

cohesive sheet material of a cross-linked biocompatible substance, said member being preformed to have the shape of an anteriorly incomplete capsular bag which includes a generally circular posterior wall defining a posterior capsule portion and a generally circular substantially centrally apertured anterior wall defining an annular anterior capsular flap portion, with said anterior capsular flap portion and said posterior capsule portion being connected to each other along their respective outer peripheries, and with said anteriorly incomplete capsular bag having predetermined physical or optical properties, or both, and said member further including a built-in intraocular lens constituted by a lens-shaped body having light-refractive properties and secured to a medial region of said posterior capsule portion of said member, said member thereby being adapted, when implanted into the part of the endogenous capsular bag of the eye that remains following an extra-capsular cataract extraction, to constitute a patch for covering and sealing a tear or rent in the endogenous posterior capsule and to automatically provide the implantation of an intraocular lens.

12. For use in connection with ophthalmic surgical procedures; a "spare part" adapted to be surgically introduced into an eye for the purpose of repair or reinforcement or replacement of a component of the eye, said "spare part" comprising a member made of a cohesive sheet material of a cross-linked biocompatible substance, said member being preformed to have the shape of an anteriorly incomplete capsular bag which includes a generally circular posterior wall defining a posterior capsule portion and a generally circular substantially centrally apertured anterior wall defining an annular anterior capsular flap portion, with said anterior capsular flap portion and said posterior capsule portion being connected to each other along their respective outer peripheries, and with said anteriorly incomplete capsular bag having predetermined physical or optical properties, or both, said member further including a built-in intraocular lens constituted by a lens-shaped body having light-refractive properties and secured to a medial region of said posterior capsule portion of said member, and said member further including a plurality of circumferentially distributed artificial zonular fibers made of a biocompatible cross-linked substance and each being attached at one end region thereof to a respective one of said anterior capsular flap portion and said posterior capsule portion in the outer peripheral regions thereof and extending generally radially outwardly of said anteriorly incomplete capsular bag, said artificial zonular fibers being adapted for connection at

their other end regions to the ciliary body of the eye, said member thereby being adapted, when implanted in the eye following an intracapsular cataract extraction, to constitute a replacement for the endogenous capsular bag of the eye and to automatically provide the implantation of an intraocular lens.

13. A "spare part" according to claim 11 or 12, wherein said lens-shaped body is adhesively bonded to the anterior surface of said posterior capsule portion.

14. A "spare part" according to claim 11 or 12, wherein said posterior capsule portion of said member has an opening therethrough bounded by a peripheral edge, and said lens-shaped body is located within the confines of said opening and is fused at its periphery to said posterior capsule portion along said peripheral edge of said opening.

15. For use in connection with ophthalmic surgical procedures; a "spare part" adapted to be surgically introduced into an eye for the purpose of repair or reinforcement or replacement of a component of the eye, said "spare part" comprising a member made of a cohesive sheet material of a cross-linked biocompatible substance, said member being preformed to have the shape of an anteriorly incomplete half-capsular bag which includes a posterior wall of generally semi-circular segment shape defining a half-circular posterior capsule portion and an anterior wall of a half-circular ring shape defining a half-annular anterior capsular flap portion having its outer circularly curved periphery connected with the circularly curved periphery of said posterior capsule portion, with said anteriorly incomplete half-capsular bag having predetermined physical or optical properties, or both, said member thereby being adapted, when implanted into the part of the endogenous capsular bag of the eye that remains following an extracapsular cataract extraction, to constitute a patch for covering and sealing a tear or rent in the endogenous posterior capsule and to constitute a part of a receptacle defined by the endogenous posterior capsule for an intraocular lens.

16. A "spare part" according to claim 1, wherein said posterior capsule portion is provided in its mid-region with an opening which imparts to said posterior capsule portion a curved strip-like configuration.

17. A "spare part" according to claim 16, wherein the width of said posterior capsule portion measured radially of said anteriorly incomplete capsular bag-like structure is greater than the corresponding width of said anterior capsular flap portion.

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