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(54) **ACCOMMODATING INTRAOCULAR LENS SYSTEM HAVING CIRCUMFERENTIAL HAPTIC SUPPORT AND METHOD**

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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 1226 days.

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Related U.S. Application Data

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A61F 2/16 (2006.01)

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(58) **Field of Classification Search** 623/4.1, 623/6.11, 6.13, 6.22, 6.37-6.41

See application file for complete search history.

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(57) **ABSTRACT**

An accommodating intraocular lens includes an optic portion a haptic portion and a backstop. The optic portion of the lens includes an actuator that deflects a lens element to alter the optical power of the lens responsive to forces applied to the haptic portion of the lens by contraction of the ciliary muscles. Forces applied to the haptic portion may result in fluid displacements from or to the haptic portion from the actuator. The backstop provides support to the haptic so that bulk translation of the haptic is prevented in response to the forces applied by the capsular sac.

9 Claims, 22 Drawing Sheets

