${\bf (19)}\ World\ Intellectual\ Property\ Organization$

International Bureau





(43) International Publication Date 14 September 2006 (14.09.2006) (10) International Publication Number WO 2006/096707 A3

- (51) International Patent Classification: *A61B 17/32* (2006.01)
- (21) International Application Number:

PCT/US2006/008061

(22) International Filing Date: 7 March 2006 (07.03.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

11/073,736 8 March 2005 (08.03.2005) US

- (71) Applicant (for all designated States except US): STAT MEDICAL DEVICES, INC. [US/US]; 1841 N.E. 146th Street, North Miami, Florida 33181 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): SCHRAGA, Steven [US/US]; 9433 Byron Avenue, Surfside, Florida 33154 (US).
- (74) Agents: GREENBLUM, Neil, F. et al.; Greenblun & Bernstein, P.L.C., 1950 Roland Clarke Place, Reston, Virginia 20191 (US).

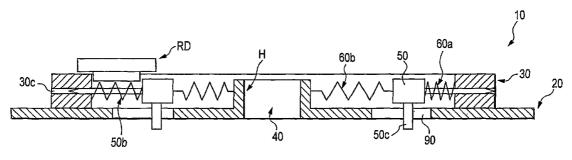
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, 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), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, 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

(88) Date of publication of the international search report: 4 June 2009

(54) Title: CARTRIDGE WITH LANCETS AND TESTING DEVICE USING THE CARTRIDGE



(57) Abstract: Cartridge (1) for a testing device (TD) and method of testing using the testing device (TD) with the cartridge (1). The cartridge (1) includes a plurality of lancet needles (5) and a mechanism (4) allowing the cartridge (1) to be mounted to the testing device (TD). The method provides for puncturing a surface of skin using the testing device (TD) by arranging the testing device (TD) adjacent against a user's skin, triggering the testing device (TD) so that one of the plurality of lancet needles (5) is caused to penetrate the user's skin, and rotating the cartridge (1) to another position.



INTERNATIONAL SEARCH REPORT

International application No.
PCT/US06/08061

| A. CLASSIFICATION OF SUBJECT MATTER | | |
|--|--|--|
| IPC: A61B 17/32(2006.01) | | |
| USPC: 606/181,182,183 According to International Patent Classification (IPC) or to both national classification and IPC | | |
| B. FIELDS SEARCHED | | |
| Minimum documentation searched (classification system followed by classification symbols) U.S.: 606/181, 182, 183 | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched | | |
| Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) east | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category * Citation of document, with indication, where a | ppropriate, of the relevant passages | Relevant to claim No. 1-7, 10-15, 17-43 |
| | US 2004/0230216 A1 (LEVAUGHN et al) 18 November 2004, see entire document. | |
| | | 8, 9, 16 |
| | | |
| | | • |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | F | |
| Further documents are listed in the continuation of Box C. | See patent family annex. | |
| Special categories of cited documents: | "T" later document published after the inte | |
| "A" document defining the general state of the art which is not considered to be of particular relevance | date and not in conflict with the applic principle or theory underlying the inve | ntion |
| "E" earlier application or patent published on or after the international filing date | "X" document of particular relevance; the considered novel or cannot be conside when the document is taken alone | claimed invention cannot be red to involve an inventive step |
| "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as | "Y" document of particular relevance; the considered to involve an inventive step | claimed invention cannot be |
| specified) "O" document referring to an oral disclosure, use, exhibition or other means | combined with one or more other such documents, such combination being obvious to a person skilled in the art | |
| "P" document published prior to the international filing date but later than the priority date claimed | "&" document member of the same patent | |
| Date of the actual completion of the international search | Date of mailing of the international search | ch report |
| 30 June 2008 (30.06.2008) | Authorized officer | 1 |
| Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US | /) - | a Held |
| Commissioner for Patents | MICHAEL G. MENDOZA | CO CHIEN |
| P.O. Box 1450 Alexandria, Virginia 22313-1450 | Telephone No. (703) 308-0858 | 51 |
| Facsimile No. (571) 273-3201 | | |

Form PCT/ISA/210 (second sheet) (April 2007)