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(54) Title: ELECTRO-SWITCHABLE SPECTACLES FOR MYOPIA TREATMENT

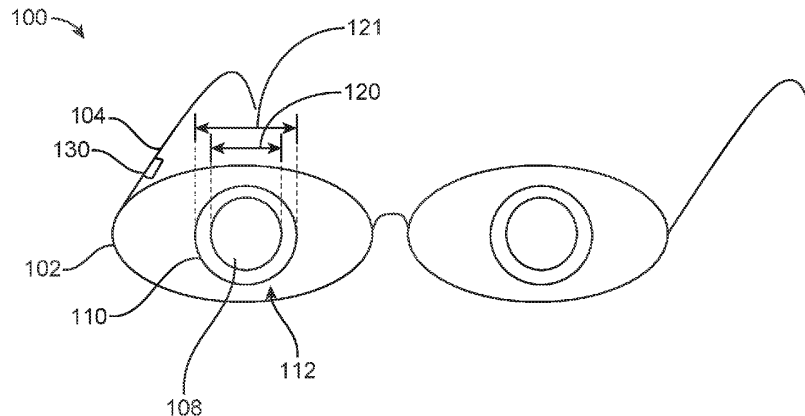


FIG. 1

(57) Abstract: An apparatus to treat refractive error of an eye comprises an electroactive component configured to switch between a light scattering or optical power providing configuration to treat refractive error of the eye and a substantially transparent configuration to allow normal viewing. The electroactive component can be located on the lens away from a central axis of the lens to provide light to a peripheral region of the retina to decrease the progression of myopia. The electroactive component can be located on the lens away from the central axis of the lens in order for the wearer to view objects through an optical zone while the electroactive component scatters light. The electroactive component can be configured to switch to the substantially transparent configuration to allow light to pass through the electroactive component and to allow the lens to refract light to correct vision and allow normal viewing through the lens.

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