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**Bumbalough et al.**

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(54) **ACCOMMODATING INTRAOCULAR LENSES**

(56) **References Cited**

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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.**  
**A61F 2/16** (2006.01)

(57) **ABSTRACT**

(52) **U.S. Cl.**  
CPC ..... **A61F 2/1613** (2013.01); **A61F 2/1635** (2013.01); **A61F 2/1648** (2013.01); **A61F 2/1694** (2013.01); **A61F 2002/1681** (2013.01)

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. Certain haptic features improve the accommodative performance of the haptic, such that compressive/tensile forces may be more efficiently transferred from the haptic to optic. Furthermore, certain aspects also provide enhanced bag-sizing capability so that the IOL better fits within the capsular bag.

(58) **Field of Classification Search**  
USPC ..... 623/6.27, 6.37-6.41, 6.43, 6.46, 6.23/6.49-6.5

See application file for complete search history.

**5 Claims, 7 Drawing Sheets**

