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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
26 July 2012 (26.07.2012)

WIPO | PCT

(10) International Publication Number
WO 2012/099537 A1

(51) International Patent Classification:
*A61B 5/00* (2006.01) *G01N 33/49* (2006.01)
*G01N 21/35* (2006.01)

(21) International Application Number:
PCT/SG2012/000005

(22) International Filing Date:
5 January 2012 (05.01.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
13/010,705 20 January 2011 (20.01.2011) US

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(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,

*[Continued on next page]*

(54) Title: OPTICAL MEASUREMENT DEVICE AND A METHOD FOR AN OPTICAL MEASUREMENT

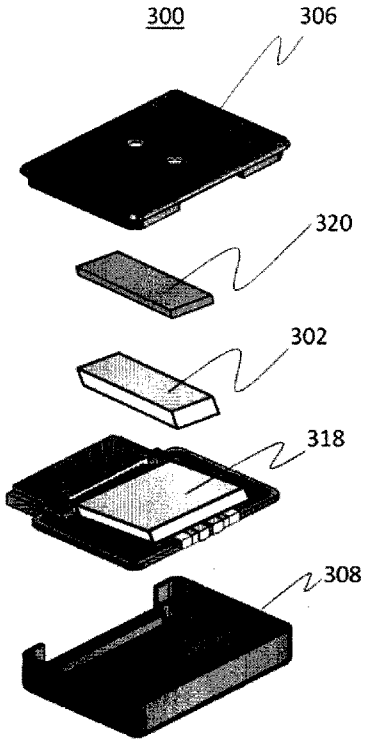



Figure 3 (3b)

(57) Abstract: A reflectance-based optical measurement device and a method for a reflectance-based optical measurement are provided. The device comprises an illumination and detection assembly configured to output light to a surface portion of a user for measurement and to detect the output light reflected from said surface portion of the user as a signal; a coupling member configured for coupling in a cableless configuration to a personal mobile processing device; a measurement surface configured to allow access to said measurement surface by the surface portion of the user; wherein said access is provided by the optical device being holderless such that the surface portion of the user is allowed access to said measurement surface from all directions in a single plane; and further wherein said coupling member is arranged to transmit the detected signal to the personal mobile processing device.

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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))*