July 11, 1939. F. LE M. PAGE ET AL 2,165,724

DISPLAY DEVICE

Filed Oct. 1, 1937

Fig. 1.

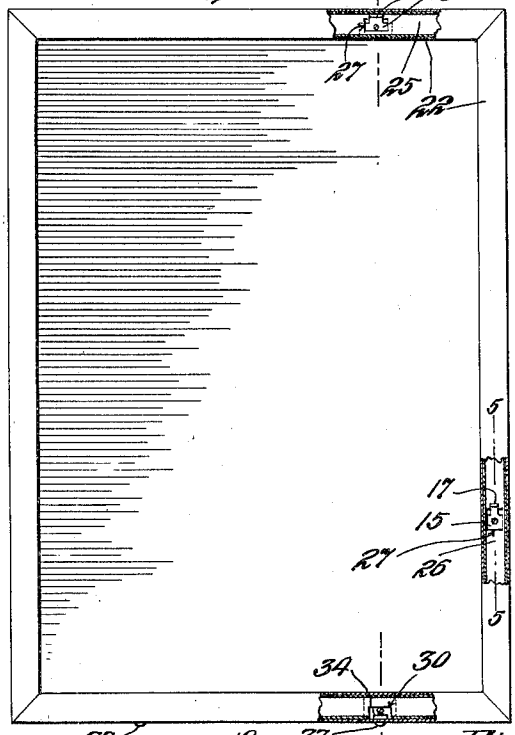


Fig. 2.

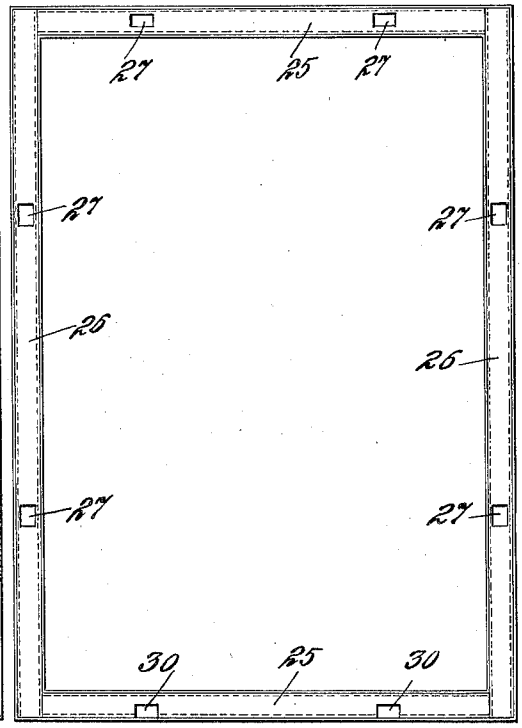


Fig. 3.

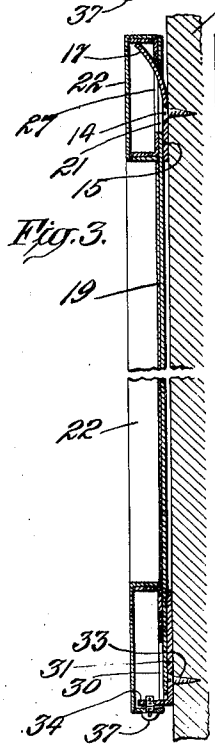


Fig. 4.

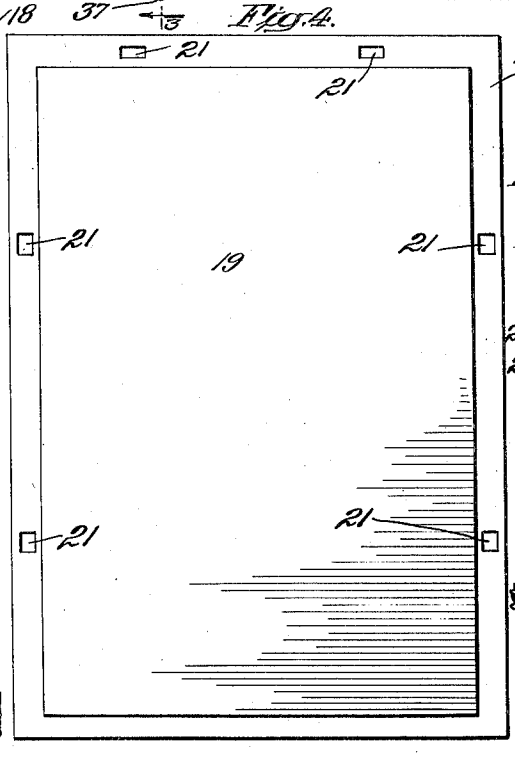


Fig. 5.

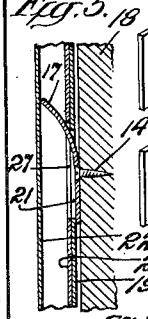


Fig. 7.

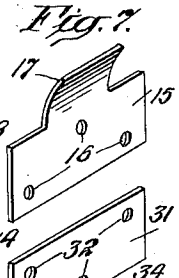
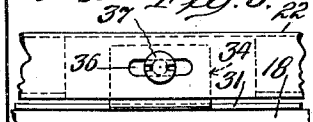


Fig. 8.

Fig. 6.



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DISPLAY DEVICE

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3 Claims. (Cl. 40—125)

This invention relates to display devices. More particularly it relates to devices for displaying posters and the like of the smaller and medium sizes.

It is the usual practice in putting up such posters, to paste the same either directly on the wall of a building or on a so-called "bill board" mounted on the building wall. This practice is objectionable for a number of reasons. For example, the posters are almost certain to become creased, wrinkled or otherwise mussed during transportation and pasting. In addition, the paster is apt to be somewhat hurried and careless, both in removing old posters and applying new ones, with the result that the poster is often not smoothly applied or is marred by excess paste or both. A further objection is that the display as a whole seldom presents a neat appearance even if the poster is properly applied. Still another disadvantage is that there is a considerable labor waste in that pasters, who must be more or less skilled in that particular work, lose a large amount of time in traveling from one location to another.

It is an object of the present invention to provide a display device such that posters and the like may be displayed in a neat and attractive manner and such that the above mentioned objectionable features are avoided.

With these and other objects in view, the invention consists in the features, combinations, details of construction and arrangements of parts which will first be described in connection with the accompanying drawing and then more particularly pointed out.

In the drawing—

Figure 1 is a view in front elevation, with parts in section, of a display device constructed in accordance with the invention;

Figure 2 is a view in rear elevation of the outer frame removed;

Figure 3 is a sectional view taken on the line 3—3 of Figure 1;

Figure 4 is a view in front elevation of the panel removed;

Figure 5 is a sectional view (enlarged) taken on the line 5—5 of Figure 1;

Figure 6 is a fragmentary bottom plan view (enlarged) showing a locking device, and

Figures 7 and 8 are perspective views (enlarged) of supporting and securing elements.

Referring to the drawing, the invention in its entirety includes a panel for receiving display matter, such as a poster; a frame providing a molding for said panel, and means whereby panel and frame may be removably and independently supported on a wall or the like.

While the supporting means may vary, in structures embodying the invention to what is now considered the best advantage, there will be provided supporting lugs capacitated to be secured to a wall, the panel and frame having cooperating elements for hanging the same on said lugs.

As here illustrated as an example, the top and side supporting members (Figure 7) comprise a flat portion 15, having a plurality of screw holes 16, and an outwardly curved lug portion 17. By means of screws 14 these supporting members 15—17 are secured to a wall 18 such, for example, as the wall of a building, with lug 17 extending upwardly and forwardly, i. e. outwardly, as appears in Figures 3 and 5. The several supporting members are so positioned as to cooperate properly with the supporting elements of panel and frame, as later referred to. While any suitable number of supporting lugs may be used, the drawing shows or indicates two for the top and two for each side.

The panel, in the embodiment here shown as an example, is conveniently formed of suitable sheet metal and comprises a flat, smooth panel portion or sheet 19 adapted to receive a poster or the like. Around the outer edge is a rim or margin 20. In the top and sides of this margin are a number of holes 21. These holes and their edges constitute elements cooperating with lugs 17 in supporting the panel, the panel being removably supported by hooking the holes 21 over the lugs. It will now be apparent that supporting elements 15—17 are so positioned on wall 18 as to accord with the position of holes 21. The holes 21 are conveniently made enough larger than lugs 17 to allow for minor inaccuracies and variations in the position of the latter.

While the frame may vary widely in construction, in the embodiment here illustrated as an example, the frame comprises a rectangular outer channel piece 22 conveniently formed in four parts fitted together at the corners. Fitting into this rectangular channel piece are two horizontal channel pieces 25 and two vertical channel pieces 26. These inner channel pieces 25, 26 may be secured in the outer channel piece 22 in any suitable manner, as by friction fit, soldering or welding. These various channel members are conveniently formed of metal and when assembled provide a box-like frame that serves as a molding for the panel. The outer channel piece

22 may have such ornamental or weather-resistant finish as may be desired.

In the embodiment here illustrated as an example, the rear face of the box-like frame is provided with openings 27 in the nature of sockets for receiving lugs 17, such holes and their edges constituting elements cooperating with lugs 17 in supporting the frame in place. The frame, like the panel, is hung in place by hooking holes 27 over lugs 17. As appears more clearly in Figure 3, at the top there is a double supporting contact. The top edge of a hole 27 engages the back curve of a lug 17 and the top edge of the lug is engaged by the upper wall of the box-like frame.

The invention in its entirety includes means for locking the device in place to prevent unauthorized removal. To this end, as here shown as an example, in the rear face of lower horizontal channel piece 25 are a plurality of notches 30, two being shown in the drawing. Secured to wall 18 in a position to correspond with these notches 30 are two brackets 31 having screw holes 32 for the attaching screws 33. These brackets have horizontally extending lugs 34 provided with threaded holes 35. In the bottom leg of the bottom part of the front channel piece 22 are slots 36 positioned to aline with holes 35 of lugs 34. When the frame is hung on lugs 17, lugs 34 extend into the box-like frame, as appears more clearly in Figure 3. Screws or bolts 37 are passed through slots 36 into holes 35 to secure the frame in place (Figure 3). As shown (Figure 6), the bolts 37 have heads constructed to take a special tool, in order to prevent unlocking by an ordinary wrench or screw driver. Moreover, the position of the securing elements is such that they are hidden from the casual observer. Slots 36 are elongated to allow for minor variations in the position of lugs 34.

In use, a number of panels in excess of the number of frames may be provided, such panels being interchangeable. Posters are pasted or otherwise applied to the panels at some central point. This permits due care and supervision in pasting and tends to avoid creased or wrinkled posters. The panel units, with the posters in place, are then transported to the respective points where they are to be displayed. The bolts 37 of a frame are removed, permitting the frame to be lifted off the supporting lugs 17. The panel then in place, bearing, for example, an obsolete poster, is lifted off the supporting lugs 17 and may be returned to the central station for proper removal of the old poster and subsequent application of a new poster. The interchangeable panel bearing the new poster is then substituted by hanging the same on lugs 17. Finally, the frame is hung back in place and locked by replacement of bolts 37.

With the construction described, not only may the posters be properly applied under suitable conditions and suitable supervision, but there is a substantial saving in labor costs. As the poster-bearing panels may be inserted by practically any authorized person, there is no necessity for skilled pasters to travel from location to location. Their services are required only at the central station where their full time may be utilized in pasting.

It is to be understood that the device is capable of use in ways other than according to the procedure described. But the latter is considered particularly advantageous and the device lends itself particularly to such plan of operation.

The device described also makes possible a neat and attractive display, the poster being framed by a molding ornamental in character and so constituted that none of the supporting elements are outwardly visible.

What is claimed is:

1. In a device of the character described, and in combination, a plurality of supporting elements comprising portions capacitated to be secured to a wall and outwardly extending lug portions, a panel for receiving a poster or the like, said panel having a plurality of holes therein for hooking over the lug portions of said supporting elements, whereby said panel may be removably hung on said wall, and a molding-like frame for said panel, said frame being box-like in cross section and having holes in the rear face thereof for hooking over the lug portions of said supporting elements, whereby said frame may be removably hung on said wall independently of said panel.

2. In a device of the class described, and in combination, a plurality of supporting elements capacitated to be secured to a wall, a panel for receiving a poster or the like, said panel having elements for co-operating with said supporting elements, whereby the panel may be removably hung on said wall, a molding-like frame for said panel, said frame having elements for co-operating with said supporting elements, whereby said frame may be removably hung on said wall outside of said panel, and releasable means for locking said frame against removal.

3. In a device of the character described, and in combination, a plurality of supporting elements capacitated to be secured to a wall, a panel for receiving a poster or the like, said panel having elements for cooperating with said supporting elements, whereby the panel may be removably hung on said wall, a molding-like frame for said panel, said frame being box-like in cross section and having elements for cooperating with said supporting elements whereby said frame may be removably hung on said wall outside said panel, a locking element comprising a portion capacitated to be secured to said wall and a lug having a threaded bolt hole and extending through a notch into the box-like frame, the frame having an opening in alinement with said bolt hole, and a bolt extending through said opening and threaded through said bolt hole.

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