



- (51) International Patent Classification:
G06Q 50/18 (2012.01)
- (21) International Application Number:
PCT/US2013/076662
- (22) International Filing Date:
19 December 2013 (19.12.2013)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
61/740,905 21 December 2012 (21.12.2012) US
13/745,117 18 January 2013 (18.01.2013) US
- (71) Applicant: **LEX MACHINA, INC.** [US/US]; 1010 Doyle St., Ste. 200, Menlo Park, California 94025 (US).
- (72) Inventors: **SURDEANU, Mihai**; 5450 N. Via Papavero, Tucson, Arizona 85750 (US). **FOSTER, Ingrid Kaldre**; 1410 Arguello St., Redwood City, California 94063 (US). **RYDHOLM, Carla L.**; 114 Royce St., Ste. H, Los Gatos, California 95030 (US). **NALLAPATI, Ramesh Maruthi**;

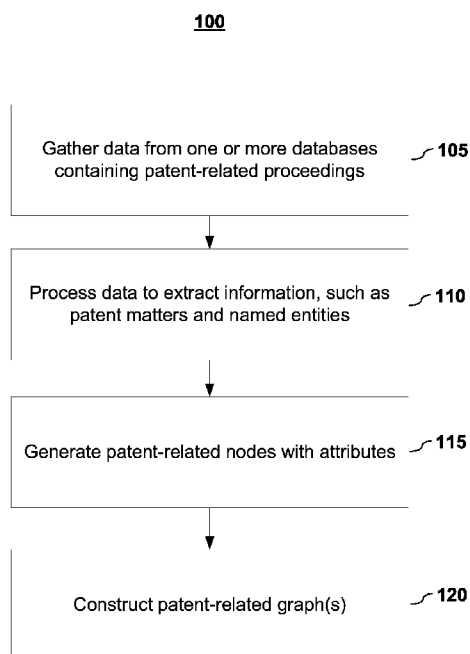
330 Elan Village Ln., Apt. 223, San Jose, California 95134 (US). **WALKER, Joshua H.**; 325 Langton Ave., Los Altos, California 94022 (US). **GREGORY, George D.**; 1121 Laureles Dr., Los Altos, California 94022 (US). **CAROTHERS, Gavin**; 169 W. Hills Circle, Sebastopol, California 95472 (US). **PILON, Nicholas O.P.**; 7720 Bodega Ave., Apt. 25, Sebastopol, California 95472 (US).

(74) Agents: **BAUGH, Bradley D.** et al.; 2479 E. Bayshore Rd., Ste. 210, Palo Alto, California 94303 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

[Continued on next page]

- (54) Title: SYSTEMS AND METHODS FOR USING NON-TEXTUAL INFORMATION IN ANALYZING PATENT MATTERS



(57) Abstract: Aspects of the present invention comprise using non-textual information in analyses of patent matters. In embodiments, patent matter similarity may comprise a combination of two or more metrics: (a) a metric that measures the textual similarity between an input patent portfolio and patent matters; (b) a metric that measures the behavior between portfolio patents and other patent matters at issue (e.g., which patents are asserted in the same proceeding with portfolio patents); (c) a metric that measures the textual similarity between the textual description and patent matters; and (d) a metric that inspects which patent matters are placed at issue by peer companies. In embodiments, patent matter similarity may be determined using textual similarity in combination with non-textual information.

FIGURE 1



(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report (Art. 21(3))*

(88) Date of publication of the international search report:

20 August 2015

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US13/76662

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06Q 50/18 (2014.01)

USPC - 705/311; 707/923, 931

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)

USPC Classifications: 705/310, 311; 707/722, 771, 923, 931, 932-934

IPC(8) Classifications: G06F 7/04, 17/27, 17/30; G06Q 50/18 (2014.01)

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

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

MicroPatent (US-G, US-A, EP-A, EP-B, WO, JP-bib, DE-C,B, DE-A, DE-T, DE-U, GB-A, FR-A); ProQuest; IP.com; Google; examine, review, parse, analyze, analysis, review, patent, assess, determine, similar, likeness, match

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 8131701 B2 (BARNEY, J) March 6, 2012; abstract; figures 2A, 2B, 3, 5; column 10, lines 4-42; column 11, lines 2-47; column 12, lines 48-67; column 13, lines 1-24; column 18, lines 13-32; column 21, lines 7-25, 45-67; column 22, lines 1-31; column 24, lines 27-69	1, 6-9, 15, 18-20
Y		2-5, 10-14, 16, 17
Y	US 2012/0191619 A1 (GROSS, J) July 26, 2012; figures 1, 3; paragraphs [0056], [0132]-[0138]	2-4, 16, 17
Y	US 8095581 B2 (STOBBS, G et al.) January 10, 2012; figures 5, 18-20; column 8, lines 19-52; column 10, lines 5-27; column 24, lines 49-67; column 25, lines 1-3; column 26, lines 11-29	3, 4, 10-14
Y	US 7702631 B1 (BASU, S et al.) April 20, 2010; column 7, lines 30-33; column 8, lines 34-41; column 9, lines 3-20	4, 13, 14
Y	US 2012/0317042 A1 (RHOADS, F et al.) December 13, 2012; figures 1, 4; paragraphs [0029], [0031], [0044]-[0046]	5
Y	US 7761475 B2 (MILLER, S) July 20, 2010; column 6, lines 7-13	14
Y	US 7711747 B2 (RENDERS, J et al.) May 4, 2010; column 7, lines 55-62; column 16, lines 58-64	17

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Date of the actual completion of the international search

13 March 2014 (13.03.2014)

Date of mailing of the international search report

04 APR 2014

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US, Commissioner for Patents
P.O. Box 1450, Alexandria, Virginia 22313-1450

Facsimile No. 571-273-3201

Authorized officer:

Shane Thomas

PCT Helpdesk: 571-272-4300

PCT OSP: 571-272-7774