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Tassignon

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[54] **INTRAOCULAR LENS AND METHOD FOR PREVENTING SECONDARY OPACIFICATION**

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[52] **U.S. Cl.** **623/6**; 623/4; 128/898

[58] **Field of Search** 623/6, 4; 128/898

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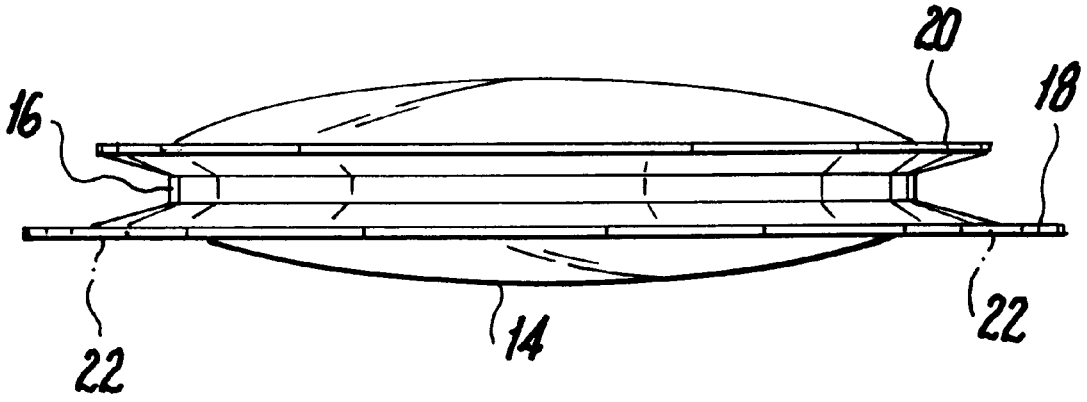
[57] **ABSTRACT**

An intraocular lens for use in extracapsular cataract extraction has a haptic pat that surrounds the optical pat of the lens and further contains a groove of such shape to accommodate the anterior and posterior capsules of the lens bag after anterior capsulorhexis, extracapsular cataract extraction and posterior capsulorhexis. The lens is preferably inserted in a calibrated, circular and continuous combined anterior and posterior capsulorhexis, slightly smaller than the inner circumference of the groove as to induce a stretching of the rims of the capsular openings. This new approach is believed to prevent the appearance of secondary opacification of the capsules, allows a very stable fixation of the intraocular lens and ensures a tight separation between the anterior and posterior segment of the eye. This new principle of insertion is called the bag-in-the-lens technique, in contrast with the classical lens in-the-bag technique.

8 Claims, 2 Drawing Sheets