

[54] **INTRAOCULAR LENS FOR IMPLANTATION INTO THE POSTERIOR CHAMBER OF A HUMAN EYE**

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**Related U.S. Application Data**

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[51] Int. Cl.<sup>2</sup> ..... **A61F 1/16; A61F 1/24**

[52] U.S. Cl. .... **3/13**

[58] Field of Search ..... **3/13; 351/163, 165, 351/167; 350/1.6**

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[57] **ABSTRACT**

The present invention is an intraocular lens for implantation into the posterior chamber of a human eye. The intraocular lens includes a plano-convex lens which is formed from an optical material that is suitable for an implantable lens. The plano-convex lens is adapted to be inserted into the posterior chamber of the human eye within the capsular membrane thereof. The intraocular lens also includes a first supporting loop and a second supporting loop, which are formed from a material that is suitable for implantation into the eye, mechanically coupled to the peripheral edge of plano-convex lens and disposed at an angle in the range of 0° to 25° to the plane surface of the plano-convex lens so that their end portions are below the plane surface of the plano-convex lens. The second supporting loop has a third loop which is formed from supramid material and which is mechanically coupled thereto between the peripheral edge of the plano-convex lens and its end portion so that a temporary securement to the iris of the human eye may be accomplished.

**5 Claims, 4 Drawing Figures**

