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(54) **FILLING AND IMPLANTING
ACCOMMODATIVE INTRAOCULAR
LENSES**

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2250/0003

See application file for complete search history.

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(57) **ABSTRACT**

Advances in filling apparatus, handheld tools, surgical techniques and intraoperative biometry for implanting and adjusting an accommodative liquid lens are disclosed. The lens may be attached to or retained within a handheld surgical tool, which can be fluidly connectable to a filling console to fill the lens with a liquid. In various embodiments, a filling console facilitates aspirating liquid out of the lens in order to ensure the absence of residual bubbles and filling of the lens with fluid during surgery, as well as during post-operative adjustments to the lens. Actuated by the surgeon, the filling console can aspirate fluid from the lens and inject fluid into the lens following insertion thereof.

12 Claims, 5 Drawing Sheets

