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(54) **PRESBYOPIA TREATMENT BY LENS ALTERATION OF DISULFIDE BONDS AND REDUCTION**

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This patent is subject to a terminal disclaimer.

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USPC **424/78.04**

(58) **Field of Classification Search**
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See application file for complete search history.

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(57) **ABSTRACT**

This invention effects a change in the accommodation of the human lens affected by presbyopia through the use of various reducing agents that change accommodative abilities of the human lens, and/or by applying energy to affect a change in the accommodative abilities of the human lens. This invention both prevents the onset of presbyopia as well as treats it. By breaking and/or preventing the formation of bonds that adhere lens fibers together causing hardening of the lens, the present invention increases the elasticity and distensibility of the lens and/or lens capsule.

18 Claims, No Drawings