

PRISM BASED DYNAMIC VISION TRAINING DEVICE AND METHOD THEREOF



G00002

ABSTRACT OF THE DISCLOSURE

A vision training device includes a fixed frame positionable in front of a wearer's face. The fixed frame defines two windows corresponding in position to the eyes of the wearer, through which light passes. An optic system includes a prism lens, which may have fixed power or variable power by changing shapes thereof. The prism lens is mounted to the fixed frame and is movable between first and second positions, wherein in the first position, light is allowed to pass in a first state with which the eyes are adducted, and in the second position, light is allowed to pass in a second state with which the eyes are abducted. A transmission system is coupled to and selectively drives the prism lens between the first and second positions. Thus, by repeatedly and cyclically moving the prism lens between the first and second positions, the eyes are forced to change between adduction and abduction thereby realizing training of vision.



162162