



- (51) **International Patent Classification:**
A61B 3/10 (2006.01) A61B 3/12 (2006.01)
- (21) **International Application Number:**
PCT/GB2015/052001
- (22) **International Filing Date:**
10 July 2015 (10.07.2015)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
1412269.1 10 July 2014 (10.07.2014) GB
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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, BN, 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, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, 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, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, 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, KM, ML, MR, NE, SN, TD, TG).

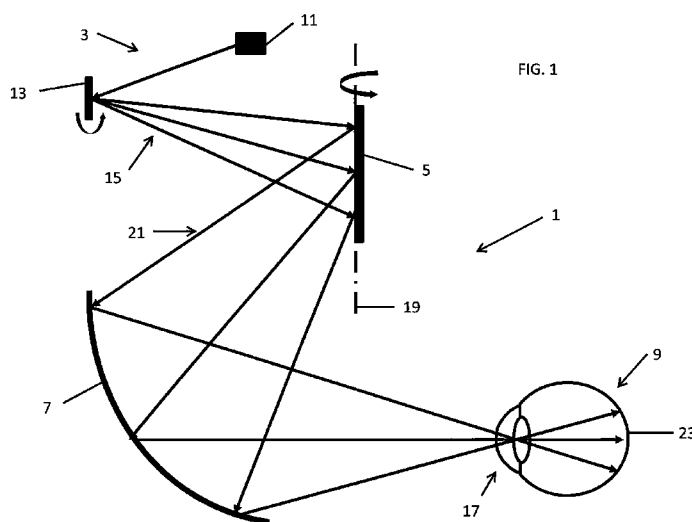
Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

Published:

— with international search report (Art. 21(3))

(54) **Title:** OPHTHALMOSCOPES



(57) **Abstract:** An ophthalmoscope (1) and method for scanning a fundus (23) of an eye (9), comprising a light system (3) which produces linear light, a scanner (5) which receives at least some of the linear light and is movable about a scan axis to produce a 1D scan of the at least some linear light, and a scan transfer system (7) which receives the 1D scan from the scanner and transfers the 1D scan to the eye, wherein the scanner is positioned in the ophthalmoscope such that it receives the at least some of the linear light substantially along the scan axis, the scan transfer system positioned in the ophthalmoscope such that a pupil of the eye is provided at a focal point of the system, and the scanner is positioned in the ophthalmoscope and the scan transfer system is configured to transfer the 1D scan from the scanner through the focal point at the eye pupil and onto the eye fundus.

