

[54] **ARTIFICIAL INTRAOCULAR LENS WITH IMPROVED STAVE**

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[58] Field of Search 3/13, 1

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[57] **ABSTRACT**

An artificial intraocular lens designed for mounting within the anterior chamber of a patient's eye is disclosed. A substantially circularly shaped lens body which is refractive to light is provided with a pair of loops and a stave. The stave which is made of an elastic material such as polypropylene is fixedly mounted into an aperture in the lens body. The stave is provided with a keeper member on one side of a free end, the keeper member pointing away from an adjacent loop which is mounted to the same hemispherical segment of the lens as the stave. The opposite side of the stave provides a continuous substantially planar surface from the lens body to the free end of the stave. The loops are inserted behind the iris of the eye, and a surgical incision is made in the iris to permit the stave to be lead therethrough. The stave is capable of being bent until its free end traverses the loop, and as the bending force is released the keeper member engages the loop thereby fixedly positioning the lens in the eye. The opposite side of the free end is capable of assisting in the insertion of the keeper member by camming against the loop.

17 Claims, 6 Drawing Figures

