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(54) Title: CONTACT LENS CONTAINING A DIFFRACTIVE OPTICAL ELEMENT AND RELATED METHODS

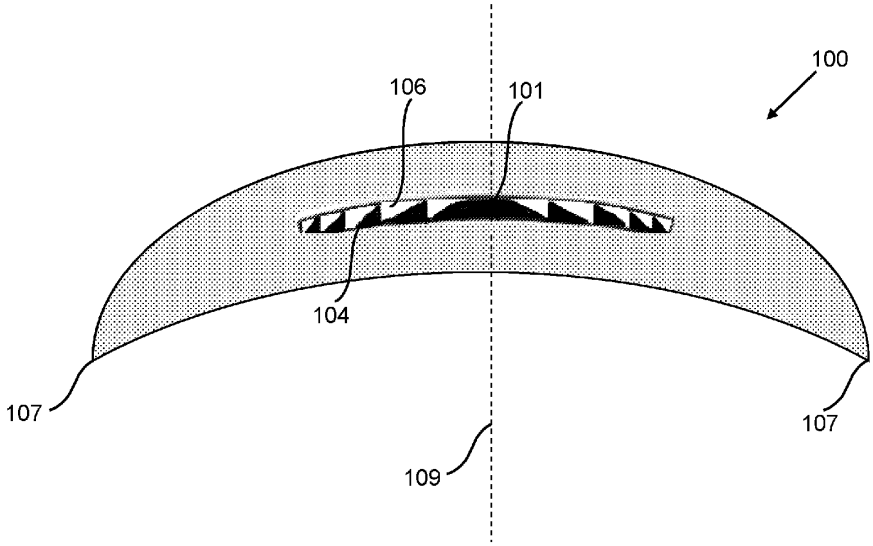


FIG. 2

(57) Abstract: The present disclosure relates to a contact lens (100) including a diffractive optical element (101), an optical filter (103), and an optic axis (109) passing through the optical filter and the diffractive optical element. The diffractive optical element (101) is configured to focus visible light. The optical filter (103) is configured to filter out light with a wavelength of 450nm to 495nm. The optical filter (103) may allow through light with a wavelength of 500nm to 750nm. The optical filter (103) may include one or more colorants. The present disclosure also relates to a method (600) of manufacturing a contact lens. The present disclosure also relates to a method (700) of correcting the vision of a user.

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