United States Patent [19]

Lindstrom

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[54] **EPICORNEAL LENS**

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[52] **U.S. Cl.** ..... **623/5;** 128/1 R; 128/305; 427/2

[58] **Field of Search** ..... 623/4–6, 623/66; 128/1 R, DIG. 21, 303 R, 305; 427/2

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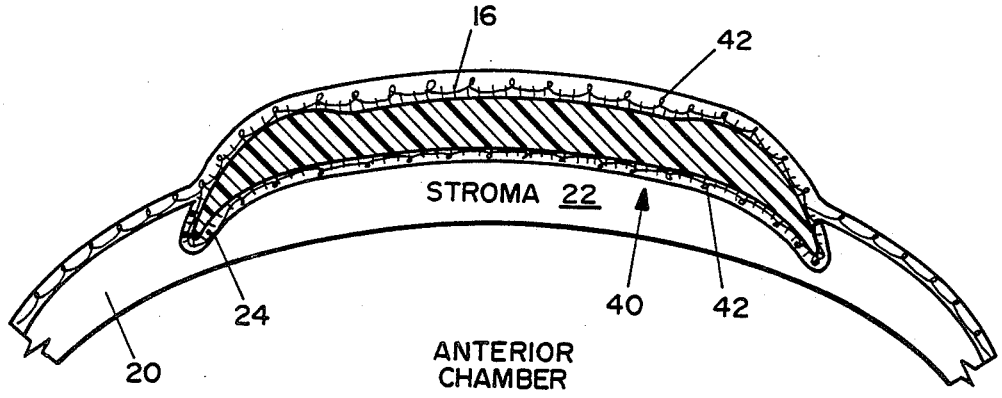
[57] **ABSTRACT**

A synthetic epicorneal lens for use in the treatment of refractive errors. The lens is of a plastic that is compatible with the cornea, may be gas permeable or metabolite permeable, and may be coated with a basement membrane material such as fibronectin or laminen. The lens can be made from polymers, hydrogel, silicone, fluoropolymer, cellulose acetate butyrate, or other like material.

13 Claims, 7 Drawing Figures