

[54] INTRAOCULAR LENS HAVING LOOPS
DEFINING A POSTERIOR CAPSULE
BARRIER

[76] Inventor: Robert S. Herrick, 1255 Via Del Rey,
South Pasadena, Calif. 91030

[21] Appl. No.: 520,455

[22] Filed: Aug. 4, 1983

[51] Int. Cl.⁴ A61F 1/16; A61F 1/24

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

[58] Field of Search 3/13, 1

[56] References Cited

U.S. PATENT DOCUMENTS

4,159,546	7/1979	Shearing	3/13
4,244,060	1/1981	Hoffer	3/13
4,412,359	11/1983	Myers	3/13
4,485,499	12/1984	Castleman	3/13

OTHER PUBLICATIONS

Pallin, M. D., Samuel L. and Walman, M. D., Gerald B., "Posterior Chamber Intraocular Lens Implant Cen-
tration: In or Out of 'the Bag,'" *AM Intra-Ocular Im-
plant Society Journal*, vol. 8, Summer 1982, pp. 254-257.
Hoffer, M. D., F.A.C.S., Kenneth J., "The Hoffer
Ridge Lenses from Cilco" (product brochure, 7 pages),
Mar. 1983.

"IOLAB Model 103 (J/M/L) Sinskey Posterior Cham-
ber Lens," IOLAB Corporation product brochure (4
pages).

"Laser Damages Compared in Glass & PMMA

Lenses," *IOL & Ocular Surgery News*, Jun. 15, 1983, pp.
4-5.

"Cilco's Nd: YAG-An Ophthalmic Laser System De-
signed for the Future" (product brochure), Mar. 1983.

Primary Examiner—Ronald L. Frinks
Attorney, Agent, or Firm—Daniel J. Meaney, Jr.

[57] ABSTRACT

An intraocular lens having a lens body which is adapted
to pass through the iris of an eye and a pair of pliable
loops, each having a generally planar mounting end
located at one end thereof and which terminates at the
opposite end thereof in a supporting end extending at a
selected acute angle from the mounting end wherein the
mounting end is formed into a generally arcuate shape
which terminates in a protuberant member having a
predetermined length which extends substantially nor-
mal from the plane of said mounting end in a direction
of the angle defined by the supporting end and wherein
the supporting end has the distal end thereof formed
into an arcuate-shaped loop located in a plane which
extends substantially at the selected angle and wherein
the pair of pliable loops have the protuberant members
affixed posteriorly to the lens body at selected loca-
tions wherein the arcuate-shaped mounting ends define
a posterior capsule barrier which is adapted to be posi-
tioned contiguous to a posterior capsule of an eye while
being capable of defining a space between the lens and
the posterior capsule of the eye.

17 Claims, 14 Drawing Figures

