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(54) **ACCOMMODATING INTRAOCULAR LENS ASSEMBLY WITH MULTI-FUNCTIONAL CAPSULAR BAG RING**

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(58) **Field of Search** **623/6.11, 6.16, 6.22, 6.37, 6.39-6.45, 6.49, 6.52-6.54, 623/6.38**

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(57) **ABSTRACT**

An intraocular lens (IOL) has been provided with an accommodation assembly that effects axial movement of the IOL optic through both the radial action of ciliary muscles and the axial forces resulting from vitreous pressure on the posterior wall of the capsular bag. In a preferred embodiment, the assembly comprises an IOL having substantially rigid, posteriorly extending fixation members which extend through slots in an accommodation ring encircling the optic. Axial forces exerted by vitreous fluids on the posterior wall of the capsular bag are transmitted from the posterior wall to the ring to the fixation members at the slot areas, causing axial movement of the IOL. At the same time, the angulation of the haptics converts radial forces due to contraction or expansion of the capsular bag into axial forces, causing still more axial movement of the IOL.

19 Claims, 1 Drawing Sheet

