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(54) Title: COMPOUND MICROLENS DESIGN FOR HYPEROPIC PERIPHERAL DEFOCUS REDUCTION

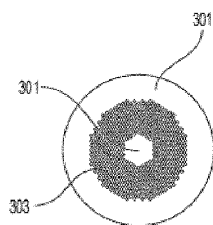


FIG. 3A

(57) Abstract: A spectacle lens is disclosed that includes compound microlenses arranged in a pat-
tern. A compound microlens includes an on-axis microlenslet and an off-axis sub-lenslet located on
the on-axis microlenslet. The off-axis sub-lenslet has a different optical functionality than the on-axis
microlenslet. By selecting the appropriate compound microlens design, the addition of microlenslets
with sub-lenslets around the periphery of the main structure optimizes the spectacle lens for myopia
prevention, vertigo prevention, or any other visual related condition.

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