

(51) International Patent Classification:
G06F 19/00 (2011.01)(21) International Application Number:
PCT/US2011/066588(22) International Filing Date:
21 December 2011 (21.12.2011)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (for all designated States except US): **DEKA PRODUCTS LIMITED PARTNERSHIP** [US/US]; 340 Commercial Street, Manchester, NH 03101 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KAMEN, Dean** [US/US]; 15 Westwind Drive, Bedford, NH 03110 (US). **BIASI, John, J.** [US/US]; 54 Castle Drive, Groton, MA 01450 (US). **SCARPACI, Jacob, W.** [US/US]; 162 North Adams Street, Manchester, NH 03104 (US). **KERWIN, John, M.** [US/US]; 291 Ray Street, Manchester, NH 03104 (US). **TURNER, James, G.** [US/US]; 55 River Front Drive, Unit 204, Manchester, NH 03102 (US). **BAL-LANTYNE, Todd, A.** [US/US]; 13 North Meadow Road, Amherst, NH 03031 (US).(74) Agent: **GORAYEB, Marc, J.**; DEKA Research & Development Corp., 340 Commercial Street, Manchester, NH 03101 (US).

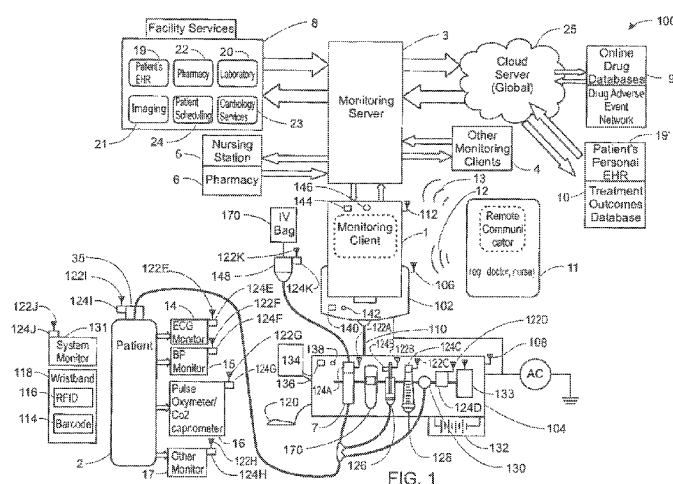
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, 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:

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

(54) Title: SYSTEM, METHOD, AND APPARATUS FOR ELECTRONIC PATIENT CARE



(57) Abstract: A system for electronic patient care includes a hub. The hub is configured to monitor a patient-care device. The sandbox may be configured to control access to at least one of a hardware resource and a software resource. The hub is further configured to identify the patient-care device and execute an application to monitor the patient-care device. The hub executes the application within the sandbox component such that the application accesses the at least one of the hardware resource and the software resource through the sandbox component. The hub may be further configured to control the patient-care device. The hub may be further configured to receive an identification from the patient-care device and download the application from a server associated with the identification. The hub may be further configured to receive an identification from the patient-care device and update the application from a server associated with the identification.