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Nishi et al.

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[54] **INTRAOCULAR LENS HAVING ANNULAR GROOVE FORMED IN ITS PERIPHERAL PORTION**

4,676,792 6/1987 Praeger 623/6

[75] Inventors: **Okihiro Nishi, Katano; Yuji Sakka, Kitakyushu; Yoshiharu Yamada, Toyota; Akihiko Inuma, Gifu, all of Japan**

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[73] Assignee: **Menicon Co., Ltd., Japan**

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[21] Appl. No.: **945,145**

Primary Examiner—Randall L. Green

Assistant Examiner—Mary Beth O. Jones

Attorney, Agent, or Firm—Parkhurst, Wendel & Rossi

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[57] ABSTRACT

Related U.S. Application Data

[62] Division of Ser. No. 647,364, Jan. 29, 1991, Pat. No. 5,171,320.

An intraocular lens system adapted to be implanted within a generally circular opening in an anterior wall of the capsular bag which normally contains the crystalline lens of an eye. The intraocular lens system includes a lens body having an annular groove which is formed in a peripheral portion thereof in a plane substantially perpendicular to an optical axis of the lens body. The lens body includes an optically effective portion located radially inside the annular groove, and an anterior lens portion and a posterior lens portion located on respective anterior and posterior sides of the annular groove. The intraocular lens system is secured in position within the circular opening such that an annular flap portion of the capsular bag which surrounds the circular opening is accommodated within the annular groove in the lens body.

[30] Foreign Application Priority Data

Nov. 30, 1990 [JP] Japan 2-130340

[51] Int. Cl.⁵ **A61F 2/16**

[52] U.S. Cl. **623/6**

[58] Field of Search 623/5, 6

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4 Claims, 6 Drawing Sheets

