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(54) Title: EYESIGHT TRAINING DEVICE AND METHOD THEREFOR

(54) 发明名称: 一种视力训练装置及其方法

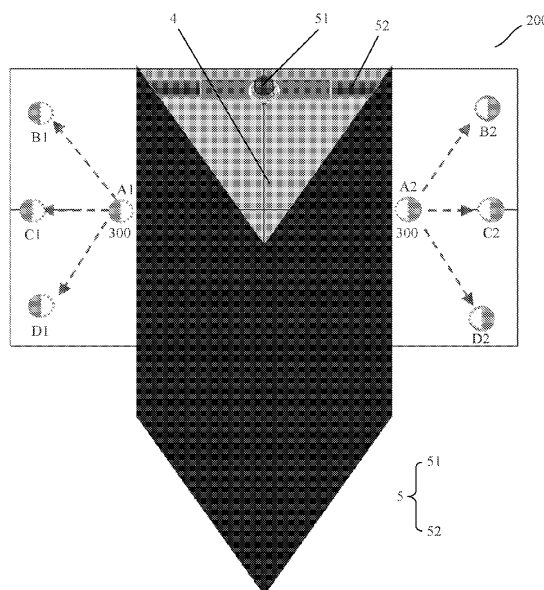


图 2

(57) Abstract: An eyesight training device and a method therefor; the device comprises: a binocular visual-field separation device (100), comprising a double separation plate (1) and an adjustment unit (5), wherein the double separation plate (1) comprises two separation plates movably connected to form an included angle, and the adjustment unit (5) is used for adjusting the included angle between the two separation plates; and a display screen (200), the double separation plate (1) separating the display screen (200) into a left visual field and a right visual field. The method comprises: arranging two separation plates at a near-screen side (3); respectively providing at least

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two movable training visual targets (300) on the left and right sides of the separated display screen (200); when opposite-direction fused images obtained by the visual center of the brain of a trained person overlap, the two training visual targets (300) respectively returning to first eye positions along original paths; and repeating the described steps at least twice. By means of completely new systematic training, the present device recovers and maintains the peak value of eyesight by performing early intervention on poor eyesight caused by myopia, and avoids, slows or prevents the occurrence and progression of false myopia and true myopia.

(57) 摘要: 一种视力训练装置及其方法, 装置包括: 双眼视野分隔装置(100), 包括双隔板(1)和调节单元(5), 双隔板(1)包括活动连接呈一夹角的两隔板, 调节单元(5)用以调节两隔板之间的夹角; 显示屏(200), 双隔板(1)将显示屏(200)分隔为左、右视野。方法包括: 设置近屏侧(3)两隔板; 在分隔的显示屏(200)左右侧分别提供可移动的至少两训练视标(300); 当被训练者的大脑视觉中心获得的反向融合图像出现叠影时, 两训练视标(300)分别原路径回到第一眼位; 重复上述步骤至少两次。本装置通过一种全新的系统性训练, 对近视所引起的不良视力进行早期干预来恢复和维持峰值视力。同时避免、减缓或阻止假性近视和真性近视的发生和发展。