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(54) Title: SYSTEMS AND METHODS FOR PREDICTING MYOPIA RISK

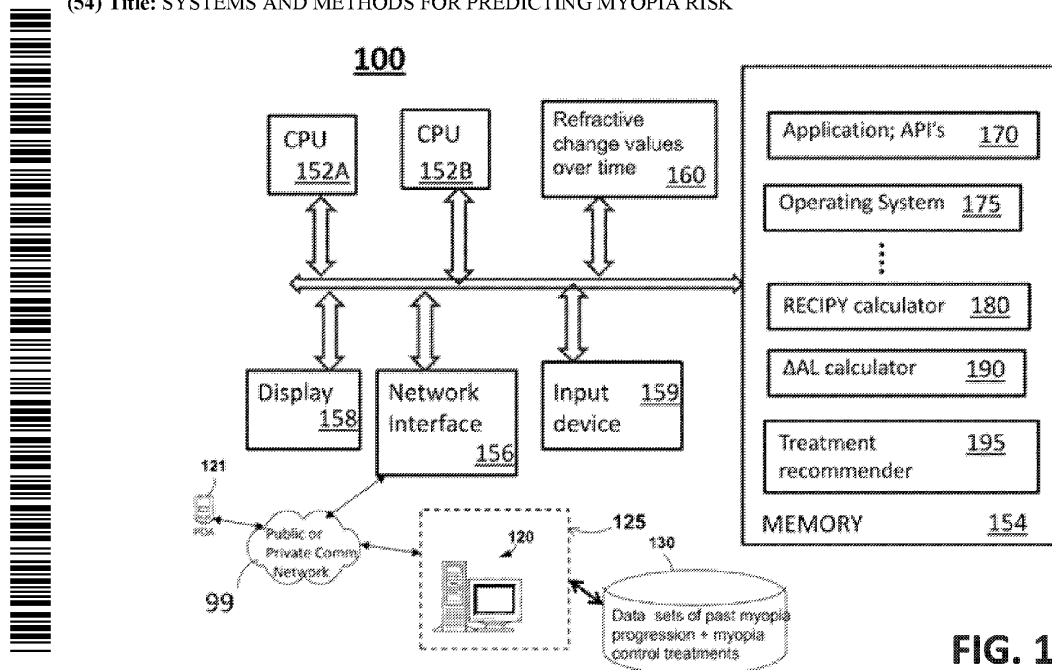


FIG. 1

(57) Abstract: A system and method including receiving, via an interface, demographic information and behavioral information associated with a subject; determining an incidence factor for the subject by weighting, according to a predetermined incidence formula, the demographic information and the behavioral information, wherein the predetermined incidence formula and weighting is derived from incidence data associated with a population; determining a progression factor for the subject by weighting, according to a predetermined progression formula, the demographic information and the behavioral information, wherein the predetermined progression formula and weighting is derived from progression data associated with a population, and wherein the predetermined progression formula is a function of the incidence factor; predicting and calculating based on the incidence factor and the progression factor, a myopia risk metric indicative of risk of the subject exhibiting myopia; and outputting the myopia risk metric as a numerical component.

[Continued on next page]

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