July 29, 1930. S. J. MONK 1,771,444

ILLUMINATING DEVICE

Filed March 23, 1928

Fig. 1.

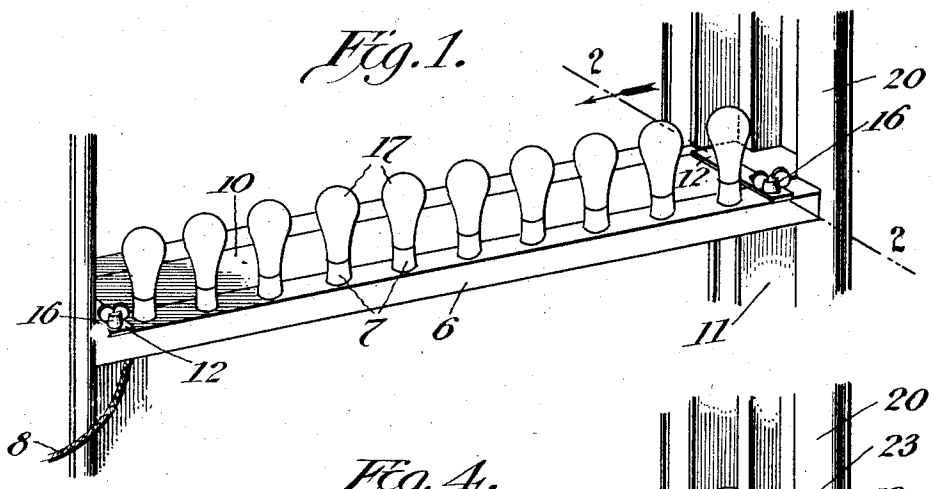


Fig. 4.

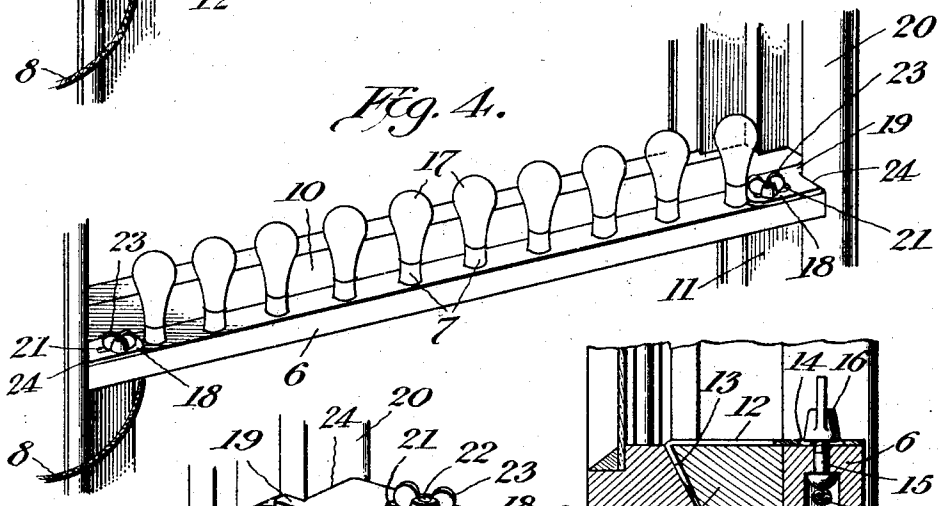


Fig. 5.

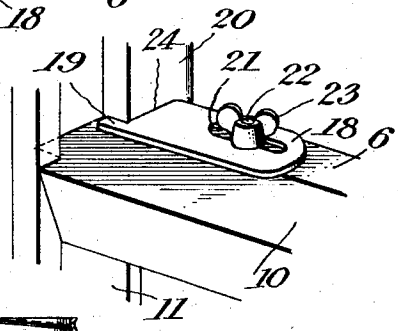


Fig. 2.

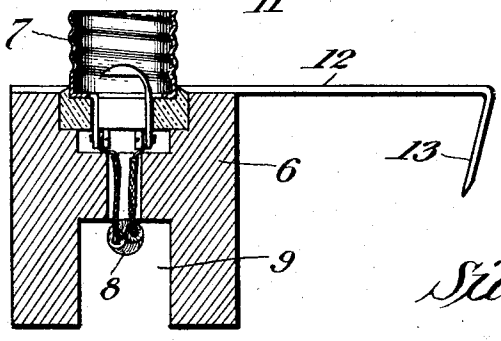


Fig. 3.

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UNITED STATES PATENT OFFICE

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ILLUMINATING DEVICE

Application filed March 23, 1928. Serial No. 264,147.

The custom of illuminating windows during the Christmas season and on other festive occasions is again becoming more and more wide-spread, and the object of the present invention is to provide a simple, safe, inexpensive and practicable device that can be mounted on a window and will produce an artistic illumination thereof.

In the accompanying drawings:

Figure 1 is a perspective view of the preferred embodiment of the invention in place on the upper rail of a lower window-sash.

Figure 2 is a cross sectional view taken on the line 2—2 of Figure 1.

Figure 3 is a cross sectional view through one of the lamp socket members and bar.

Figure 4 is a perspective view showing a slightly modified form of construction.

Figure 5 is a perspective view of one end of the same from the outer side.

In the embodiment disclosed in Figures 1, 2 and 3, a bar 6 is employed, which may be of any suitable material, said bar carrying a plurality of electric lamp socket members 7. These may be connected in any well-known manner to a feed wire 8 that preferably has its connecting terminal portions in a channel 9 formed longitudinally in the underside of the bar.

The said bar is adapted to abut against the upper rail 10 of the lower sash 11 of a window, and it may be secured thereto in different ways. Thus in Figures 1, 2 and 3, straps 12 are located across the ends of the bar and are provided with terminal down-turned hooks 13 with sharp edges that readily pass and engage between the abutting cross rails of the window, as shown in Figure 2. The ends of the straps that rest on the bar 6, are slotted, as shown at 14, and passing therethrough are upstanding threaded studs 15 that may be in the form of bolts with their heads located in the slot 9. Thumb nuts 16, threaded upon the upper ends of the studs, serve to clamp the straps firmly to the bar 6.

In using this device, lamps, as 17, are placed in the socket members 7 and the card is suitably attached to a source of electric current. The bar is abutted against the inner face of the upper rail 10 of the lower window sash and the straps are adjusted so that the hooks 13 will snugly engage over said rail. The bar is thus effectively secured in position and the lamps constitute a source of illumination in the window.

As a modification of the fastening means, attention is invited to Figures 4 and 5. The structure of the bar is the same as that above described, and therefore the same reference numerals are employed. In this case, however, the straps, designated 18, are located longitudinally on the ends of the bar 6, and terminate in hook fingers 19 adapted to engage behind the sash-retaining strips 20 of the window frame. The straps are provided with slots 21 through which the studs 22 pass and on said studs are threaded clamping nuts 23 that bear upon the said straps. The straps are wide enough to overlie the rail of the window sash and thus act as supports for the bar. Their ends 24 moreover abut against the window frame as shown and thus prevent endwise movement of the bar.

From the foregoing, it is thought that the construction, operation and many advantages of the herein described invention will be apparent to those skilled in the art, without further description, and it will be understood that various changes in the size, shape, proportion and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

What I claim, is:—

1. An illuminating means of the character set forth, comprising a supporting bar for location in a window frame alongside the inner side of the sash, a plurality of lamp holders carried by the bar, plates located over the top of the bar and having terminal portions that engage behind adjacent portions of the window structure to hold the bar against the inner side of the sash, and means for suspending the underlying bar from the overlying plates.

2. An illuminating means of the character set forth, comprising a supporting bar for location in a window frame alongside the inner side of the sash, a plurality of lamp holders carried by the bar, plates having slotted

portions located upon the upper side of the bar and hook portions that extend beyond the inner side of the same and engage behind adjacent portions of the window structure to hold the bar against the inner side of the sash, and fasteners passing through the slots and into the bar to secure the bar and plates together and to suspend the bar from the same.

3. An illuminating means for suspension in a window comprising a plurality of straps having downturned hooks for insertion in the joint between the rails of the upper and lower sash of the window, said straps being of a length to extend across the top rail of the lower sash and project beyond the same, a bar located beneath the projecting portions of the straps and having lamp holding socket members, and means for suspending the bar from the inwardly extending portions of the straps.

4. An illuminating means for suspension in a window comprising a plurality of straps having downturned hooks for insertion in the joint between the rails of the upper and lower sash of the window, said straps being of a length to extend across the top rail of the lower sash and project beyond the same, a bar located beneath the projecting portions of the straps and having lamp holding socket members, and suspending devices connected to the bar at spaced points and engaged with the inwardly projecting portions of the straps.

In testimony whereof, I affix my signature.

SIDNEY J. MONK.