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**Paul et al.**

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(54) **MULTI-MECHANISTIC ACCOMMODATING  
INTRAOCULAR LENSES**

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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 204 days.

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**A61F 2/16** (2006.01)

(52) **U.S. Cl.** ..... **623/6.22**; 623/6.23; 623/6.24; 623/6.27; 623/6.37; 623/6.38; 623/6.4; 623/6.51

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See application file for complete search history.

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(57) **ABSTRACT**

An intraocular lens (IOL) includes an optic for focusing light and an accommodation assembly for axially moving and/or deforming the optic in response to naturally occurring actions of the eye, thus allowing a patient to more effectively focus on near objects. In addition, the optic may be multi-focal or aspheric, wherein the maximum add power of the lens is combined with the increase in diopter power obtained through axial movement and/or deformation of the optic, resulting in enhanced accommodation.

**26 Claims, 4 Drawing Sheets**

