



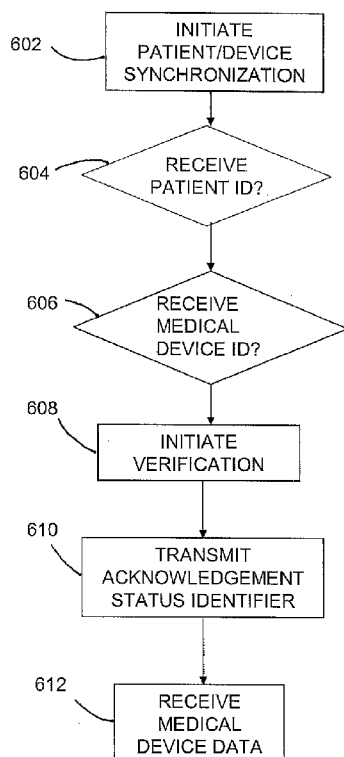
- (51) International Patent Classification:
G06Q 50/22 (2012.01)
- (21) International Application Number:
PCT/US2012/068895
- (22) International Filing Date:
11 December 2012 (11.12.2012)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
13/334,447 22 December 2011 (22.12.2011) US
- (71) Applicant: **COVIDIEN LP** [US/US]; 15 Hampshire Street, Mansfield, MA 02048 (US).
- (72) Inventors: **WIESNER, Joel, D.**; 1110 Treeshade Avenue, St. Peters, MO 63376 (US). **GAINES, Robert, B.**; 1010 Marions Cove Drive, Lake Saint Louis, MO 63367 (US).
- (74) Agents: **WINSOR, Lisa, E.** et al.; Covidien LP, 15 Hampshire Street, Mansfield, MA 02048 (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, 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, PA, 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, 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: SYSTEM AND METHOD FOR PATIENT IDENTIFICATION IN A REMOTE MONITORING SYSTEM



(57) Abstract: A patient monitoring system for remote monitoring of medical devices. The system includes a medical device, a patient identification device and a wireless relay module. The relay module receives patient identification information from the patient identification device and medical device identification from the medical device via a wireless relay network, and transmits this information to the remote monitoring device via an internet-accessible wireless communications network. The remote monitoring device returns an acknowledgement status to the relay module, which the relay module transmits to the medical device. Upon receipt of an acknowledgment status indicating that the patient's use of the medical device is authorized, the medical device transmits medical device data to the relay module via the wireless relay network, and the relay module relays the medical device data to the remote monitoring device via the internet-accessible wireless communications network.



Published:

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