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(54) Title: LENS EXAMINATION METHOD AND APPARATUS

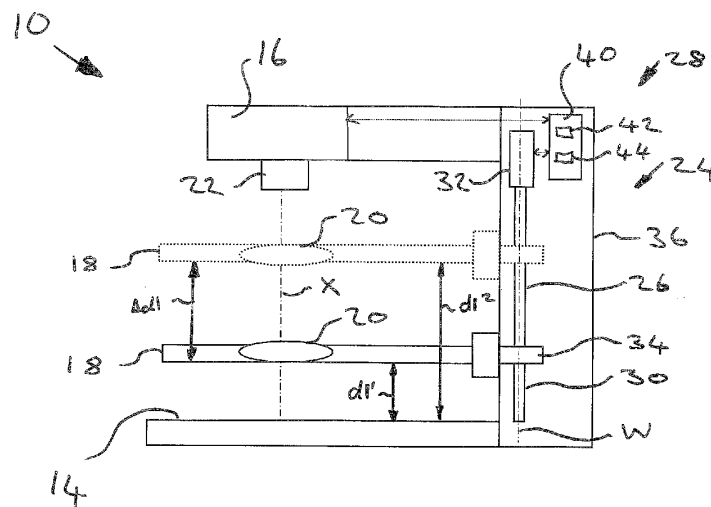


Figure 1

(57) Abstract: A test pattern is displayed on a planar display surface (14). The power of a test lens (20) is determined by measuring the magnification of the test pattern as seen through the test lens with the test lens at two different lens distances d_1^1 , d_1^2 from the display surface and calculating the power from the two magnification values and the difference in lens distance Δd_1 . Apparatus for carrying out the method includes a digital display screen (14) for displaying the test pattern and a digital camera (16) for capturing images of the test pattern through a test lens (20). The apparatus has a lens carriage (18) in which a test lens (20) is mounted to hold the test lens between the display screen and the camera. The lens carriage (18) is movable under control of an electronic control system (28) in a linear direction perpendicular to the display screen to vary the distance between the test lens and the display screen.

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