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Werblin

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(54) **INTRAOCULAR LENS SYSTEM**

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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 803 days.

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Related U.S. Application Data

(63) Continuation-in-part of application No. 12/499,613, filed on Jul. 8, 2009, now Pat. No. 8,066,769, which is a continuation-in-part of application No. 12/000,364, filed on Dec. 12, 2007, now Pat. No. 7,811,320, which is a continuation-in-part of application No. 11/698,875, filed on Jan. 29, 2007, now Pat. No. 8,066,768.

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

(57) **ABSTRACT**

(52) **U.S. Cl.**
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A multi-component intraocular lens implanted in an optical system of a human eye, includes one or more removable components. One component acts as a base lens and another component acts as the front lens. A front lens formed from two integral optical portions may be milled with tabs to establish an axial orientation of the front lens. The front lens may have a different diameter than the base lens. The base lens may have sharp or angled edges and the front lens may have rounded edges. Non-optical portions of the intraocular lens system may be manufactured from a material that is capable of releasing a pharmacological agent. A flange may be fused with the base lens to allow the front lens to engage with the base lens.

(58) **Field of Classification Search**
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USPC 623/4.1, 6.32, 6.34, 6.43, 6.49
See application file for complete search history.

15 Claims, 32 Drawing Sheets

