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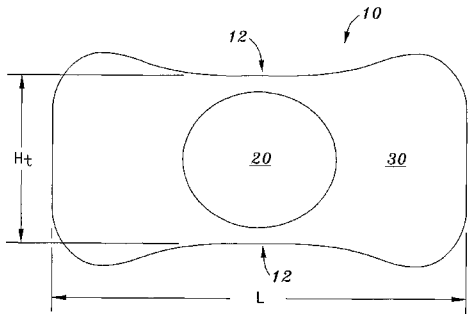
Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

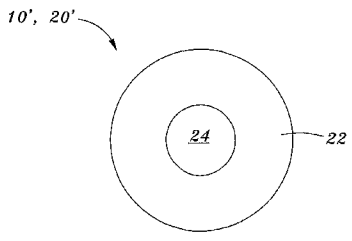
— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

[Continued on next page]

(54) Title: INTRAOCULAR AND INTRACORNEAL REFRACTIVE LENSES



A



B

(57) Abstract: An intraocular and intracorneal lens includes an optical portion and a corrugated haptic portion. Corrugations of the haptic portion may be linear or arcuate, and such corrugations may be present on both anterior and posterior surfaces of the haptic portion. The intraocular lens may be deformed before or during insertion in an eye of a patient, and may be positioned in the posterior chamber of the eye such that the optical portion is spaced anteriorly from the crystalline lens of the eye. In alternative embodiments, an intraocular or intracorneal lens of the invention may be inserted in the anterior chamber, or within the cornea, of an eye of a patient. An alternative intraocular lens includes an optical portion having a peripheral optic zone and an inner non-optic zone. Methods for correcting visual deficiencies of a patient, by insertion of an intraocular or intracorneal lens of the invention in an eye of the patient, are also disclosed.

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