



- (51) **International Patent Classification:**
G02C 11/00 (2006.01) *G02C 11/06* (2006.01)
- (21) **International Application Number:**
PCT/US2013/020571
- (22) **International Filing Date:**
7 January 2013 (07.01.2013)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
- | | | |
|------------|-----------------------------|----|
| 61/583,940 | 6 January 2012 (06.01.2012) | US |
| 61/622,092 | 10 April 2012 (10.04.2012) | US |
| 61/638,150 | 25 April 2012 (25.04.2012) | US |
| 61/640,425 | 30 April 2012 (30.04.2012) | US |
- (71) **Applicant:** **PIXELOPTICS, INC.** [US/US]; 5241 Valley-park Drive, Roanoke, Virginia 24019 (US).
- (72) **Inventors:** **BLUM, Ronald**; 5241 Valleypark Drive, Roanoke, Virginia 24019 (US). **WANG, Yongping**; 5241 Valleypark Drive, Roanoke, Virginia 24019 (US). **GRAHAM, Mark**; 5241 Valleypark Drive, Roanoke, Virginia 24019 (US). **KOKONASKI, William**; 5241 Valleypark Drive, Roanoke, Virginia 24019 (US). **CLOMPUS, Richard**; 5241 Valleypark Drive, Roanoke, Virginia 24019 (US).
- (74) **Agents:** **MCGROARTY, John, P.** et al.; Sterne, Kessler, Goldstein & Fox P.L.L.C., 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).

(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, 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, PA, 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.

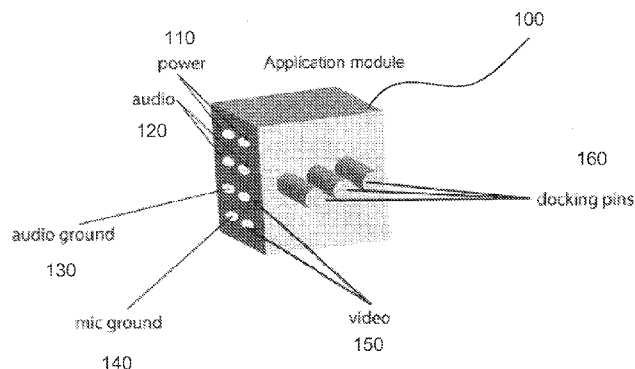
(84) **Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, 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, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(88) **Date of publication of the international search report:**

29 August 2013

(54) **Title:** EYEWEAR DOCKING STATION AND ELECTRONIC MODULE**FIG. 1**

(57) **Abstract:** An eyewear system including an eyewear frame and an application module. The eyewear frame including a docking station, and an electronic connector including a first set of preconfigured application connection points. The application module adapted to be mounted to the docking station, and including an electronic device configured to perform a function, and a second set of preconfigured application connection points corresponding to at least some of the first set of preconfigured application connection points. The second set of preconfigured application connection points including at least two different sub-function connections used to support the function of the electronic device.