

[54] **OPHTHALMIC LENSES WITH A PROGRESSIVELY VARYING FOCAL POWER**

2,915,856 12/1959 Maitenaz.....351/177 X
2,878,721 3/1959 Kanolt.....351/169

[72] Inventor: **Bernard F. Maitenaz**, Joinville-Le-Pont, France

Primary Examiner—David H. Rubin
Attorney—Robert E. Burns and Emmanuel J. Lobato

[73] Assignee: **Societe Des Lunetiers**, Paris, France

[57] **ABSTRACT**

[22] Filed: **Sept. 8, 1970**

Ophthalmic lens having a progressively variable focal power and comprising a refracting surface consisting at least partly of a surface having an umbilical curve, so called progression umbilical curve, along which the radius of curvature evolves so as to provide the desired progressive variation of the focal power of said lens, wherein the section of said refracting surface taken along a plane orthogonal to the umbilical curve, for a specific plane, is substantially a circle, and for any other orthogonal plane a curve of which the radius of curvature increases or decreases in the direction away from said progression umbilical curve according as the radius of curvature of said progression umbilical curve at the point of the orthogonal plane involved is respectively smaller or greater than the radius of the substantially circular section.

[21] Appl. No.: **70,405**

[30] **Foreign Application Priority Data**

Sept. 11, 1969 France.....6930906
Feb. 9, 1970 France.....7004474

[52] U.S. Cl.....**351/169, 351/177**

[51] Int. Cl.....**G02c 7/06**

[58] Field of Search351/169, 177; 350/189

[56] **References Cited**

UNITED STATES PATENTS

2,475,275 7/1949 Birchall351/169 X

9 Claims, 27 Drawing Figures

