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(54) **SUPPLEMENTARY ENDO-CAPSULAR LENS AND METHOD OF IMPLANTATION**

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See application file for complete search history.

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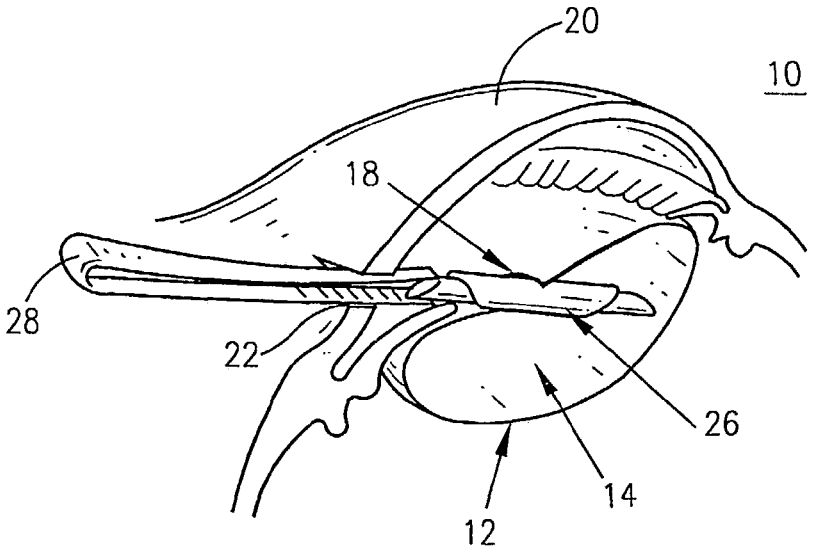
(57) **ABSTRACT**

The present invention is directed to a supplemental endo capsular lens (SECL) and the method of inserting and embedding the SECL within either a gel or polymer, inside the capsule of the crystalline lens, during phaco-ersatz or similar surgical procedures in order to supplement the refractive power of the eye with a view to (1) correcting ametropia while (2) maintaining a useable amplitude of accommodation.

62 Claims, 14 Drawing Sheets