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- a. a lens optic including an anterior surface and a plano posterior surface, said anterior surface including a Fresnel lens portion;
- b. said lens including a composite overlay material over the front surface of said Fresnel lens portion wherein said composite overlay material includes a material having an alternate bulk optical index of refraction; and
- c. a plurality of haptic loops which support the lens in the eye, extending outwardly from said lens optic, said loops including conductive portions connected to said alterable material for coupling electrical power applied from a source external to the eye.

- 2. A lens of claim 1 wherein said loops are closed and vaulted for supporting said lens in an anterior chamber of an eye.
- 3. A lens of claim 1 wherein said loops are open for supporting said lens in a posterior surface of an eye.
- 4. A lens of claim 3 wherein said loops are vaulted.
- 5. A lens of claim 1 wherein said index of refraction is alterable in accordance with the magnitude of an electrical field applied across said material.
- 6. A lens of claim 1 wherein said index of refraction is alterable in accordance with the amount of electromagnetic radiation applied to said material.
- 7. A lens of claim 1 comprising a source of piezo electricity internal to said loops for powering said alterable material.

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