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**Brady et al.**

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(54) **HAPTIC FOR ACCOMMODATING  
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 33 days.

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(51) **Int. Cl.**  
**A61F 2/16** (2006.01)

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(58) **Field of Classification Search** ..... 623/6.37–6.49  
See application file for complete search history.

(57) **ABSTRACT**

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An intraocular lens is disclosed, with an optic that changes shape in response to a deforming force exerted by the zonules of the eye. A haptic supports the optic around its equator and couples the optic to the capsular bag of the eye. The region of contact between the optic and the haptic extends into the edge of the optic, similar to the interface between a bicycle tire and the rim that holds it in place. The haptic may be stiffer than the optic. The haptic may have the same refractive index as the optic. The haptic may include a saddle-shaped portion in contact with the adjustable optic, with a convex profile along an optical axis; and a concave profile in a plane perpendicular to the optical axis.

**26 Claims, 21 Drawing Sheets**

