ELECTRO-ACTIVE SPECTACLES AND ASSOCIATED ELECTRONICS

Abstract

Aspects of the present invention provide electronics for controlling and synchronizing operation of electro-active lenses regardless of frame type, size or style. The controlling electronics can be contained within one or more electronic modules positioned within the frame temples and can be removable and reprogrammable and can include inductive charge regions. Conductive links between electronic modules and / or between left and right sides of the electro-active spectacles can include left and right upper and lower rim portions of the frame, the bridge, conductive layers of the electro-active lenses, the upper and lower grooves of the electro-active lenses, and / or wires embedded within any portion of the frame. Aspects of the present invention also provide chargers for recharging electro-active spectacles of any size, shape or style using adjustable inductive charging cradles to inductively charge electro-active spectacles of the present invention.

Figure 1