US007350916B2

(12) **United States Patent**
**Hong et al.**

(10) **Patent No.: US 7,350,916 B2**
(45) **Date of Patent: Apr. 1, 2008**

(54) **INTRAOCULAR LENS**

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( * ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 133 days.

(21) Appl. No.: **11/397,332**

(22) Filed: **Apr. 4, 2006**

(65) **Prior Publication Data**

US 2006/0244904 A1 Nov. 2, 2006

**Related U.S. Application Data**

(60) Provisional application No. 60/668,520, filed on Apr. 5, 2005.

(51) **Int. Cl.**
***G02C 7/02*** (2006.01)
***A61F 2/16*** (2006.01)

(52) **U.S. Cl.** ..... **351/159**; 351/212; 623/6.11; 623/6.43

(58) **Field of Classification Search** ..... 351/159, 351/205, 212, 247; 623/6.11, 6.43–6.46, 623/6.54

See application file for complete search history.

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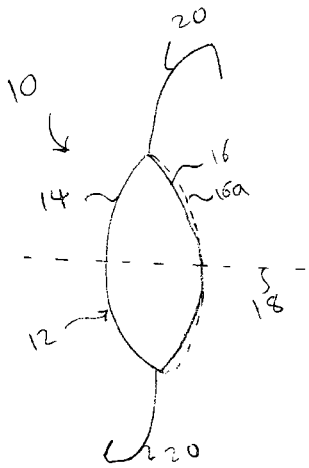
(57) **ABSTRACT**

In one aspect, the present invention provide an ophthalmic lens (e.g., an IOL) that includes an optic having an anterior optical surface and a posterior optical surface, where the optic provides an optical power in a range of about 16 D to about 25 D as measured in a medium having an index of refraction substantially similar to that of the eye's aqueous humor (e.g., about 1.336). At least one of the optical surfaces is characterized by an aspherical base profile such that the optic exhibits a negative spherical aberration in a range of about −0.202 microns to about −0.190 microns across the power range.

**18 Claims, 4 Drawing Sheets**