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(57) Abstract :
The present invention relates to an automatic flipper device (100) for accommodative therapy of eye. The device (100) consists of a spectacle frame (102) with couple of lenses (108) and a motor (114), coupled with a remote device featuring a display. The spectacle frame (102) prioritizes user comfort through a lightweight and ergonomic design, housing components to secure lenses (108), occluders, and a motor (114). The lenses are adjustable in dioptric power, offering versatility for therapy. The motor (114), intricately connected to the lenses (108), enables controlled adjustments. The remote device, equipped with a user-friendly interface, incorporates a screen, buttons (116), or touch interface for setting lens power, adjusting therapy parameters, and monitoring progress, including cycles per minute of accommodative facility. Additionally, the remote device features a control interface that allows users to send commands to the motor in the spectacle frame, enhancing the device's overall functionality for personalized and effective eye therapy.

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