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(54) Title: OPTICAL LENS FOR SLOWING MYOPIA PROGRESSION

(57) Abstract: An optical lens for a human eye is disclosed herein. In a described embodiment, the optical lens is in the form of a contact lens 100 which comprises a plurality of alternating optic zones 102 arranged between a centre 104 and a periphery 106 of the contact lens 100. The alternating optic zones 102 include a plurality of annular vision correction regions CZ_1CZ_5 having first refractive powers for correcting myopic refractive errors to create a focused retina image. The first refractive powers are more hyperopic at the lens' periphery 106 than at the lens' centre 104. The optic zones 102 further includes a plurality of annular vision defocus regions DZ_1DZ_5 having second refractive powers for creating a defocused retina image, wherein the plurality of annular vision defocus regions (DZ_1DZ_5) are arranged to alternate with respective ones of the plurality of annular vision correction regions (CZ_1CZ_5). With such a configuration, the contact lens 100 is useful for slowing myopia progression.

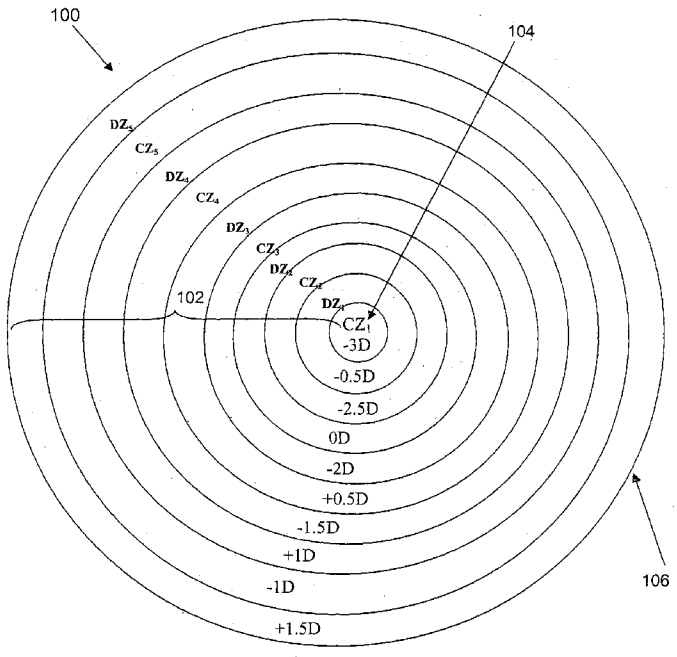

Figure 1 (-3D refractive error)

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