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Blake

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(54) **FABRICATION OF AN INTRAOCULAR LENS**

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- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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Related U.S. Application Data

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- (51) **Int. Cl.⁷** **B32B 31/00**; A61F 2/16
- (52) **U.S. Cl.** **156/245**; 156/272.6; 156/273.3; 623/6.46

- (58) **Field of Search** 156/182, 325, 156/60, 272.6, 273.1, 329, 242, 245, 153, 83, 293, 275.7, 272.2; 264/1.4, 2.4, 2.6, 2.7; 623/6, 6.46; 51/313, 314

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(57) **ABSTRACT**

A lens, having an optical power surface, which may have multiple radii portions or aspherical portions as well as spherical portions, is molded in a coined old. A pair of core pins, positioned within the mold cavity during the lens forming process, will produce a pair of haptic-mounting holes within the lens. As the lenses are subsequently tumbled to remove flash, indentations will form adjacent to the haptic-mounting holes. These indentations allow for tangential attachment of the haptic to the lens which, in turn, enables maximum flexibility without exceeding the width of the optic.

54 Claims, 6 Drawing Sheets

