United States Patent [19]

Knight et al.

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[54] **STAKING ANCHOR FOR SOFT IOL**

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

[58] **Field of Search** 623/6; 264/1.1, 1.7

[56] **References Cited**

U.S. PATENT DOCUMENTS

3,866,249	2/1975	Flom	623/6
4,150,471	4/1979	Richards et al.	264/1.7 X
4,468,820	9/1984	Uhler et al.	623/6
4,547,914	10/1985	Castleman	623/6
4,573,998	3/1986	Mazzocco	623/6
4,615,702	10/1986	Koziol et al.	623/6
4,668,446	5/1987	Kaplan et al.	623/6 X
4,737,322	4/1988	Bruns et al.	264/1.7

FOREIGN PATENT DOCUMENTS

4238478	6/1981	Australia .	
0125361	11/1984	European Pat. Off. .	
WO84/00883	3/1984	PCT Int'l Appl.	623/6
WO84/04881	12/1984	PCT Int'l Appl.	623/6

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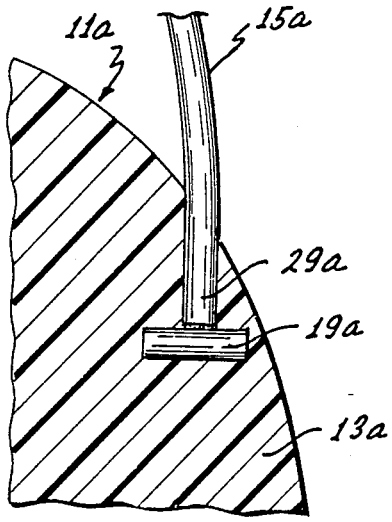
[57] **ABSTRACT**

An intraocular lens comprising a deformable optic and first and second fixation members. Each of the fixation members has a proximal end portion. First and second elongated anchors are coupled to the proximal end portions of the fixation members, respectively, and the anchors and the proximal end portions are within peripheral regions of the optic so that the anchors can assist in attaching the fixation members to the optic. The anchors are spaced apart so that the deformable optic can be folded to facilitate insertion of the optic through a relatively small incision into the eye.

6 Claims, 1 Drawing Sheet