



US005098444A

United States Patent [19]

[11] Patent Number: **5,098,444**

Feaster

[45] Date of Patent: **Mar. 24, 1992**

- [54] **EPIPHAKIC INTRAOCULAR LENS AND PROCESS OF IMPLANTATION**
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- [21] Appl. No.: **494,762**
- [22] Filed: **Mar. 16, 1990**
- [51] Int. Cl.⁵ **A61F 2/16**
- [52] U.S. Cl. **623/6**
- [58] Field of Search **623/6**

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[57] **ABSTRACT**
 In one implantation process, the intraocular lens im-

plant is placed partially or completely on the anterior capsular surface of the human crystalline lens and is attached thereto by means of glue or adhesive. The implant has overall edge-to-edge dimensions such that it does not extend beyond the periphery of the human lens. In several embodiments, adhesive receiving wells are formed in the implant lens near the periphery to facilitate attachment of the implant lens to the human lens. In another embodiment, the implant lens has structure extending from its posterior side for engaging the human lens to space the implant lens from the human lens. In still another embodiment the posterior side of the implant lens is vaulted such that the central portion of the implant lens does not engage the human lens.

In another implantation process, the intraocular lens is attached to a previously implanted intraocular lens for optical correction purposes. Attachment may be with adhesives or mechanical means such as clips.

25 Claims, 11 Drawing Sheets

