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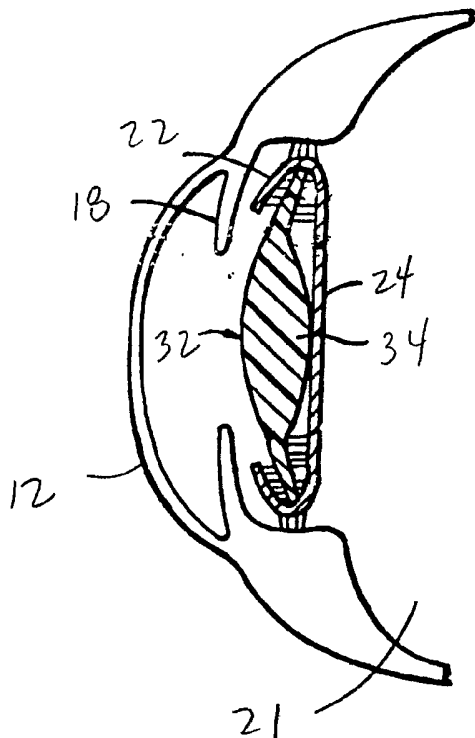
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[Continued on next page]

(54) Title: IMPROVED OCULAR LENS



(57) Abstract: An ocular lens (32) has a refractive optics structure formed from a polyisobutylene-based material and a glassy segment that is non-reactive to ocular fluid and that maintains in vivo transparency for a substantial time period. The material has a central elastomeric polyolefinic block and thermoplastic end blocks (such as a triblock polymer backbone comprising polystyrene-polyisobutylene-polystyrene). The material is preferably flexible such that the refractive optics structure can be folded upon itself and introduced through a small scleral incision. The lens device includes an optic portion and preferably either an annular haptic element or one or more haptic elements adapted to rest within a capsular bag formed by a surgical procedure. A portion of the lens device may be loaded with at least one therapeutic agent that interferes with proliferation of the epithelial cells of the eye to protect against PCO.

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## INTERNATIONAL SEARCH REPORT

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**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : A61F 2/16  
 US CL : 623/6.56, 6.58

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 U.S. : 623/6.56, 6.58

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4,904,421 (Ando et al.) 27 February 1990 (27.02.1990), Abstract, column 3, lines 67-68, column 4, lines 1-68, column 5 and lines 1-46.	1-42
A	US 5,066,730 (Kennedy et al.) 19 November 1991 (19.11.1991), Abstract, column 3, lines 1-68, column 4 and lines 1-48.	1-42
A	US 6,102,939 A (Pinchuk) 15 August 2000 (15.08.2000), Abstract, column 1, lines 9-67, column 2 and lines 1-43.	1-42

 Further documents are listed in the continuation of Box C.

 See patent family annex.

* Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
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"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed		

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