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# United States Patent [19]

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Worst

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[54] **INTRAOCULAR REFRACTIVE LENS**

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

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

[56] **References Cited**

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[57] **ABSTRACT**

An intraocular lens surgically positioned in the anterior chamber and to be used in addition to the natural lens to correct the refraction. The lens is fixated by iris stromal support, comprising an optical portion of inner concave and outer convex shape and a side support portion which has one or more pairs of pincerlike extensions for holding a portion of iris tissue. The design provides safe clearance away from the vital structures both anteriorly and posteriorly. This technique of stromal iris support permits full pupil motility. Lack of any postoperative decentration allows the system to be used for myopia, hyperopia, presbyopia or astigmatism. A non-transparent, light-impermeable ring may be incorporated to prevent glare or edge effects. The lens provides high predictability of the precalculated optical power.

**10 Claims, 4 Drawing Sheets**

