

[54] CONTACT LENS

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[58] Field of Search 351/160 H, 160 R, 161, 351/162

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[57] ABSTRACT

A contact lens is provided having a substantially concavo-convex lenticular carrier. The carrier has a palpebral anchor portion which is shaped for seating between the conjunctiva of the lower eyelid and the inferior sclera of the eyeball, so that the carrier is held in place with respect to the lower eyelid by the muscles of the lower eyelid. The carrier also has an optical portion which projects upwardly from the anchor portion and which has a reading vision correction area which lies below the pupil of the eye when the wearer of the lens is looking straight ahead and substantially covers the pupil when the eye is moved to a reading position. The junction between the anchor portion and the optical portion extends substantially along the margin of the lower eyelid. The optical portion may consist solely of a reading vision correction area, so that the lens acts as a "half eye" lens, or may also include one or more distance vision correction areas, so that the lens acts as a true bifocal or trifocal lens.

21 Claims, 21 Drawing Figures

