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(54) **OPHTHALMIC LENS WITH MULTIPLE PHASE PLATES**  
  
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(58) **Field of Classification Search** ..... 351/161, 351/168, 171, 172; 359/565, 571; 623/6.3, 623/6.31  
  
See application file for complete search history.

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(57) **ABSTRACT**  
An ophthalmic lens for providing a plurality of foci has an optic including an anterior surface, a posterior surface, and an optical axis. The ophthalmic lens further includes a central phase plate, an intermediate phase plate surrounding the central phase plate, and an outer refractive region. The central phase plate comprises a first base curvature having a first radius of curvature and is configured such that the lens is able to direct light to a first focus and a second focus corresponding different diffraction orders of the phase plate. The intermediate phase plate is configured to change the overall resultant distribution of light directed to the second focus. The outer refractive region has no diffractive optical power and surrounds the intermediate phase plate. The outer refractive region is configured to direct light to the second focus and has an aspheric shape configured to reduce an optical aberration.

**13 Claims, 9 Drawing Sheets**

