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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
7 July 2005 (07.07.2005)

PCT

(10) International Publication Number
WO 2005/060652 A3

(51) International Patent Classification[7]: A61B 5/02

(21) International Application Number:
PCT/US2004/042153

(22) International Filing Date:
17 December 2004 (17.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0329288.5 18 December 2003 (18.12.2003) GB
60/620,968 22 October 2004 (22.10.2004) US

(71) Applicant *(for all designated States except US)*: **INVERNESS MEDICAL SWITZERLAND GMBH** [CH/CH]; Bundesplatz 1, 6300 Zug (CH).

(71) Applicants and
(72) Inventors: **SHEARD, Paul** [GB/GB]; 48 Glenfield Drive, Great Doddington, Northants NN29 7TE (GB). **REAY, Marika** [SE/GB]; 15 Kestrel Road, Bedford MK41 7HR (GB).

(71) Applicant and
(72) Inventor *(for MN only)*: **TORRANCE, Andrew, W.** [US/US]; 51 Sawyer Road, Suite 200, Waltham, MA 02453 (US).

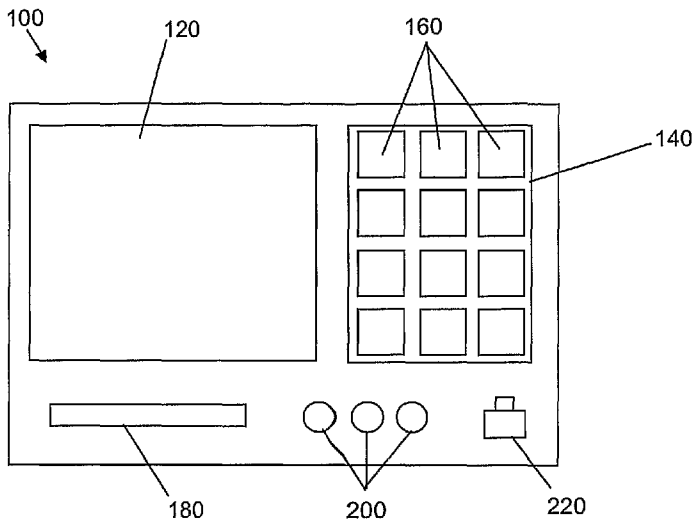
(74) Agent: **FOX, Harold, H.**; Steptoe & Johnson LLP, 1330 Connecticut Avenue, NW, Washington, DC 20036 (US).

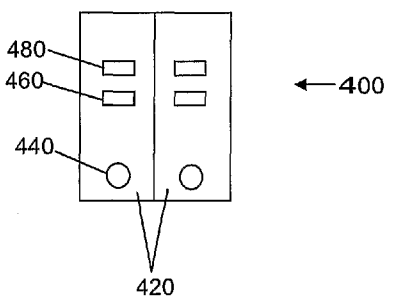
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,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

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: MONITORING METHOD AND APPARATUS





(57) Abstract: As shown in Figure 1, a device for remote management of patients suffering from heart failure and hypertension can measure one or more biomarker. The device aids in monitoring the efficacy and safety of treatment in such patients.

WO 2005/060652 A3

European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report*

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
23 March 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.