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(54) Title: SIDE-LIGHT DISPLAY ILLUMINATOR

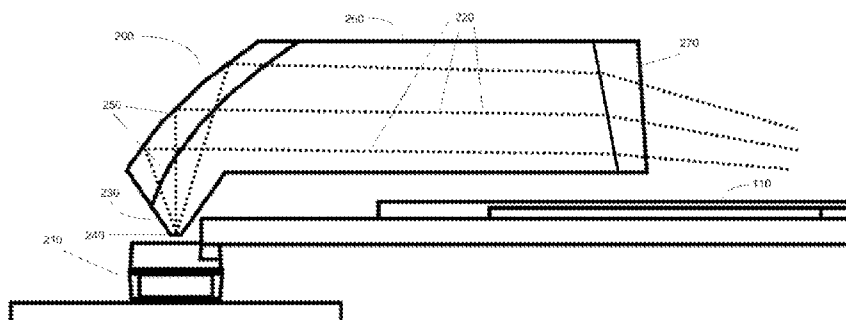


FIG. 8

(57) Abstract: A light guide for illuminating a display screen, including a vertical cone-shaped entrance surface including an aperture for admitting light beams emitted by an LED, a folding mirror for reflecting the admitted light beams at an angle of approximately 90°, and for horizontally collimating the admitted light beams, a horizontal guide for guiding the reflected light beams to an exit surface, and an exit surface positioned above a perimeter of a display screen for directing the guided light towards a portion of the display screen, the exit surface being tilted vertically from the horizontal at a slight angle to direct the guided light beams towards the display, and being shaped horizontally as a concave lens to spread the guided light beams horizontally over an angular expanse of the display screen.

