



(12) **United States Patent**
Chien

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(54) **PROGRESSIVE MULTIFOCAL OPTHALMIC LENS**

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351/159.06, 159.12; 623/6.24
See application file for complete search history.

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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 134 days.

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(51) **Int. Cl.**

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(57) **ABSTRACT**

A progressive multifocal ophthalmic lens includes at least three high power segments, at least three low power segments, and a plurality of progressive power segments. Shapes of the high power segments and the low power segments are sectors. The high power segments and the low power segments are disposed alternately along an arc direction of the progressive multifocal ophthalmic lens. Shapes of the progressive power segments are sectors. Two sides of each of the progressive power segments along the arc direction respectively connect one of the high power segments and one of the low power segments. The high power segments, the low power segments, and the progressive power segments form a progressive multifocal surface.

(52) **U.S. Cl.**

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(58) **Field of Classification Search**

CPC G02C 7/063; G02C 7/042; G02C 7/045; A61F 2/1618; A61F 2/1637

9 Claims, 10 Drawing Sheets

