

OPHTHALMIC LENS SYSTEM CAPABLE OF INTERFACING WITH AN EXTERNAL DEVICE

ABSTRACT

The present invention provides an energizable ophthalmic lens system capable of wirelessly interfacing with an external device. The energizable ophthalmic lens system may dynamically interact with a specified external device, wherein a user may operate one or more functionalities within the external device through the energizable ophthalmic lens system. The external device may be able to recognize eye gestures, which may comprise deliberate eye and lid movements. The external device may operate a functionality within the ophthalmic lens system, wherein the operation may be based on information received from the ophthalmic lens system. The ophthalmic lens system may comprise at least one energizable ophthalmic lens. Multiple ophthalmic lenses may be preferable where the functionality of either or both the ophthalmic lens system or the external device may occur based on relative position data or communication between lenses.

Fig. 3