



US009351825B2

(12) **United States Patent**
Cumming

(10) **Patent No.:** **US 9,351,825 B2**
(45) **Date of Patent:** **May 31, 2016**

(54) **SEMI-FLEXIBLE POSTERIORLY VAULTED ACRYLIC INTRAOCULAR LENS FOR THE TREATMENT OF PRESBYOPIA**

(71) Applicant: **James Stuart Cumming**, Laguna Beach, CA (US)

(72) Inventor: **James Stuart Cumming**, Laguna Beach, CA (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **14/257,933**

(22) Filed: **Apr. 21, 2014**

(65) **Prior Publication Data**

US 2015/0182328 A1 Jul. 2, 2015

Related U.S. Application Data

(63) Continuation-in-part of application No. 14/143,612, filed on Dec. 30, 2013.

(51) **Int. Cl.**
A61F 2/16 (2006.01)

(52) **U.S. Cl.**
CPC **A61F 2/1613** (2013.01); **A61F 2002/1689** (2013.01)

(58) **Field of Classification Search**
CPC ... A61F 2/1629; A61F 2/1613; A61F 2/1648; A61F 2002/1689; A61F 2002/1681
USPC 623/6.38-6.44
See application file for complete search history.

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Primary Examiner — David H Willse

Assistant Examiner — Tiffany Shipmon

(74) *Attorney, Agent, or Firm* — Sheppard, Mullin, Richter & Hampton LLP

(57) **ABSTRACT**

An intraocular lens having a single-focus, acrylic optic and at least one semi-rigid, acrylic haptic connected to the optic. The intraocular lens can have a fixed longitudinal length, e.g., the same fixed length pre-operatively and post-operatively. The intraocular lens can resist deformation, despite contraction and relaxation of the ciliary muscle and fibrosis within the capsular bag, after implantation into the eye using, for example, by the semi-rigid haptics. The intraocular lens can be sufficiently flexible to be compressed from an original configuration to a compressed configuration for insertion into the eye through a small incision and return to the original configuration after implantation into the eye.

16 Claims, 2 Drawing Sheets

