

- [54] INTRAOCULAR LENS AND METHOD FOR MAKING SAME
- [75] Inventors: William LeMaster, Goleta, Calif.;
Dennis T. Grendahl, Excelsior, Minn.
- [73] Assignee: Surgidev Corporation, Goleta, Calif.
- [21] Appl. No.: 761,408
- [22] Filed: Aug. 1, 1985
- [51] Int. Cl.⁴ A61F 2/16
- [52] U.S. Cl. 623/6
- [58] Field of Search 623/6

- [56] **References Cited**
- U.S. PATENT DOCUMENTS**
- 4,596,578 6/1986 Kelman 623/6
- 4,605,409 8/1986 Kelman 623/6

- OTHER PUBLICATIONS**
- American IOL Lens Style Sheet (Dec. 29, 1981), 623-6.
- Rayner & Heeler Catalogue Lens Style Sheet (7/31/1978), 623-6.

Primary Examiner—Richard J. Apley
Assistant Examiner—James Prizant
Attorney, Agent, or Firm—Hugh D. Jaeger

[57] **ABSTRACT**

A colored ringed or rimmed edge intraocular lens for implant in either the anterior chamber, the posterior chamber or the cornea of the eye. The lens has a colorless or clear central region of a material such as polymethylmethacrylate (PMMA) and a peripheral surrounding portion of a dark material such as blue PMMA. Polysulfone can also be utilized. The lens can be fabricated by passing a clear rod of optical quality PMMA through an extrusion orifice and coating the circumference of the rod with a layer of predetermined thickness of colored, preferably blue PMMA or other compatible material. Other methods of fabrication can include the introduction of a suitable dye into the outer regions of the rod, or joining the clear central region to a ring of colored material by thermal or adhesive bonding or other known processes.

8 Claims, 10 Drawing Figures

