

[54] METHOD OF REPLACING AN EYE LENS

[76] Inventor: Rudolph S. Domino, 228 Plainfield Ave., Edison, N.J. 08817

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[58] Field of Search 3/13; 128/354, 321, 128/303 R; 623/6

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Primary Examiner—Ronald L. Frinks
Attorney, Agent, or Firm—Lerner, David, Lottenberg, Krumholz & Mentlik

[57] ABSTRACT

A method of replacing a human or animal lens is disclosed, along with a tool for use in such procedure and a flexible lens for use as an implant or transplant. The procedure includes the use of a horizontal capsulotomy incision to allow for the removal of the lens from the lens capsule without destruction or removal of any portion of the capsule. No sutures or other unnatural materials are required. A special tool for use in this procedure is disclosed which includes saucer-shaped gripping members which can grip and loosen the lens from the lens capsule and keep the capsule open during the transplant. The implanted lens, which may be of a soft material having a variable focus, is formed from an inert, non-toxic material. When a natural lens or a flexible artificial lens is utilized in the procedure, the natural constriction and relaxation of the ciliary muscles allows for the variation of the focus of the lens in a manner which closely approximates that of the original natural lens.

15 Claims, 3 Drawing Sheets

