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(57) Abstract :

A PORTABLE HEAD-MOUNTED DEVICE FOR VISUAL ACUITY TEST AND A METHOD OF TESTING VISUAL ACUITY ABSTRACT 5 A method (300) of testing visual acuity and colour blindness is provided. The method (300) includes switching (302) ON the portable head-mounted device (100), displaying (304) Snellen chart letters and digital colour blindness screening plates on TFT displays (102a/102b), allowing (306) a user to read Snellen chart letters displayed on the TFT displays (102a/102b), changing (308) Snellen chart letters displayed by the user using at least one of a push button (108a/b), observing (310) the displayed visual acuity measurement in an OLED display (106), testing visual acuity of the user based on reading of the Snellen chart letters by the user and determining a visual acuity of the user by recording a smallest readable line displayed on the OLED display (106), screening (312) the colour blindness of the user based on reading of one or more colour blindness images displayed to the user via one of the TFT displays (102a/102b). [FIG.3]

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