

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
16 November 2006 (16.11.2006)

PCT

(10) International Publication Number
WO 2006/121885 A3

(51) International Patent Classification:
G02C 13/00 (2006.01)

(74) Agents: **JOHNSON, Philip, S.** et al.; JOHNSON & JOHNSON, One Johnson & Johnson Plaza, New Brunswick, New Jersey 08933-7003 (US).

(21) International Application Number:

PCT/US2006/017461

(22) International Filing Date: 4 May 2006 (04.05.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

11/125,058

9 May 2005 (09.05.2005) US

(71) Applicant (for all designated States except US): **JOHNSON & JOHNSON VISION CARE, INC.** [US/US]; 7500 Centurion Parkway, Suite 100, Jacksonville, Florida 32256 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SANDERS, Kerry, T.** [US/US]; 1753 Derringer Road, Jacksonville, Florida 32225 (US). **WIDMAN, Michael, F.** [US/US]; 2864 Claire Lane, Jacksonville, Florida 32223 (US). **FORD, James, D.** [US/US]; 515 Nassau Court, Orange Park, Florida 32003 (US). **MOLOCK, Frank** [US/US]; 1543 Wildfern Drive, Orange Park, Florida 32003 (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:

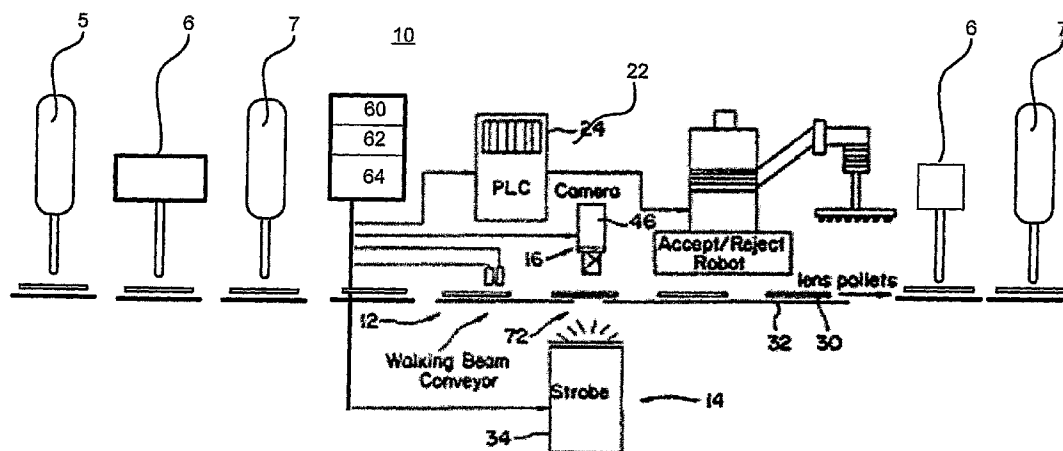
— with international search report

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

8 March 2007

[Continued on next page]

(54) Title: OPTHALMIC LENS POST DEMOLD PROCESSING AID



(57) Abstract: The present invention discloses improved methods and systems for inspecting an ophthalmic lens by exposing the ophthalmic lens to a processing aid solution that includes $\text{RCO}_2\text{CH}_2\text{CH}_2\text{O}(\text{CH}_2\text{CH}_2\text{O})_x\text{CH}_2\text{CH}_2\text{O}_2\text{CR}$ where R comprises (equals) at least one of: $\text{CF}_3\text{CF}_2(\text{CF}_2)_x\text{CH}_2$; $\text{CH}_3\text{CH}_2(\text{CH}_2)_x\text{CH}_2$; and $\text{Ry}[\text{Si}(\text{CH}_3)_2\text{O}]_x(\text{CH}_2)_3$, while the lens is contained in an ophthalmic lens receptacle, in order to facilitate the removal of bubbles and center the lens in the ophthalmic lens receptacle with a reduced incidence of ophthalmic lenses being folded over on themselves. The decreased incidence of bubbles and proper positioning of the ophthalmic lens in turn facilitates accurate inspection.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.