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Glazier

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(54) **MULTI-FOCAL PROSTHESIS, AND METHODS FOR MAKING AND USING SAME**

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See application file for complete search history.

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(57) **ABSTRACT**

A prosthesis is provided, which includes anterior and posterior lenses spaced from one another and aligned along an optical axis, and an optic body supporting the lenses in spaced relation to one another to establish a chamber between the lenses. Optically transmissive primary and secondary fluids are contained in the chamber. Orienting the optical axis in a horizontal orientation for far vision positions the optical axis through the primary fluid. Orienting the optical axis for near vision at a range of effective downward angles relative to the horizontal orientation positions the optical axis to extend through the primary fluid and the secondary fluid. The prosthesis may further include an internal plate between the lenses, which may be offset at an oblique angle relative to perpendicular to the optical axis. Related methods are also provided.

23 Claims, 14 Drawing Sheets

