United States Patent [19]

Woods

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[54] **INTRAOCULAR LENS IMPLANT HAVING EYE FOCUSING CAPABILITIES**

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[52] **U.S. Cl.** **623/6**

[58] **Field of Search** 623/6

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[57] **ABSTRACT**

An intraocular lens is provided having focusing capabilities permitting shiftable focusing movement of the lens in response to normal ciliary muscle movement incident to changes in range between the eye and an object under observation. The lens is designed for surgical implantation within the capsule of an eye and includes an optic and rearwardly extending haptics oriented for central optic positioning and continuous anterior biasing of the optic against the anterior wall of the capsule. When distant objects are viewed and the ciliary muscle is retracted, the capsule is relatively discoid shaped thus moving the optic posteriorly and loading the haptics in compression. During near object viewing, when the ciliary muscle is contracted, the capsule assumes a relatively more spherical configuration and the loaded haptics urge the optic against the anterior capsule wall for proper focusing.

4 Claims, 2 Drawing Sheets