



- (51) International Patent Classification:
G06Q 50/24 (2012.01)
- (21) International Application Number:
PCT/US2012/021867
- (22) International Filing Date:
19 January 2012 (19.01.2012)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
61/434,340 19 January 2011 (19.01.2011) US
- (72) Inventor; and
- (71) Applicant : **CLAWSON, Jeffrey J.** [US/US]; 4649 Farm Meadow Lane, Salt Lake City, Utah 84117 (US).
- (74) Agent: **THOMPSON, John R.**; STOEL RIVES LLP, 201 So. Main Street, Suite 1100, One Utah Center, Salt Lake City, Utah 84111 (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.

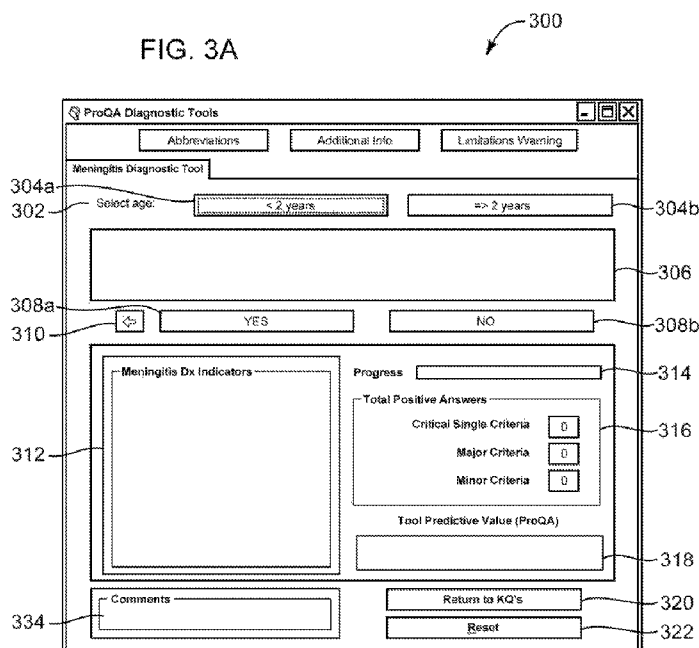
- (84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, 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).

Published:

— *without international search report and to be republished upon receipt of that report (Rule 48.2(g))*

- (54) Title: MENINGITIS DIAGNOSTIC AND INTERVENTION TOOL FOR EMERGENCY DISPATCH

FIG. 3A



(57) **Abstract:** Systems and methods to assist an emergency medical dispatcher in responding to emergency calls are disclosed. A computer-implemented emergency dispatch protocol is provided that includes interrogatories for a dispatcher to ask a caller to generate an appropriate response. A diagnostic tool is provided to aid a dispatcher in determining a likelihood that the patient has meningitis. The diagnostic tool determines a likelihood that the patient has meningitis based on caller-relayed information concerning the caller's observations of the patient. The diagnostic tool can be launched automatically by the emergency dispatch protocol, or manually, as desired by a dispatcher. The diagnostic tool presents a user interface that may provide, among other things, questions to guide the caller in identifying signs and symptoms that the patient has meningitis and input components associated with the questions.