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(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).

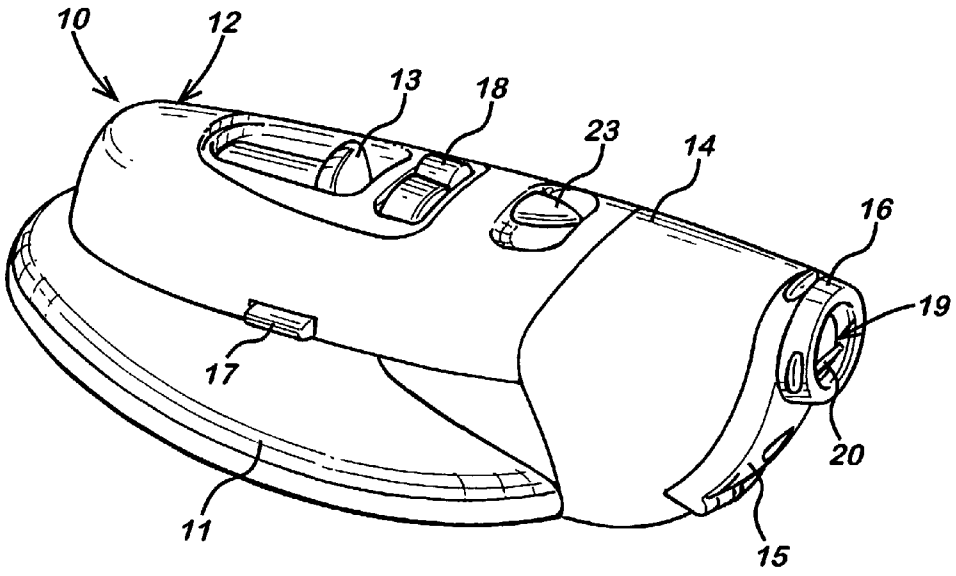
(74) Agents: **MERCER, Christopher, Paul** et al.; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).

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[Continued on next page]

(54) Title: IN-SITU ADAPTER FOR A 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 A2

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