

[54] ACCOMMODATING INTRAOCULAR LENS AND METHOD OF IMPLANTING AND USING SAME

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

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[57] ABSTRACT

A deformable intraocular lens includes first and second plastic lens members connected to each other adjacent their peripheral edges so as to provide a cavity therebetween. The connection is realized by means of a U-shaped flange on the first member forming an inwardly facing groove that receives therein an outwardly extending flange on the second member. The U-shaped flange has a pair of angularly spaced entrance slots through which the flange on the second member is inserted. A biasing arrangement is disclosed for urging the lens members into an expanded relation. The amount of biasing force is correlated with the capability of the natural lens capsule of a human eye so that the intraocular lens can be substituted for the cataractous natural lens. Thereafter, the muscular action exerted on the natural capsule will cause my intraocular lens to flatten and thereby change the focusing thereof. Either or both of the lens members may vary in thickness to provide an additional amount of refractive correction.

30 Claims, 5 Drawing Sheets

