

[54] INTRAOCULAR LENSES

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[57] ABSTRACT

Intraocular lenses for implantation into either of the anterior or posterior chambers of a human eye comprise an improved superior limb fixation element which enables lens insertion to be accomplished easier and more exact with assured fixation in the desired chamber over prior art intraocular lenses. The novel superior limb projects laterally from the peripheral edge of the plano-convex lens body and is structured to hold a suture for permanent fixation of the lens within the desired chamber. The suture holding structure of the superior limb comprises a widened and flattened head placed on the distal end of the superior limb and includes a hole or slit placed through the flattened head portion for holding the suture, the flattened head of the superior limb further including a depression surrounding the suture hole or slit to enable the accommodation and guiding of forceps to thread the suture through the slit or hole. Preferably, the plano-convex lens body as well as the laterally projecting superior and lower limb fixation elements are of a one-piece molded suitable physiologically insert plastic, but may also be formed together from separate elements.

5 Claims, 16 Drawing Figures

