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Esch et al.

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(54) **ACCOMMODATING INTRAOCULAR LENS HAVING PERIPHERALLY ACTUATED DEFLECTABLE SURFACE 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 0 days.

This patent is subject to a terminal disclaimer.

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Related U.S. Application Data

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A61F 2/16 (2006.01)

(52) **U.S. Cl.**
USPC **623/6.13**

(58) **Field of Classification Search**
USPC 623/6.11, 6.13, 6.22, 6.34, 6.37
See application file for complete search history.

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(57) **ABSTRACT**

An accommodating intraocular lens is provided in which a deflectable lens element is anchored to a substrate along its optical axis to define a fluid filled space. Fluid-filled haptics disposed in fluid communication with the space vary the fluid volume in the space responsive to forces applied by the ciliary muscles, thereby causing the periphery of the lens element to deflect relative to the substrate and changing the optical power of the intraocular lens.

5 Claims, 7 Drawing Sheets

