Allowability	Application No. 15/142,479	Applicant(s) Shriber et al.	
	Examiner MOHAMMED R UDDIN	Art Unit 2167	AIA 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 04/17/2018.
☐ 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 1-2 and 4-15. 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.

DETAILED ACTION

2. This action is in response to the communication filed on April 17, 2018.
3. In view of the amendment filed on April 17, 2018, claims 1, 8 and 15 has been amended, claims, claim 3 has been previously cancelled.
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 04/17/2018, claims 1-2 and 4-15 (renumbered as claims 1-14) are allowed.

Information Disclosure Statement

5. The information disclosure statement (IDS) submitted on 04/17/2018. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Continued Examination Under 37 CFR 1.114

6. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after allowance or after an Office action under *Ex Parte Quayle*, 25 USPQ 74, 453 O.G. 213 (Comm'r Pat. 1935). Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, prosecution in this application has been reopened pursuant to 37 CFR 1.114. Applicant's submission filed on 04/17/2018 has been entered.

Reasons for Allowance

7. The following is an examiner's statement of reasons for allowance:

In the examiner final office action dated on 01/17/2018, claims 1- 2, 4-15 were rejected under pre-AIA 35 U.S.C. 103(a) based primarily on US 2009/0271388 A1 to Murdock et al, (US 2011/0161413 A1) to Cierniak et al, and (US 2010/0257184 A1) to Uy.

The claimed invention is directed towards a method comprising: providing, by a server computer, a first user interface operating on the first client computer and displaying 3rd party content on the first client computer, wherein the first user interface is separate from a main window of a web browser, and wherein the first user interface automatically selects a portion of the 3rd party content and displays the portion of the 3rd party content within the first user interface based on settings received from the user via the user interface to display selected portions of the 3rd party content; receiving, by the server computer, a submission associated with the 3rd party content from the first user via the first user interface; indexing, by the server computer, the 3rd party content based on the submission from the first user; ranking, by the server computer, the 3rd party content based on a rating of the 3rd party content submitted from the first user; receiving, by the server computer, a search query from a second client computer operated by a second user; in response to receiving the search query, selecting, by the server computer and based on the indexing and the ranking of the 3rd party content, a set of search results that include an identification of the 3rd party content; and transmitting, by the server computer, the set of search results to the second client computer.

The prior art of record on US 2009/0271388 A1 to Murdock et al US 2011/0161413 A1 to Cierniak et al, and US 2010/0257184 A1 to Uy to not teach, show or suggest the feature of *wherein the first user interface automatically selects a portion of the 3rd party content and displays the portion of the 3rd party content within the first user interface based on settings received from the user via the user interface to display selected portions of the 3rd party content; receiving, by the server computer, a submission associated with the 3rd party content from the first user via the first user interface; indexing, by the server computer, the 3rd party content based on the submission from the first user; ranking, by the server computer, the 3rd party content based on a rating of the 3rd party content submitted from the first user; receiving, by the server computer, a search query from a second client computer operated by a second user; in response to receiving the search query, selecting, by the server computer and based on*

the indexing and the ranking of the 3rd party content, a set of search results that include an identification of the 3rd party content in combination with other claimed features.

An updated search of prior art in domains (EAST, Google, IEEE 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, 8 and 15.

The dependent claims 2, 4-7 depending on independent claim 1, dependent claims 9-14 depending on independent claim 8 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

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 <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/MOHAMMED R UDDIN/
Primary Examiner, Art Unit 2167

<i>Search Notes</i> 	Application/Control No. 15/142,479	Applicant(s)/Patent Under Reexamination Shriber et al.
	Examiner MOHAMMED R UDDIN	Art Unit 2167

CPC - Searched*		
Symbol	Date	Examiner
(G06F17/30312 G06F17/30554 G06F17/3053)	06/09/2017	M. Uddin
(G06F17/30864 G06F3/04842 G06F17/2247)	06/09/2017	M. Uddin
(G06F17/30867 G06F17/279 H04L67/10 H04L67/02 G06Q10/10)	06/09/2017	M. Uddin

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner
707		06/09/2017	M. Uddin
707	711, 748, 793, 805	06/09/2017	M. Uddin
707		09/02/2018	M. Uddin
707	711, 748, 793, 805	09/02/2018	M. Uddin
707	999.102	09/02/2018	M. uddin

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

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<i>Search Notes</i> 	Application/Control No. 15/142,479	Applicant(s)/Patent Under Reexamination Shriber et al.
	Examiner MOHAMMED R UDDIN	Art Unit 2167

Search Notes		
Search Notes	Date	Examiner
EAST Searched: See attached EAST Search History	06/09/2017	M. Uddin
Inventor Searched: See attached EAST Search History	06/09/2017	M. Uddin
Search Updated:	09/02/2018	M. Uddin
EAST Database searched: USPAT; US-PGPU; USOCR; DERWENT; FPRS; EPO; JPO; IBM_TDB	09/02/2018	M. Uddin
NPL Searched: Google; IEEE; ip.com	09/02/2018	M. Uddin
Keywords used to search EAST and NPL: search engine; plug-in module ; 3rd party content; indexing, ranking, scoring, pop-up browser, pop-up window, user setting. etc..	09/02/2018	M. Uddin

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
707	with keywords from the claims	09/02/2018	M. Uddin
707	711, 748, 793, 805 with keywords from the claims	09/02/2018	M. Uddin
707	999.102 with keywords from the claims	09/02/2018	M. Uddin

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Issue Classification 	Application/Control No. 15/142,479	Applicant(s)/Patent Under Reexamination Shriber et al.
	Examiner MOHAMMED R UDDIN	Art Unit 2167

CPC						
Symbol					Type	Version
G06F	/	17	/	30312	F	2013-01-01
G06F	/	17	/	2247	I	2013-01-01
G06F	/	17	/	279	I	2013-01-01
G06Q	/	10	/	10	I	2013-01-01
G06F	/	17	/	30867	I	2013-01-01
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
G06F	/	17	/	3053	I	2013-01-01
G06F	/	17	/	30554	I	2013-01-01
G06F	/	17	/	30864	I	2013-01-01

CPC Combination Sets					
Symbol				Type	Version
	/		/		

NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 14	
/MOHAMMED R UDDIN/ Primary Examiner, Art Unit 2167 (Primary Examiner) _____ (Date) _____		02 September 2018 O.G. Print Claim(s) 1	O.G. Print Figure 1

Issue Classification 	Application/Control No. 15/142,479	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)	14	
/MOHAMMED R UDDIN/ Primary Examiner, Art Unit 2167 (Primary Examiner)	02 September 2018 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 1

Issue Classification 	Application/Control No. 15/142,479	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	9	10												
2	2	10	11												
	3	11	12												
3	4	12	13												
4	5	13	14												
5	6	14	15												
6	7														
7	8														
8	9														

NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 14	
/MOHAMMED R UDDIN/ Primary Examiner, Art Unit 2167 (Primary Examiner) _____ (Date) 02 September 2018		O.G. Print Claim(s) 1	O.G. Print Figure 1

EAST Search History

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S145	3599	(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
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
S147	55	S146 and ((screen or interface or window or browser) with plug\$in)	US-PGPUB; USPAT	OR	ON	2018/09/02 10:55
S148	28	S147 and index\$3	US-PGPUB; USPAT	OR	ON	2018/09/02 10:56
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
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
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
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
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
S154	167548	"707".clas.	US-PGPUB; USPAT	OR	ON	2018/09/02 11:07
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
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
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
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
S159	5442	707/711,748,793,805.ccls.	US-PGPUB; USPAT	OR	ON	2018/09/02 11:10

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
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
S162	44	S160 and plug\$in	US-PGPUB; USPAT	OR	ON	2018/09/02 11:12
S163	37	S162 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT	OR	ON	2018/09/02 11:12
S164	3599	"I21" 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
S165	9093	707/999.102.ccls.	US-PGPUB; USPAT	OR	OFF	2018/09/02 12:19
S166	180	S165 and (plug\$in with brows\$3)	US-PGPUB; USPAT	OR	ON	2018/09/02 12:20
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

9/ 3/ 2018 9:54:54 AM

C:\Users\muddin\Documents\EAST\Workspaces\15142479.wsp

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (01-10)

Approved for use through 07/31/2012. OMB 0651-0031

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

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	15142479
	Filing Date	2016-04-29
	First Named Inventor	JOHN SHRIBER
	Art Unit	2167
	Examiner Name	UDDIN, MOHAMMED R
	Attorney Docket Number	126867-200105/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	7617190		2009-11-10	Wright, et al.		
	2	7634535		2009-12-15	Watson		
	3	7640184		2009-12-29	Lunt		
	4	7957723		2011-06-07	Punaganti Venkata, et al.		
	5	8606845		2013-12-10	Dickinson, et al.		
	6	9740794		2017-08-22	Bhumkar, et al.		
If you wish to add additional U.S. Patent citation information please click the Add button.							Add
U.S.PATENT APPLICATION PUBLICATIONS							Remove
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		15142479
	Filing Date		2016-04-29
	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	126867-200105/US	

1	20050165615	2005-07-28	Minar, Nelson
2	20060073812	2006-04-06	Murali Krishna Punaganti Venkata, et al.
3	20060095507	2006-05-04	Watson; Stuart T.
4	20060217126	2006-09-28	Mark Sohm, et al.
5	20070156809	2007-07-05	Richard L. Dickinson, et al.
6	20080235594	2008-09-25	Soujanya Bhumkar, et al.
7	20080313215	2008-12-18	Tuvik Beker, et al.

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

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							

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

NON-PATENT LITERATURE DOCUMENTS

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		15142479
	Filing Date		2016-04-29
	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	126867-200105/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
	1		

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

EXAMINER SIGNATURE

Examiner Signature	/MOHAMMED R UDDIN/	Date Considered	09/02/2018
--------------------	--------------------	-----------------	------------

*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		15142479
	Filing Date		2016-04-29
	First Named Inventor	JOHN SHRIBER	
	Art Unit	2167	
	Examiner Name	UDDIN, MOHAMMED R	
	Attorney Docket Number	126867-200105/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	/John P. Ward/	Date (YYYY-MM-DD)	2018-04-17
Name/Print	John P. Ward	Registration Number	40216

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BIB DATA SHEET

CONFIRMATION NO. 3306

SERIAL NUMBER 15/142,479	FILING or 371(c) DATE 04/29/2016 RULE	CLASS 707	GROUP ART UNIT 2167	ATTORNEY DOCKET NO. 177720-200105/US	
APPLICANTS SlangWho, Inc., New York, NY; INVENTORS John S. Shriber, New York, NY; Roman Zaks, New York, NY; Yes, MU ** CONTINUING DATA ***** This application 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 ** 05/11/2016					
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 STATE OR COUNTRY NY	SHEETS DRAWINGS 17	TOTAL CLAIMS 15 14	INDEPENDENT CLAIMS 3
ADDRESS GREENBERG TRAURIG, 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 800	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	8	l7 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/03 09:52
L7	12	l5 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
L6	24	l5 and index\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/03 09:51
L5	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
L4	19	l2 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/03 09:47
L2	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
L1	3846	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	US-PGPUB;	OR	ON	2018/09/02

		@rlad<="20110314")	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			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	10477	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	11455	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;	OR	ON	2018/09/02 12:36

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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	8816	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	237863	"707".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/09/02 12:32
S127	9093	707/999.102.ccls.	US-PGPUB; USPAT	OR	OFF	2018/09/02 12:17
S126	13	("20050165615" "20060073812"	US-PGPUB;	OR	OFF	2018/09/02

		"20060095507" "20060217126" "20070156809" "20080235594" "20080313215" "7617190" "7634535" "7640184" "7957723" "8606845" "9740794").PN.	USPAT			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	3981	(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" "20080215589" "20080256443" "20080294632" "20090144272" "20100011282" "20100023506" "20100088170" "20100125541" "20100199340" "20100262597" "20100312771" "20100313252" "20110043652" "20110179020"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/10 16:17

		"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	916024	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	1610	((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; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/10 11:20
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	2592	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	34619	(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; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/10 10:25
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	445118	(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;	OR	ON	2018/01/09 18:25

			DERWENT; IBM_TDB			
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	1289	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; DERWENT; IBM_TDB	OR	ON	2018/01/09 18:24
S98	2776	(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	17733	(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	US-PGPUB; USPAT; USOCR;	OR	ON	2018/01/09 18:00

		thumb)	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S92	242	S91 and (@ad<="20110314" OR @rlad<="20110314")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/09 16:27
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	368778	(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

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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	9093	707/999.102.ccls.	US-PGPUB; USPAT	OR	OFF	2018/09/02 12:19
S164	3599	"I21" 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	US-	OR	ON	2018/09/02

		@rlad<="20110314")	PGPUB; USPAT			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	5442	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	167548	"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 mear4 (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	3599	(display\$3 or present\$3) with (web near3	US-	OR	ON	2018/09/02

EAST Search History

	(page or site)) with (pop\$up or second\$3 or another or different) near4 (screen or interface or window)	PGPUB; USPAT	10:52
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9/ 3/ 2018 9:54:35 AM

C:\ Users\ muddin\ Documents\ EAST\ Workspaces\ 15142479.wsp

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:	John Shriber, et al.	Examiner:	Mohammed Uddin
Serial No.:	15/142,479	Group Art Unit:	2167
Filed:	April 29, 2016	Confirmation:	3306
Title:	Search Engine		

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Mail Stop Issue Fee
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: December 5, 2018

/John P. Ward/

John P. Ward

Reg. No. 40,216

GREENBERG TRAURIG, LLP

CUSTOMER NUMBER **64494**

Phone: (650) 328-8500

Fax: (650) 328-8508

Electronic Patent Application Fee Transmittal				
Application Number:		15142479		
Filing Date:		29-Apr-2016		
Title of Invention:		Search Engine		
First Named Inventor/Applicant Name:		John S. Shriber		
Filer:		John Patrick Ward/Esther Campbell		
Attorney Docket Number:		177720-200105/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	500	500

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				500

Electronic Acknowledgement Receipt	
EFS ID:	34492178
Application Number:	15142479
International Application Number:	
Confirmation Number:	3306
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:	177720-200105/US
Receipt Date:	05-DEC-2018
Filing Date:	29-APR-2016
Time Stamp:	14:16:43
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$ 500
RAM confirmation Number	120618INTEFSW00012379502638
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)	

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	Issue Fee Payment (PTO-85B)	177720-200105_IssueFeeTransmittal.PDF	128871	no	2
			4bed959e126e39ae577a5ad4604d30cde196677		

Warnings:

Information:

2	Miscellaneous Incoming Letter	177720-200105_StatementofReasons.PDF	108996	no	1
			8e82a9073d77784a11b5248ae06268535801ffa5		

Warnings:

Information:

3	Fee Worksheet (SB06)	fee-info.pdf	29768	no	2
			dfd5fac72a9c65f10e5194944e5ae5c3d2758e0c		

Warnings:

Information:

Total Files Size (in bytes):			267635
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

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

National Stage of an International Application under 35 U.S.C. 371

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

New International Application Filed with the USPTO as a Receiving Office

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

PART B—FEE(S) TRANSMITTAL

Complete and send this form, together with the applicable fee(s), to: Mail

Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22314-1450
 (571)-273-2885

or Fax

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

Esther Campbell	(Depositor's Name)
/Esther Campbell/	(S-signature)
December 5, 2018	(Date)

APPLICATION NO	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO	CONFIRMATION NO
15/142,479	04/29/2016	John S. Shriber	177720-200105/US	3306

TITLE OF INVENTION:

APPLN: TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$500	\$0	\$0	\$500	12/06/2018

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, LLP
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, NEW YORK

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 **502638** (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 December 5, 2018

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.



UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/142,479	01/15/2019	10180952	177720-200105/US	3306

64494 7590 12/22/2018
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 0 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):

John S. Shriber, New York, NY;
SlangWho, Inc., 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	15/142,479
Filing Date	April 29, 2016
First Named Inventor	John S. SHRIBER
Title	SEARCH ENGINE
Art Unit	2167
Examiner Name	MOHAMMED R. UDDIN
Attorney Docket Number	300671.US.06-125912-0000002

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)			

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.

☐

*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
15/142,479	April 29, 2016

(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:	47572476
Application Number:	15142479
International Application Number:	
Confirmation Number:	3306
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:	177720-200105/US
Receipt Date:	22-FEB-2023
Filing Date:	29-APR-2016
Time Stamp:	13:55:44
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	125912-2POA.pdf	929537	no	2
			353eb0c3e1d058eacd8d245157aff266cad9840c		

Warnings:

Information:	
Total Files Size (in bytes):	929537
This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503. <u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. <u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. <u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.	



UNITED STATES PATENT AND TRADEMARK OFFICE

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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
15/142,479	04/29/2016	John S. Shriber	177720-200105/US

CONFIRMATION NO. 3306
IMPROPER CPOA LETTER

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 POWER OF ATTORNEY

This is in response to the power of attorney filed 02/22/2023. The power of attorney in this application is not accepted for the reason(s) listed below:

- The power of attorney is from an assignee and the statement required by 37 CFR 3.73(c) has not been received.

/sleutchit/

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

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

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	15/142,479
Filing Date	April 29, 2016
First Named Inventor	John S. SHRIBER
Title	SEARCH ENGINE
Art Unit	2167
Examiner Name	MOHAMMED R UDDIN
Attorney Docket Number	300671.US.06-125912.0000002

SIGNATURE of Applicant or Patent Practitioner

Signature	/Armin Ghiam/	Date (Optional)	2024-07-18
Name	Armin Ghiam	Registration Number	72,717
Title (if Applicant is a juristic entity)			
Applicant Name (if Applicant is a juristic entity)			

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.

☐

*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
15/142,479	April 29, 2016

(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	P			
City		State		Zip
Country				
Telephone		Email		

I am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box):

SEARCH AND SHARE TECHNOLOGIES LLC



Inventor or Joint Inventor (title not required below)



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



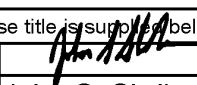
Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)



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)	07/16/2024
Name	John S. Shriber		
Title	General Partner, Search & Share Technologies, LL		

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

APPLICATION #
15/142,479

RECEIPT DATE / TIME
07/18/2024 03:13:01 PM Z ET

ATTORNEY DOCKET #
177720-200105/US

Title of Invention

Search Engine

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # 10180952

CONFIRMATION # 3306

FILED BY KIM R DUFAULT

PATENT CENTER # 66424812

FILING DATE 04/29/2016

CUSTOMER # 64494

FIRST NAMED INVENTOR John S. Shriber

CORRESPONDENCE ADDRESS -

AUTHORIZED BY Armin Ghiam

Documents

TOTAL DOCUMENTS: 1

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
125912-2POA.pdf	2	Power of Attorney	243 KB

Warning: The attached file contains comments or annotations. Comments are not recommended and may cause processing problems with the document.

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
125912-2POA.pdf	7C8809612F890ACB17ADFE10BDC3221A62C5DE24B3BA12136 5C0E628C7344A242AA3A54494FA3627BA05086BBBD1325C0CB 1E49CC6D57937EEBC81D5787AFD98D

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized

by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

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

National Stage of an International Application under 35 U.S.C. 371

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

New International Application Filed with the USPTO as a Receiving Office

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



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
15/142,479	04/29/2016	John S. Shriber	177720-200105/US

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

CONFIRMATION NO. 3306
IMPROPER CPOA LETTER



OC000000075855130

Date Mailed: 07/30/2024

NOTICE REGARDING POWER OF ATTORNEY

This is in response to the power of attorney filed 07/18/2024. The power of attorney in this application is not accepted for the reason(s) listed below:

- The power of attorney is from an assignee and the statement required by 37 CFR 3.73(c) has not been received or is incomplete.

/mbeyenc/

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

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

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	15/142,479
Filing Date	April 29, 2016
First Named Inventor	John S. SHRIBER
Title	SEARCH ENGINE
Art Unit	2167
Examiner Name	MOHAMMED R UDDIN
Attorney Docket Number	125912.0000002

SIGNATURE of Applicant or Patent Practitioner

Signature	/Armin Ghiam/	Date (Optional)	
Name	Armin Ghiam	Registration Number	72,717
Title (if Applicant is a juristic entity)	Attorney of Record		
Applicant Name (if Applicant is a juristic entity)	SEARCH AND SHARE TECHNOLOGIES LLC		

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.

☐

*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.



UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
15/142,479

RECEIPT DATE / TIME
11/01/2024 11:05:26 AM Z ET

ATTORNEY DOCKET #
177720-200105/US

Title of Invention

Search Engine

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # 10180952

CONFIRMATION # 3306

FILED BY Miesha Hollingsworth

PATENT CENTER # 67808374

FILING DATE 04/29/2016

CUSTOMER # 64494

FIRST NAMED
INVENTOR John S. Shriber

CORRESPONDENCE
ADDRESS -

AUTHORIZED BY Armin Ghiam

Documents

TOTAL DOCUMENTS: 3

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
125912_2 POA Trans.pdf	1	Power of Attorney	430 KB
125912_2 EXEC POA.pdf	1	Power of Attorney	495 KB
125912_2 Statement Under 37 CFR 3.73c.pdf	3	Assignee showing of ownership per 37 CFR 3.73	1461 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
125912_2 POA Trans.pdf	CE54AAE44B377B8E2728AB87C6243493E9D91323D30623BC8 BA7C8106201B3202BC760F7B9ABF54501F85D44452B5370244 DBEFC9E2A3657C9DDF6C10565A8B4
125912_2 EXEC POA.pdf	F9C9AE98B677BDFC0BAE71CE32F6D4733F4D163A58354DB3

5CE3F9FC4487F99F737585709C1DF81734018C23E4989B8AA9
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125912_2 Statement Under 37
CFR 3.73c.pdf

566B2714EB99DD165F68E0EF2FC0A2661B83543D6473619F21
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91BF133FE1F98DD23D1E546BADBE

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

New Applications Under 35 U.S.C. 111

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

National Stage of an International Application under 35 U.S.C. 371

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

New International Application Filed with the USPTO as a Receiving Office

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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
15/142,479	April 29, 2016

(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):

SEARCH AND SHARE TECHNOLOGIES LLC



Inventor or Joint Inventor (title not required below)



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



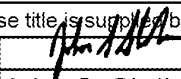
Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)



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)	07/16/2024
Name	John S. Shriber		
Title	General Partner, Search & Share Technologies, LL		

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.

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

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(c)First Named Inventor/Patent Owner: John S. ShriberApplication No./Patent No.: 10180952 Filed/Issue Date: 01/15/2019Titled: Search EngineSEARCH AND SHARE TECHNOLOGIES LLC, a Assignee

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

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. and ZAKS, Roman To: Slangwho, Inc.The document was recorded in the United States Patent and Trademark Office at
Reel 043876, Frame 0473, or for which a copy thereof is attached*.2. From: Slangwho, Inc. To: Newsplug, Inc.The document was recorded in the United States Patent and Trademark Office at
Reel 045363, Frame 0730, or for which a copy thereof is attached*.

[Page 1 of 2]

A Federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with an information collection subject to the requirements of the Paperwork Reduction Act of 1995, unless the information collection has a currently valid OMB Control Number. The OMB Control Number for this information collection is 0651-0031. Public burden for this form is estimated to average 12 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information collection. Send comments regarding this burden estimate or any other aspect of this information collection, including suggestions for reducing this burden to the Chief Administrative Officer, United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 or email InformationCollection@uspto.gov. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(c)3. From: Newsplug, Inc. To: SEARCH AND SHARE TECHNOLOGIES LLCThe document was recorded in the United States Patent and Trademark Office at
Reel 062767, Frame 0317, 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*.☐ Additional documents in the chain of title are listed on a supplemental sheet(s).☐ *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.

/Armin Ghiam/

Signature

Armin Ghiam

Printed or Typed Name

November 1, 2024

Date

72717

Title or Registration 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. The United States Patent and Trademark Office (USPTO) collects the information in this record under authority of 35 U.S.C. 2. The USPTO's system of records is used to manage all applicant and owner information including name, citizenship, residence, post office address, and other information with respect to inventors and their legal representatives pertaining to the applicant's/owner's activities in connection with the invention for which a patent is sought or has been granted. The applicable Privacy Act System of Records Notice for the information collected in this form is COMMERCE/PAT-TM-7 Patent Application Files, available in the Federal Register at 78 FR 19243 (March 29, 2013). <https://www.govinfo.gov/content/pkg/FR-2013-03-29/pdf/2013-07341.pdf>

Routine uses of the information in this record may include disclosure to:

- 1) law enforcement, in the event that the system of records indicates a violation or potential violation of law;
- 2) a federal, state, local, or international agency, in response to its request;
- 3) a contractor of the USPTO having need for the information in order to perform a contract;
- 4) the Department of Justice for determination of whether the Freedom of Information Act (FOIA) requires disclosure of the record;
- 5) a Member of Congress submitting a request involving an individual to whom the record pertains, when the individual has requested the Member's assistance with respect to the subject matter of the record;
- 6) a court, magistrate, or administrative tribunal, in the course of presenting evidence, including disclosures to opposing counsel in the course of settlement negotiations;
- 7) the Administrator, General Services Administration (GSA), or their designee, during an inspection of records conducted by GSA under authority of 44 U.S.C. 2904 and 2906, in accordance with the GSA regulations and any other relevant (i.e., GSA or Commerce) directive, where such disclosure shall not be used to make determinations about individuals;
- 8) 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));
- 9) the Office of Personnel Management (OPM) for personnel research purposes; and
- 10) the Office of Management and Budget (OMB) for legislative coordination and clearance.

If you do not furnish the information requested on this form, the USPTO may not be able to process and/or examine your submission, which may result in termination of proceedings, abandonment of the application, and/or expiration of the patent.



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
15/142,479	04/29/2016	John S. Shriber	177720-200105/US

CONFIRMATION NO. 3306

POWER OF ATTORNEY NOTICE



OC000000080420016

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: 11/12/2024

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 11/01/2024.

- The Power of Attorney to you in this application has been revoked by the applicant. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at (571) 272-4000 or (571) 272-4200 or 1-888-786-0101.

/tawashington/



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
15/142,479	04/29/2016	John S. Shriber	177720-200105/US

CONFIRMATION NO. 3306

POA ACCEPTANCE LETTER



OC000000080420025

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

Date Mailed: 11/12/2024

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 11/01/2024.

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.

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/tawashington/