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(54) Title: METHOD AND APPARATUS FOR EVALUATING EFFICACY OF OPHTHALMIC LENS IN CONTROLLING SIGHT-
EDNESS IMPAIRMENT

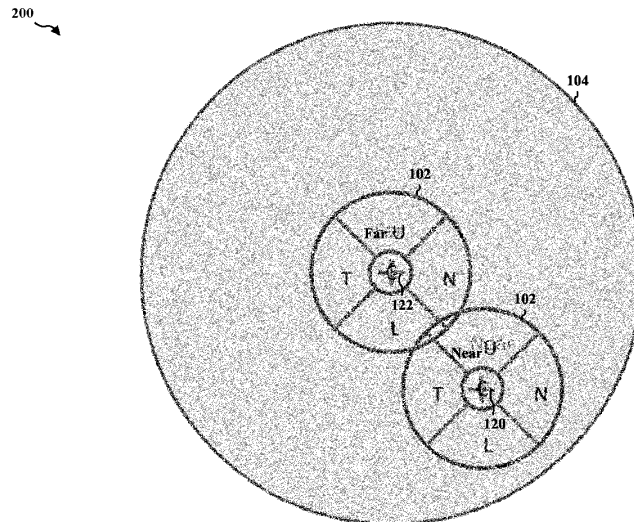


FIG. 2

(57) Abstract: A method to select or to conceive/design lenses is provided. The method may be applied to lenses having effect of myopia control, visual fatigue relief, etc. In one aspect, a predictive model that ranks myopia control solutions according to visual, behavioral, and biometric parameter is provided. The predictive model may be built based on the myopic eye characteristics, the behavior of the wearers, and the defocus induced by the myopia control solution. In another aspect, a method, a computer-readable medium, and an apparatus for evaluating the efficacy of an ophthalmic lens in controlling at least one sightedness impairment (e.g., myopia) of at least one wearer of said ophthalmic lens are provided. The apparatus may determine, based on a predetermined relationship model, the efficacy of the ophthalmic lens for at least one wearer from representative data corresponding to said at least one wearer.

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