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- (54) **ACCOMMODATING INTRAOCULAR LENS**
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(57) **ABSTRACT**

An accommodating intraocular lens (IOL) comprises a lens, a flexible surface, and an articulating member joining the lens and the flexible surface. The articulating member comprises first and second arms extending from and joined to form a peripheral portion. The peripheral portion has a length extending radially away from a point at which the first and second arms join together and a thickness that is greater than each of a thickness of the first arm and a thickness of the second arm, first and second arms coupling the lens and the flexible surface, respectively. A flex region is disposed about the second arm and at a distance from the peripheral portion. The flex region permits the flexible surface to articulate relative to the second arm. The flex region has a reduced thickness as compared to each of the second arm and the flexible surface.

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30 Claims, 13 Drawing Sheets

