

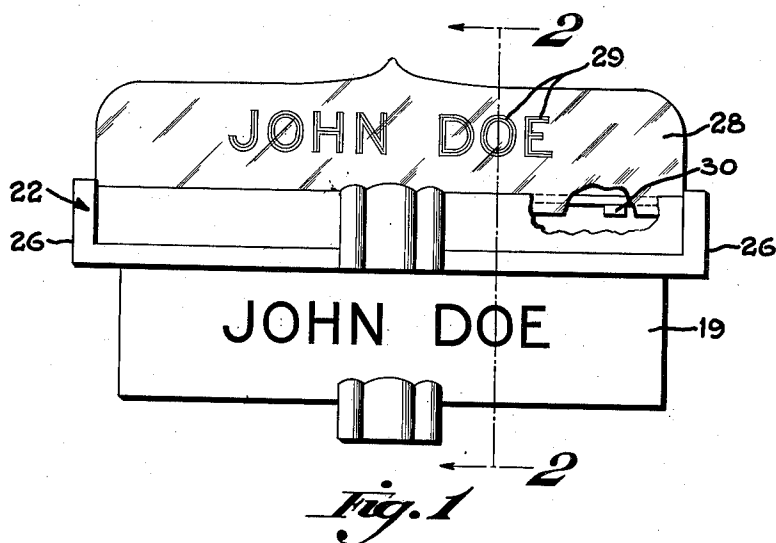
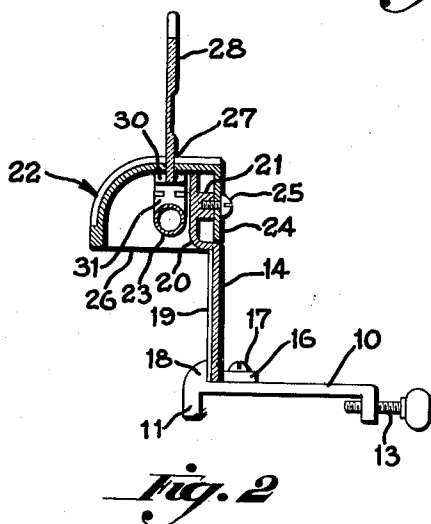
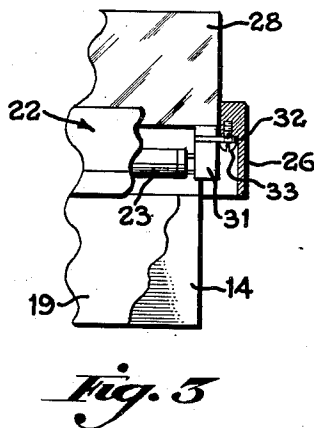
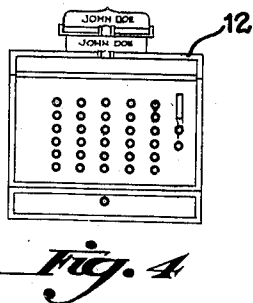
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C. M. KATSETOS

2,569,130

ELECTRICAL DISPLAY SIGN

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INVENTOR.
Christos M. Katsetos
BY
Ward, Aug. 16, 1951
ATTORNEYS

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ELECTRICAL DISPLAY SIGN

Christos M. Katsetos, Cincinnati, Ohio, assignor
to The Ohio Advertising Display Company, a
corporation of Ohio

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4 Claims. (Cl. 40—130)

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This invention relates to an electrical display and more particularly to an electrically operated sign designed to be mounted on a cash register or the like to provide an improved advertising display above the cash register and to illuminate the cash register.

It has been a principal objective of the present invention to provide an electrical display in which a single illuminating lamp or fixture operates both to illuminate the front of a cash register and to illuminate a decorative sign above the cash register.

A further objective of the invention has been to provide an easily and simply constructed demountable display for use with a cash register which illuminates the cash register.

A further objective of the present invention has been to provide an electrical display in which a single lamp serves a triple function of lighting both a permanent and an interchangeable display sign and also illuminating a cash register.

Briefly, the electrical display of the present invention includes an electrically operated light or lamp mounted above and in front of the cash register or other article to be illuminated by the lamp. Above the lamp is mounted a transparent sheet, the edge of which is illuminated by the lamp. Appropriate indicia may be indented in or on the sheet for catching the rays of the lamp.

A bracket supports the lamp above the cash register and that part of the bracket which is between the lamp and the top of the cash register forms an illuminated space for an interchangeable display card of less permanency than the transparent sheet. A fluorescent lamp is preferably employed although an elongated incandescent lamp may be used as the source of light rays.

The preferred embodiment of the invention provides a mounting above a cash register for a pair of signs, one of which is of a permanent nature and one which is readily interchangeable. A single lamp illuminates both signs, the permanent sign by means of light transmitted through the edge of the transparent material of the sign, the interchangeable sign directly. Moreover, the same lamp further serves to illuminate the cash register. Thus, both a permanent and a temporary sign are provided for a cash register, both illuminated by a lamp which further lights the front of the cash register.

With the above and other features and objects in view, the invention will now be described in more detail with reference to the accompanying drawings which represent a preferred embodiment of the invention and in which:

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Figure 1 is a front elevational view showing an electrical display constructed in accordance with the present invention.

Figure 2 is a sectional view taken along the line 2—2 in Figure 1.

Figure 3 is a fragmentary front elevational view, partly broken away and in section showing an end of the lamp and display mounting.

Figure 4 is a schematic view showing a cash register on which is mounted an electrical display constructed in accordance with this invention.

As illustrated in Figures 1 and 2 the electrical display includes a bracket 10 which is preferably of C-shape having a forward lower lip 11 which fits about the front of the top of a cash register 12 (Figure 4) or other device on which the display is to be mounted and a thumbscrew 13 (Figure 2) which may be tightened toward the lip 11 to attach the C-shaped bracket 10 to the cash register.

Above the C-shaped bracket 10 is mounted a flat vertical metal cross member or panel 14 which is attached to the bracket 10 by means of a foot 16. A machine screw 17 serves to attach the foot 16 to the bracket 10. An upper lip 18 projects upwardly from the forward end of the bracket 10. The cross member 14 is spaced backwardly from the lip 18 a short distance to accommodate a sign card 19 and hold the card 19 frictionally against the cross member 14. The cross member 14 and its foot 16 are elastic and slightly yieldable so that the cross member 14 and foot 16 can be bent away from the upper lip 18 to permit insertion of the card 19. When released, the cross member 14 springs forward to hold the card tightly against the lip 18. The cross member 14 acts as a backing member for the card 19 and extends lengthwise of the sign as shown in Figures 1 and 3.

The upper portion of the cross member 14 extends forwardly and upwardly as shown at 20 in Figure 2, and lugs 21 are affixed thereto at intervals along the length of the cross member.

Attached to the lugs 21 is a hood or lamp shade 22 of approximately U-shape which fits about a fluorescent lighting fixture 23 to shade the fixture. The shade 22 includes a right-hand arm 24 (Figure 2) which, together with the upper portion 20 of the cross member 14, forms a channel through which wiring (not shown) may be run to operate the display. Machine screws 25, which pass through openings drilled in the arm 24, are threaded into the lugs 21 to hold the shade 22 and the cross member 14 in assembled relation.

The shade 22 is preferably made of moderate-

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ly heavy cast metal and is closed at its ends 26. Along the length of the upper edge of the shade 22 a longitudinal slot 27 is provided into which fits a sheet 28 of transparent material preferably of high refractive index. The transparent sheet 28 is mounted parallel to the lighting fixture 23 so that light from the fixture impinges on the lower edge of the transparent sheet to be transmitted thereby. As indicated at 29 in Figure 1, etched or indented lettering or other indicia of an appropriate type appear on the sheet 28 and are illuminated by the lighting fixture 23. The sheet is frictionally held in place in the slot 27, and a series of short lugs or extensions 30 along the edges of the slot 27 maintain the sheet in a vertical position.

The fixture 23 is mounted at either end on supports 31 carried by metal clips 32. The clips 32 in turn are attached adjacent opposite ends of the shade 22 by machine screws 33. The lower edge of the transparent sheet 28 rests on and is supported by the lamp supports 31.

The single lighting fixture 23 serves a triple function. It illuminates the front of a cash register, as clearly indicated in Figure 4, and also illuminates display signs both above and below the fixture. The transparent sheet 28 with its indented indicia forms a handsome and permanent display above the cash register while the demountable card 19 forms a readily changeable display. The sheet 28, and the card 19 and the front of the cash register all are illuminated by the single lighting fixture 23 and yet the fixture is shaded by the hood 22 so that there is no glare from the fixture 23.

Having described my invention, I claim:

1. An electrical display which comprises an electrically operated light, a bracket carrying said light, clamping means attached to said bracket and spaced from said light, said clamping means being adapted to be attached to a device to be illuminated by said light, a hood over said light, said hood being constructed to shade said light and to direct illumination downwardly therefrom, a sheet of transparent material mounted above said light and projecting above said hood, said sheet bearing indented indicia adapted to be illuminated by said light, and a display panel mounted between said light and said device, said display panel being likewise illuminated by said light.

2. An electrical display which comprises an electrically operated fluorescent lamp, an elongated hood over said lamp, said hood being of substantially inverted U-shape cross section, said hood having lamp supports adjacent its ends for supporting said lamp, said hood having a longitudinal slot along its upper edge above said lamp, a sheet of transparent material mounted in said slot to receive light from said lamp along an edge

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of said sheet, said sheet bearing indented indicia illuminated by said lamp, said sheet resting on said lamp supports and being maintained in said slot in vertical position, a bracket attached to said hood, and clamping means attached to said bracket for securing said display to a cash register, said bracket being constructed and arranged to maintain said lamp in spaced relationship above the cash register to provide illumination for the cash register, and means for mounting a display card on said bracket between said lamp and said cash register.

3. In an electric display, adapted to be mounted upon the cash register, the combination of an elongated, tubular lamp comprising a light source, a hood over said lamp, said hood being constructed to direct the light downward, a longitudinal slot in the top of said hood, a sheet of transparent material seated in said slot, indicia indented in the face of said sheet and adapted to be illuminated by said light, a vertical panel attached to one side of said hood, said panel providing a backing for cards for illumination by said light, and a bracket secured to the lower edge of said panel, said bracket extending substantially at right angles from the panel on the side opposite the hood and being adapted to be fastened to the top of the cash register whereby the cash register is illuminated by said light.

4. A bracket for mounting a display sign on a cash register, the display sign including an elongated lamp and a hood over the lamp for directing light downwardly comprising; a yieldable panel secured to one side of the hood and extending downwardly from one edge of the hood, a yieldable foot at the lower edge of the panel, a C-shaped bracket adapted to embrace the top of a cash register, means for fastening the foot to the bracket, a lip extending upwardly from the upper face of the bracket adjacent the lower edge of the panel, whereby the panel may be sprung away from the lip and a display card inserted and clamped, upon release of the panel, between the lip and the panel in a position for illumination by the lamp.

CHRISTOS M. KATSETOS.

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