

- [54] **POSTERIOR CHAMBER INTRA-OCULAR TRANSPLANT DEVICE**
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- [58] Field of Search ..... **3/13**

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[57] **ABSTRACT**

An intra-ocular implantable device and a method of surgically implanting such device in which upper and lower haptic loops are attached to a lens on opposite sides thereof for contacting the ciliary sulcus (or capsular bag) to position the lens in the posterior chamber. The lower loop has a stiffness greater than the upper loop and the lens has a vertical dimension greater than its horizontal dimension to ensure proper positioning of the lens. The lens has a rear convex surface for facilitating dissection after implantation and optical advantages. Upper and lower bores in the front surface of the lens extend at an angle to the vertical of, for example, 15° to 20° to permit fixation by a fine spatula for manipulation of the device during implantation. The edges of the lens between the loops include straight line portions for guiding the device during insertion and requiring minimum incision.

**13 Claims, 6 Drawing Figures**

