

[54] INTRAOCULAR LENS WITH CONVERGING AND DIVERGING OPTICAL PORTIONS

[76] Inventors: Jeffrey E. Koziol, 601 W. Central, Mount Prospect, Ill. 60056; Gholam A. Peyman, 535 N. Michigan Ave., Chicago, Ill. 60611

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Primary Examiner—Richard J. Apley
Assistant Examiner—James Prizant
Attorney, Agent, or Firm—Roylance, Abrams, Berdo & Goodman

[57] ABSTRACT

An intraocular lens for patients having macular degeneration. The intraocular lens comprises a first portion including a diverging lens, and a second portion including a converging lens. The converging lens provides the patient with substantially the same vision he or she had prior to implantation of the intraocular lens, i.e., the decreased visual acuity normally associated with macular degeneration, while providing unmagnified and unrestricted peripheral vision. The diverging lens, when combined with converging lens means located outside the eye (e.g. a spectacle lens), provides a magnified retinal image of a given object with increased visual acuity but a restricted visual field. Thus, the intraocular lens of the invention provides the patient with the choice of unmagnified but peripherally unrestricted vision or magnified but peripherally restricted vision.

20 Claims, 15 Drawing Figures

