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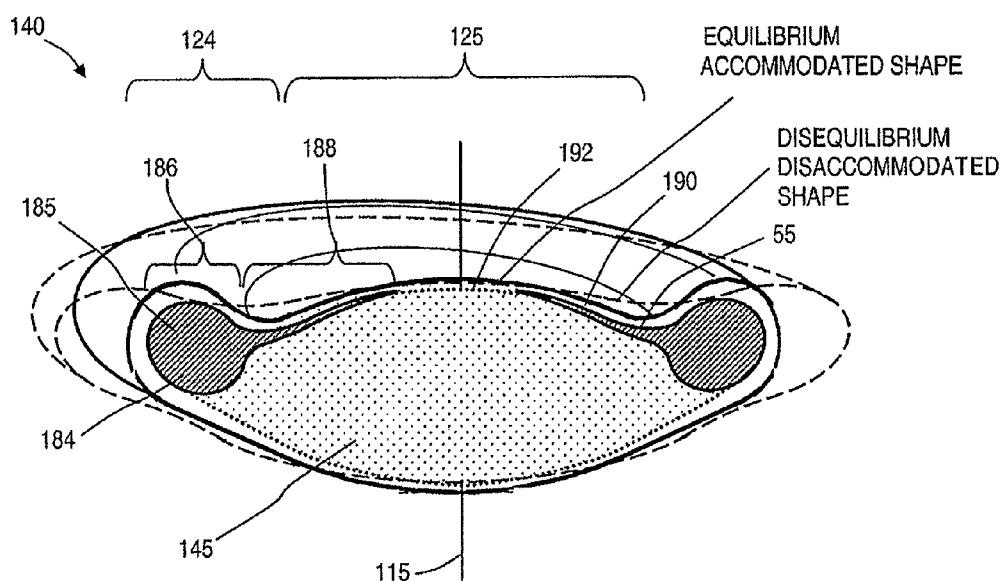
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(54) Title: INTRAOCULAR LENSES AND BUSINESS METHODS



(57) Abstract: An intraocular accommodating lens comprising a resilient polymer monolith with a peripheral component that has a Young's modulus and an equilibrium memory shape that imparts to the capsular sac's periphery the natural shape of the capsule in an accommodated state. The intraocular lens includes a central deformable optic that provides accommodated and disaccommodated shapes. The peripheral component is deformable to a disequilibrium, stressed shape in responsive to equatorial tensioning-and is capable of applying restorative forces to move the lens toward the accommodated shape from a disequilibrium disaccommodated shape. In one embodiment, the central optic portion includes a displaceable media than can be displaced by very low forces of zonular excursion, wherein the displaceable media can comprise a very low modulus polymer or an index-matched fluid.

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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: **A61F 2/16**(2006.01)

USPC: 623/6.23

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. : 623/6.23, 6.13, 6.22

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)

EAST BRS: backward and forward searched the most relevant documents found.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006/0100701 A1 (ESCH et al) 11 May 2006 (11.05.2006), see Figures 3B and 5A to 6D, paragraphs [0058], [0059], and [0069], and claims 5 and 18.	1-5, 8-11, and 14-23
X	US 5,443,506 A (GARABET) 22 August 1995 (22.08.1995), see Figures 7a and 7b, column 3, lines 8-26 and column 13, line 40 et seq.	1, 2, 4, 5, 8-11, 15, 17, 19, 20, and 22

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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