

United States Patent [19]

Winthrop

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[54] **PROGRESSIVE POWER OPHTHALMIC LENSES**

[75] Inventor: **John T. Winthrop**, Wellesley, Mass.

[73] Assignee: **American Optical Corporation**, Southbridge, Mass.

[21] Appl. No.: **543,223**

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Related U.S. Application Data

[63] Continuation of Ser. No. 246,139, Apr. 2, 1981, abandoned, which is a continuation-in-part of Ser. No. 232,755, Feb. 9, 1981, abandoned.

[51] Int. Cl.³ **G02C 7/06**

[52] U.S. Cl. **351/169**

[58] Field of Search **351/168-172**

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Primary Examiner—John K. Corbin

Assistant Examiner—Scott J. Sugarman

Attorney, Agent, or Firm—Brumbaugh, Graves, Donohue & Raymond

[57] ABSTRACT

An ophthalmic lens for the correction of presbyopia having a progressive power surface generated by the line of intersection of an ordered sequence of intersecting spheres and cylinder surfaces, the cylinder surfaces being so chosen as to produce a uniform distribution of aberration and optical power for gently curving smooth optical effect.

10 Claims, 15 Drawing Figures

