



- (51) **International Patent Classification:**
G02B 3/14 (2006.01) *A61B 1/06* (2006.01)
- (21) **International Application Number:**
PCT/US2013/050339
- (22) **International Filing Date:**
12 July 2013 (12.07.2013)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
13/549,078 13 July 2012 (13.07.2012) 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, 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, 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, KM, ML, MR, NE, SN, TD, TG).

Published:

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

(54) **Title:** FLUID LENSES, LENS BLANKS, AND METHODS OF MANUFACTURING THE SAME

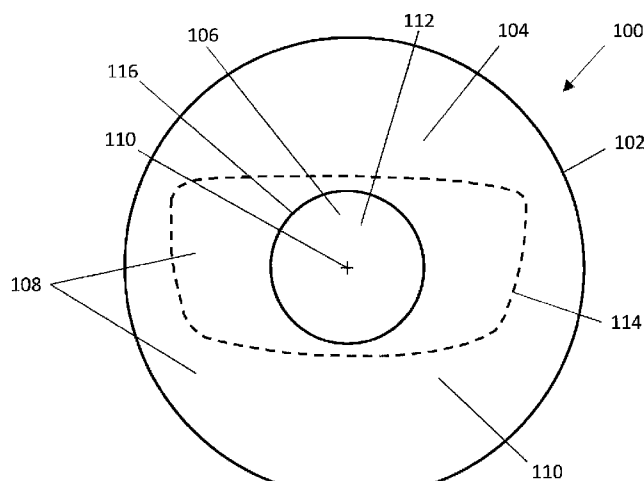


FIG. 1

(57) **Abstract:** A lens blank for a fluid lens includes a rigid lens and a semi-flexible inflatable membrane attached to the rigid lens. The lens blank is divided into a cavity zone and a bonded zone. The cavity zone extends radially outward from a central area of the lens blank and a cavity is formed between the membrane and the rigid lens within the cavity zone. The bonded zone extends radially outward from the cavity zone and the membrane is bonded and fluidly sealed to the rigid lens throughout the bonded zone. The bonded zone is dimensioned to be trimmed to accommodate a plurality of frame shapes and sizes. Methods of manufacturing lens blanks are also provided. Arrays of lens blanks and fluid lenses are also provided.

