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(54) **ACCOMMODATING INTRAOCULAR LENSES AND ASSOCIATED SYSTEMS, FRAMES, AND METHODS**

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intraocular lens, Optics, Express, Aug. 21, 2006, pp. 7757-7775, vol.
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Related U.S. Application Data

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(57) **ABSTRACT**

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An intraocular lens for providing accommodative vision to a
subject includes a frame disposed about an optical axis, a first
optical element, a second optical element, and a connecting
element operably coupling the frame to the optical elements.
The frame comprises an anterior frame element and a poste-
rior frame element. The connecting element is configured to
convert a first displacement between the frame elements in a
direction that is substantially parallel to the optical axis into a
second displacement between the optical elements that is
substantially perpendicular to the optical axis. The second
displacement may be translational and/or rotation. In some
embodiments, the optical elements are two varifocal lenses.

(51) **Int. Cl.**

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623/6.32; 623/6.37

(58) **Field of Classification Search** 623/6.11,
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See application file for complete search history.

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25 Claims, 20 Drawing Sheets

