

United States Patent [19]

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Glorieux

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- [54] **OPTICAL LENS FOR DIFFERENTIAL CORRECTION** 3,614,215 10/1971 Macta 351/168
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- [52] **U.S. Cl.** 351/168; 350/179; 350/180; 351/161
- [58] **Field of Search** 350/179, 180; 351/161, 351/168, 169
- [56] **References Cited**
- U.S. PATENT DOCUMENTS**
- 3,598,479 8/1971 Wright 350/180

FOREIGN PATENT DOCUMENTS

1279252 11/1961 France 351/161

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[57] ABSTRACT

An optical lens for differential correction comprising two transparent walls defining an enclosed space having therein a quantity of a transparent liquid with a predetermined optical index; the walls are so formed as to provide at the optical center a capillary space into which the liquid is aspirated when the lens is tilted at a predetermined angle for changing the power of the lens.

5 Claims, 12 Drawing Figures

