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(54) Title: DEVICE AND METHOD FOR DETECTING OPHTHALMIC AND/OR BRAIN DISEASES

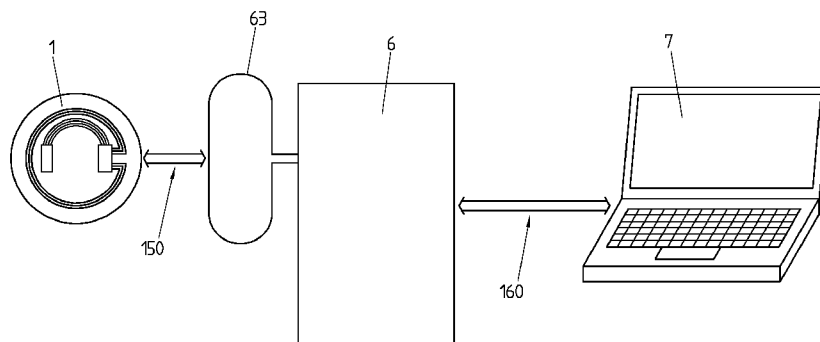


Fig. 2

(57) Abstract: System for monitoring at least one biomechanical ophthalmic parameter, the system comprising a measuring device (1) adapted to be placed on or implanted into an eye of a patient for measuring said at least one biomechanical ophthalmic parameter of said eye, a recording device (6) for obtaining from said measuring device (1) measurement data representative of the instant value of said at least one biomechanical ophthalmic parameter of said eye, wherein said recording device is adapted to obtain said measurement data at a predetermined frequency equal to or greater than twice the variation frequency of said at least one biomechanical ophthalmic parameter. Method comprising monitoring at least one biomechanical ophthalmic parameter of an eye of a patient using a measuring device (1) adapted to be placed on or implanted into an eye of a patient for measuring the at least one biomechanical ophthalmic parameter of the eye, obtaining from the measuring device (1) a plurality of measurement data representative of the value the at least one biomechanical ophthalmic parameter of the eye measured at a predetermined frequency, wherein the predetermined frequency is equal or greater than twice the variation frequency of the at least one biomechanical ophthalmic parameter, at least partly automatically analyzing the plurality of measurement data in order to determine an ophthalmic condition of the eye.

