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- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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- with international search report (Art. 21(3))

[Continued on next page]

(54) Title: SYSTEMS AND METHOD FOR ENABLING SEARCHES OF A DOCUMENT CORPUS AND GENERATION OF SEARCH QUERIES

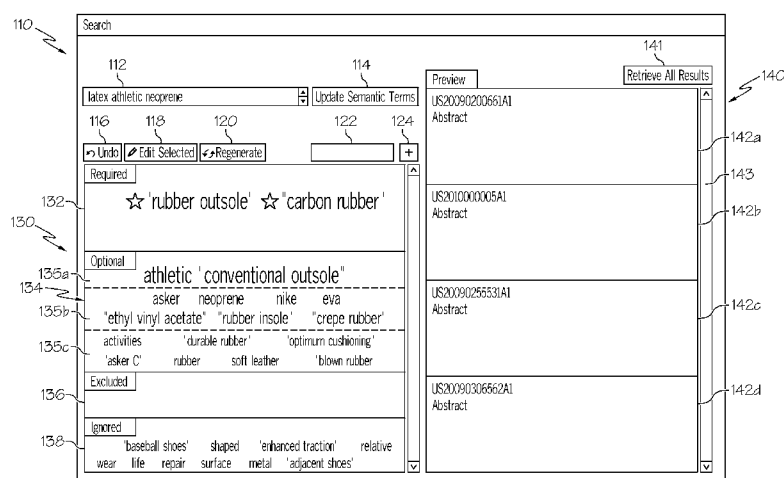


FIG. 6

(57) Abstract: Systems and methods for searching a document corpus and generating search queries are disclosed. A method includes providing for display a graphical user interface having two or more sections, and providing for generation of an initial search query based on locations of query terms entered into the graphical user interface. Sections of the graphical user interface indicate a query status. A revised search query based on a location of the query terms within the graphical user interface is generated following the manipulation of one or more of the query terms. Movement of a selected query term from a first section to a second section of the graphical user interface changes the query status of the selected query term from a first query status to a second query status. A search of the database is performed using the revised search query to return an updated set of electronic documents for display.



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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 12/29327

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06E 1/00, G06F 15/18, G06G 7/00 (2012.01)

USPC - 706/21

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(8): G06E 1/00, G06F 15/18, G06G 7/00 (2012.01)

USPC: 706/21; IPC: G06E 1/00, G06F 15/18, G06G 7/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

USPC: 706/15, 20, 52, 55; 707/705, 713, 752, 754, 779, 999.001, 999.002, 999.005, E17.017, E17.068, E17.078; 704/9 (view search terms below)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PubWEST: (PGPB, USPT, EPAB, JPAB); Google Scholar

Search Terms: document search, document corpus, library, repository, database, graphical user interface, GUI, UI, section, pane, frame, divide, division, window, query, initial query, first query, return, result, outcome, status, revise search, refine search, revise query

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 2009/0216737 A1 (DEXTER) 27 August 2009 (27.08.2009) entire document, especially abstract; para [0099], [0107], [0109], [0121], [0181], [0189]-[0192], [0195]-[0200], [0206], [0209], [0211]-[0213], [0227], [0239], [0244], [0251], [0264], [0274], [0285], [0292]-[0293], [0297], [0304], [0348]-[0351], [0357], [0365]-[0367].	1-6, 9-12, 14-16, 19 ----- 7, 8, 13, 17, 18, 20
Y	US 2008/0275868 A1 (ZER) 06 November 2008 (06.11.2008) entire document, especially abstract; para [0017], [0060], [0073], [0076], [0081], [0089], [0091], [0097]-[0100].	7, 8, 13, 17, 18, 20
A	US 2010/0299343 A1 (AHARI et al.) 25 November 2010 (25.11.2010) entire document.	1-20

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* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

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