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(54) Title: CONTACT LENS WITH SHAPED PERIPHERY

(57) Abstract: Eye measurements taken on a patient being fitted for contact lens will include a refraction test and an additional measurement representing corneal depth variation on the surface of an imaginary cylinder having the same diameter as the lens. This information then used during lens manufacture to produce lens in which the perimeter is not circular and does not lie in a plane, but which drops backwards towards the eye at appropriate points to produce a saddle-shaped perimeter.

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