

[54] INTRAOCULAR LENS ASSEMBLY

[76] Inventor: Francis E. O'Donnell, 6035 Lindell Blvd., St. Louis, Mo. 63112

[21] Appl. No.: 392,595

[22] Filed: Aug. 11, 1989

[51] Int. Cl.⁵ A61F 2/16

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

[58] Field of Search 623/6

[56] References Cited

U.S. PATENT DOCUMENTS

4,056,855	11/1977	Kelman	623/6
4,608,049	8/1986	Kelman	623/6
4,693,716	9/1987	Mackool	623/6
4,813,954	3/1989	Siepsner	623/6
4,834,753	5/1989	Sulc et al.	623/6

FOREIGN PATENT DOCUMENTS

0194390	9/1986	European Pat. Off.	623/6
3503690	11/1986	Fed. Rep. of Germany	623/6
3626869	2/1988	Fed. Rep. of Germany	623/6

Primary Examiner—Ronald Frinks

Attorney, Agent, or Firm—Paul M. Denk

[57] ABSTRACT

An intraocular (IOL) assembly for implanting in the posterior chamber of a human eye after an extracapsular extraction is disclosed. The IOL assembly includes an optic holder having haptic elements for locating and positioning the optic holder in fixed position within the posterior chamber of the eye and an optic lens releasably secured to the optic holder for interchange of different optic lens as needed, without removing the entire optic holder from the eye. Haptic elements include flexible and resilient haptic elements with reversely curving free ends for implanting the optic holder within the posterior chamber. For releasably securing the optic lens to the optic holder, several different mechanical and/or adhesive constructions or techniques may be employed. When it is desired to change an optic lens, it is a simple matter to releasably remove the optic lens from the optic holder and replace the removed optic lens with the new optic lens desired by also releasably securing the same in position relative to the optic holder.

1 Claim, 1 Drawing Sheet

