US005096285A

United States Patent [19]

Silberman

[11] Patent Number: 5,096,285

[45] Date of Patent: Mar. 17, 1992

[54] MULTIFOCAL MULTIZONE DIFFRACTIVE OPHTHALMIC LENSES

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[21] Appl. No.: 523,146

[22] Filed: May 14, 1990

[51] Int. Cl.[5] G02C 7/04; A61F 2/16

[52] U.S. Cl. 351/161; 623/6

[58] Field of Search ..... 351/160 R, 160 H, 161, 351/162; 623/6

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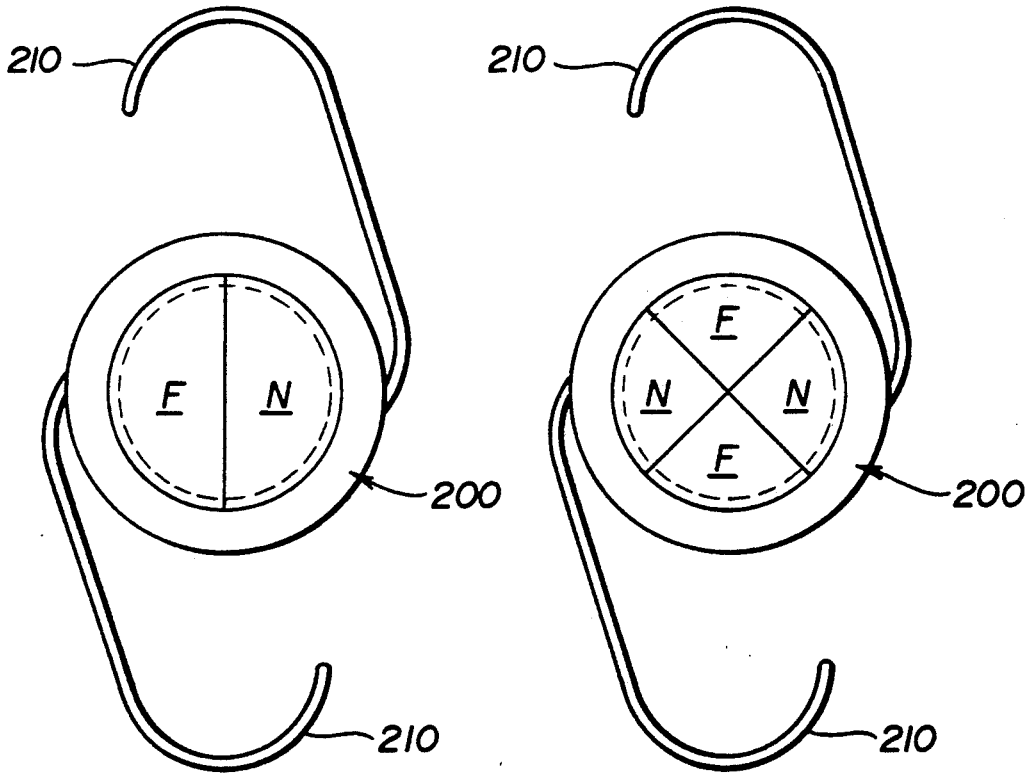
[57] ABSTRACT

Multifocal lenses for improving vision are disclosed. The lenses of the present invention use at least one diffractive zone located in a defined portion of the surface of a refractive lens to achieve highly efficient multifocal vision by providing nearly 100% efficiency in the +1 diffractive order. The lenses disclosed may be used for both contact lenses and intraocular lens as well as other vision correcting applications.

4 Claims, 4 Drawing Sheets