(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
8 March 2012 (08.03.2012)

PCT

(10) International Publication Number
WO 2012/031052 A2

(51) International Patent Classification:
G06Q 50/00 (2006.01)

(21) International Application Number:
PCT/US2011/050108

(22) International Filing Date:
31 August 2011 (31.08.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
13/223,228 31 August 2010 (31.08.2010) US

(71) Applicant *(for all designated States except US)*: **APIXIO, INC.** [US/US]; 1825 S. Grant Street, Suite 210, San Mateo, California 94402 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **CHAUDHRI, Imran N.** [US/US]; 10801 Brickyard Court, Potomac, Maryland 20854 (US). **DASTMALCHI, Shahram Shawn** [US/US]; 216 Elder Court, San Ramon, California 94582 (US). **ROGERS, Robert Derward** [US/US]; 2699 Torrey Court, Pleasanton, California 94588 (US). **SETHUMADHAVAN, Vishnuvyas** [US/US]; 1929 Crisanto Avenue, Apt 305, Mountain View, California 94040 (US). **ANSARI, Shamshad Alam** [US/US]; 5709 Windsor Gate Lane, Fairfax, Virginia 22030 (US). **KALNINE, Nikolai N.** [US/US]; 2633 Sequoia Way, Belmont, California 94002 (US).

(74) Agent: **IMAM, Maryam**; IPxLAW GROUP LLP, 95 South Market Street, Suite 570, San Jose, California 95113 (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, 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, IS, JP, KE, KG, KM, 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, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, 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.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, 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, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: MEDICAL INFORMATION NAVIGATION ENGINE (MINE) SYSTEM

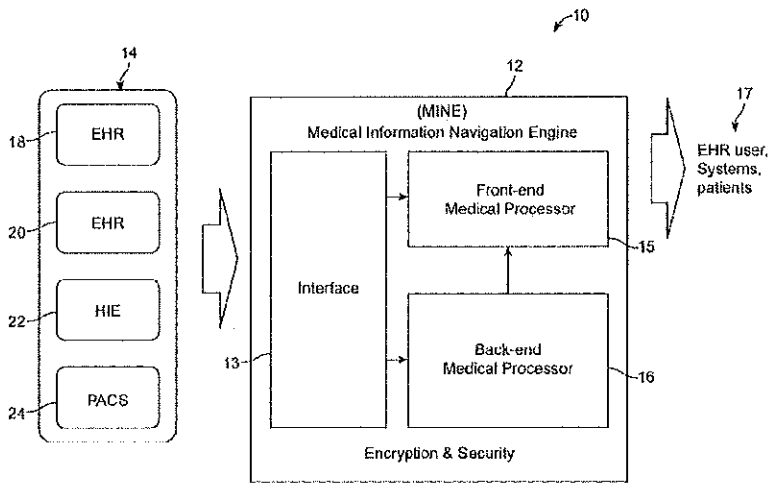


FIG. 1

(57) Abstract: A method of transacting medical information includes receiving medical information from a medical sources, identifying, mapping, and consolidating the received medical information by a back-end medical processor, providing access to specific relevant data, based on a user's security privileges, within the identified, mapped, and consolidated medical information, based on user-specific functions or roles by a front-end medical processor, and generating user-customized processed medical information to a plurality of users, with at least a portion of the user-customized processed medical information being provided to each of the plurality of users based on its relevancy to each user's specific function or role and each user's associated security privileges.

WO 2012/031052 A2