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(54) **INTRAOCULAR, ACCOMMODATING LENS AND METHODS OF USE**

(56) **References Cited**

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USPC **623/6.22**; 623/6.43; 623/6.37; 623/6.13; 623/6.38; 623/6.39

(58) **Field of Classification Search**
USPC 623/6.22, 6.43, 6.49, 6.37, 6.13, 623/6.38-6.39

See application file for complete search history.

(57) **ABSTRACT**

An intraocular lens is adapted for insertion into a capsular bag having a zonular contact region. The intraocular lens comprises a shape changing optical element and an accommodating element comprising at least one force transmitting element and a plurality of spaced apart contacting elements each adapted to contact a portion of the zonular contact region and transmit compressive displacement radially inward at an oblique angle to the optical element and configured to cooperate with at least one of the ciliary muscle of the mammalian eye, the zonules of the mammalian eye and the vitreous pressure in the eye to effect an accommodating shape and a disaccommodating shape change to the optical element.

20 Claims, 11 Drawing Sheets

