

ABSTRACT

Atoric Surfaces to Minimize Secondary Astigmatism in Contact Lenses for the Correction of Astigmatism

The present disclosure relates to ophthalmic devices such as ophthalmic lenses. An ophthalmic device may comprise an aspherical first surface and an atoric second surface, disposed opposite the first surface and configured to be disposed adjacent an eye of a user. The second surface may comprise a first conic constant along a first meridian and a second conic constant along a second meridian. The ophthalmic lens may be configured to minimize spherical aberration along the first meridian and the second meridian.

Figure 1