

[54] INTRAOCULAR LENS IMPLANT AND METHOD OF LOCATING AND ADHERING WITHIN THE POSTERIOR CHAMBER

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[57] ABSTRACT

An intraocular lens for implanting in the posterior chamber of a human eye after an extracapsular extraction, the intraocular lens having adhesive means applied to its backside thereof, said adhesive means being applied either an annulus, around the outer perimeter of backside of the lens, or entirely over the backside of the lens, when implanted against the posterior wall, and has a tendency to effect tissue growth between said posterior wall and the adhesive means for effectively retaining the implanted intraocular lens in place; the adhesive means comprising either a biological glue, formed either as fibrin, comprised of an annular patch, or as a collagen, formed as an annular patch, or as a fibrin containing as an additive ingredient collagen particles, or being impregnated with lyophilized fibronectin, or the adhesive means may comprise a biological glue in the form of mussel glue, for adherence against the backside of the lens, either around its circumferential perimeter, or over the entire backside of the lens, during IOL implanting, or the adhesive means may comprise a non-biological glue, or said adhesive means may comprise a combination of either a biological and nonbiological glue for adherence of the IOL in place after implanting.

29 Claims, 3 Drawing Sheets

