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Roffman et al.

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[54] **METHOD OF MANUFACTURING A SEGMENTED MULTIFOCAL OPHTHALMIC LENS**

[75] Inventors: **Jeffrey H. Roffman; Edgar Menezes; Robert LaBelle; John Scrivener**, all of Jacksonville, Fla.

[73] Assignee: **Johnson & Johnson Vision Products, Inc.**, Jacksonville, Fla.

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Related U.S. Application Data

[60] Continuation of Ser. No. 990,723, Dec. 15, 1992, abandoned, which is a division of Ser. No. 728,903, Jul. 10, 1991, Pat. No. 5,198,844.

[51] Int. Cl.⁶ **B29D 11/00**

[52] U.S. Cl. **264/1.8; 264/2.5; 425/808**

[58] Field of Search **264/1.7, 1.8, 2.5, 264/2.2; 425/808**

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[57] ABSTRACT

A method of making multifocal refractive contact lens to focus light on the retina of the eye uses a plurality of at least two of each alternating segments having different optical powers for distance vision and for near. The lens of the invention does not require orientation to produce adequate far and near vision and normal stereoscopic effect. One or both of the segments having the optical powers may have aspherical lens surface. Preferably, the lens has at least one aspherical lens surface and the segments are divided by an arcuate path going from the center of the lens to edge. Such a lens is manufactured by taking lens molds and cutting the molds from the edge through the center to the opposite edge along a predetermined path. The molds are cut so that the segments produced are interchangeable and can be fitted together to make a mold that can produce the multifocal refractive contact lens by molding.

11 Claims, 5 Drawing Sheets

