

[54] INTRAOCULAR LENSES

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Related U.S. Application Data

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[58] Field of Search ..... 3/13, 1

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[57] ABSTRACT

A new intraocular lens construction, suitable for use in artificial lens implantations and having a medial light-focusing lens body and two lateral position fixation elements therefor, is disclosed. One of the position fixation elements has a first portion extending generally laterally from a first region of the periphery of the lens body, and a second portion extending from the first portion generally transversely thereto and at least partly peripherally of the lens body. The other position fixation element extends generally laterally from a second region of the periphery of the lens body spaced from the first region. By virtue of the special construction of the first position fixation element, the lens can be introduced into the eye by being in effect snaked through the corneo-scleral incision. The length of the incision thus can be the minimum required, as a function of the diameter of the lens body for a given thickness thereof, to accommodate the lens body and can be considerably less than is required in cases of lens implantations utilizing currently available intraocular lenses. By virtue of the location and orientation of the transverse second portion of the first position fixation element relative to the second position fixation element, the two elements coact to provide a three-point support for the lens in the eye so as to maintain proper lens positioning relative to the pupil of the eye.

26 Claims, 11 Drawing Figures

