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the lens capsule of the human eye, the periphery of said supporting portion having a rounded shape for engagement with the inner surface of the outer periphery of the human eye lens capsule.

2. An intraocular lens in accordance with claim 1, wherein said optical portion has a diameter in the range of 3 mm to 7 mm.

3. An intraocular lens in accordance with claim 1, wherein said optical portion has a diameter of about 4.5 mm.

4. An intraocular lens in accordance with claim 2, wherein said supporting portion has an external diameter in the range of 9 mm to 14 mm.

5. An intraocular lens in accordance with claim 3, wherein said supporting portion has an external diameter of about 9.5 mm.

6. An intraocular lens in accordance with claim 1, wherein said supporting portion is shaped to provide corrective optical properties.

7. An intraocular lens in accordance with claim 1, wherein the surface of said lens facing the lens capsule posterior is non-spherically convex.

8. An intraocular lens for implant into the posterior capsule of a human eye comprising a central optical

portion of biconvex configuration formed of PMMA and having a diameter in the range of about 3 mm to 7 mm, and a relatively soft and relatively thin annular supporting portion surrounding said optical portion and secured thereto, said supporting portion being formed of a different material stable in the human eye selected from the group consisting of silicone and a hydrogel, said supporting portion being connected to said optical portion completely around its periphery and extending outwardly in a dish-shaped configuration to conform to said optical portion completely the lens capsule of the human eye after the nucleus thereof has been removed, said supporting portion having a diameter in the range of 9 mm to 14 mm and a rounded supporting periphery for engagement with the inner surface of the outer periphery of the human eye lens capsule.

9. An intraocular lens in accordance with claim 8, wherein said supporting portion is shaped to selectively refract light passing therethrough to provide optically corrective properties.

10. An intraocular lens in accordance with claim 8, wherein the surface of said lens facing the lens capsule posterior is non-spherically convex.

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