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(54) **METHOD AND SYSTEM FOR ADAPTIVE VISION MODIFICATION**

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(52) **U.S. Cl.**
USPC **600/558**; 351/205

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See application file for complete search history.

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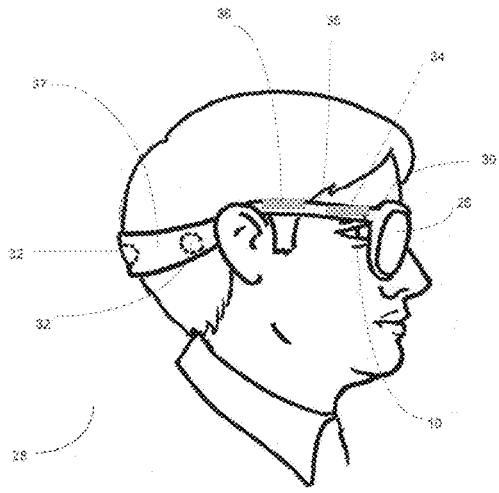
(57) **ABSTRACT**

Methods and systems for modifying or enhancing vision are described. In exemplary embodiments, neural or neuromuscular activity is analyzed to determine a focus or other quality of a visual input, and the focus or quality information used as a basis for controlling an adjustable lens system or optical system.

28 Claims, 12 Drawing Sheets