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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
27 February 2003 (27.02.2003)

PCT

(10) International Publication Number
WO 03/015627 A3

(51) International Patent Classification[7]: A61B 5/15, 5/00

(21) International Application Number: PCT/GB02/03772

(22) International Filing Date: 16 August 2002 (16.08.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/313,059 16 August 2001 (16.08.2001) US

(71) Applicant *(for all designated States except US)*: **INVERNESS MEDICAL LIMITED** [GB/GB]; Beechwood Park North, Inverness, Scotland IV2 3EP (GB).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **MOERMAN, Piet** [BE/BE]; Ph. De Denterghemlaan 2, B-9831 St. Martens-Latem (BE). **GRIFFITH, Alun** [GB/GB]; 8 Culcabock Road, Inverness IV2 3XQ (GB).

(74) Agents: **MERCER, Christopher, Paul** et al.; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).

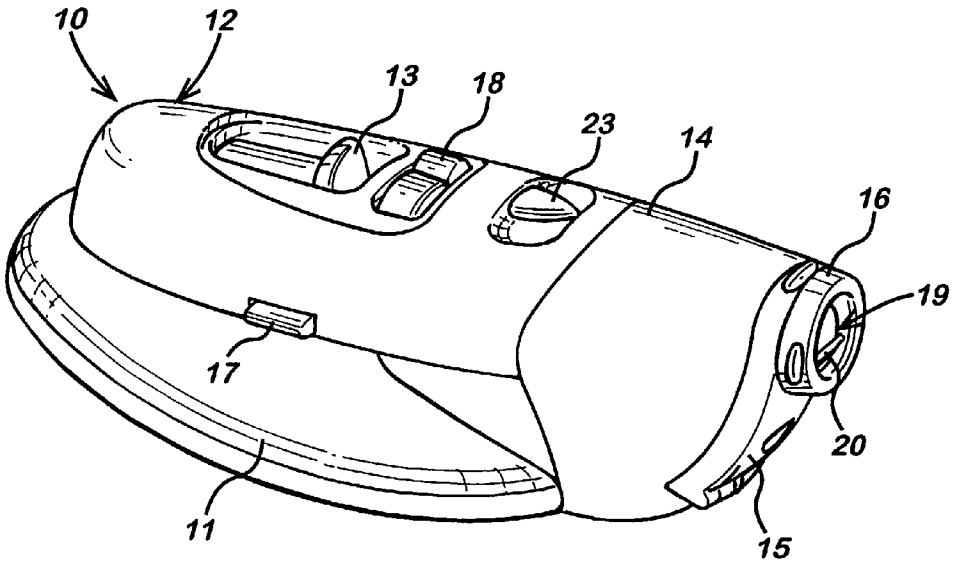
(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT,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

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*

[Continued on next page]

(54) Title: IN-SITU ADAPTER FOR AN ANALYTE TESTING DEVICE



(57) Abstract: An adapter for a standard glucose meter to convert the glucose meter into an integrated testing device is provided. The adapter comprises lancing device, a test strip port for holding a test strip in close proximity to a puncture site, a strip connector for providing an electrical connection between the test strip and the electronics in the glucose meter and a connector for connecting the adapter to the glucose meter. The adapter further includes an adapter cap, including a pressure ring for facilitating the expression of blood from a puncture site. The adapter includes a cocking mechanism for cocking the lancing device, a depth control mechanism for varying the penetration depth of the lancet and a trigger for actuating the lancet.

WO 03/015627 A3

(88) Date of publication of the international search report:
22 May 2003

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.