June 12, 1956 J. A. MacINTYRE 2,750,245

PANEL FOR RADIO OR TELEVISION CABINET

Filed Feb. 8, 1954

Fig. 1.

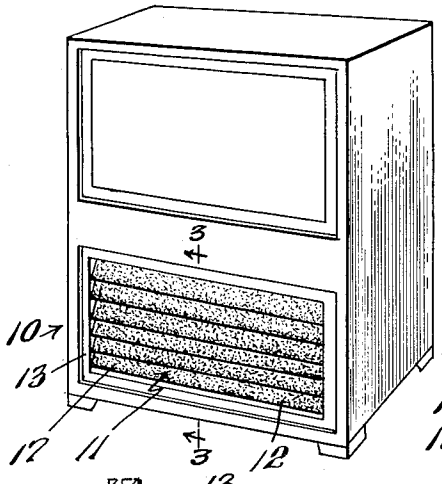
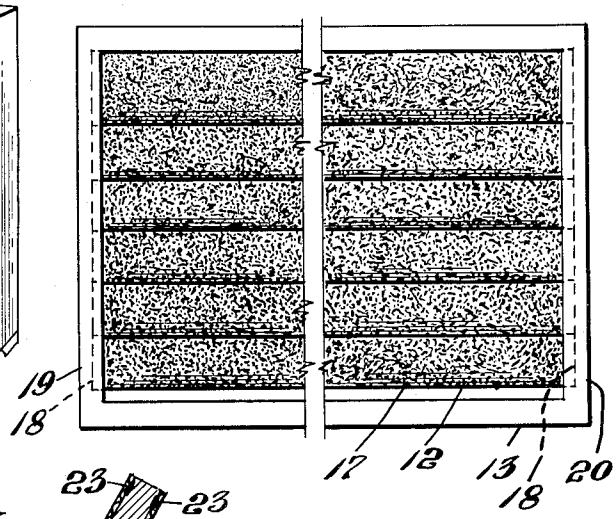


Fig. 2.



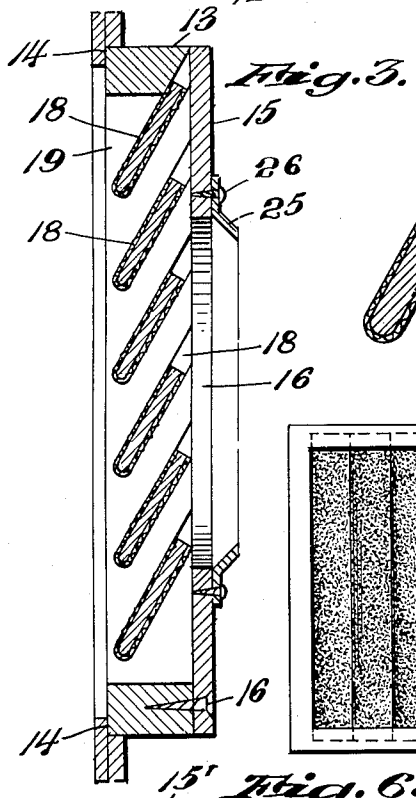


Fig. 3.

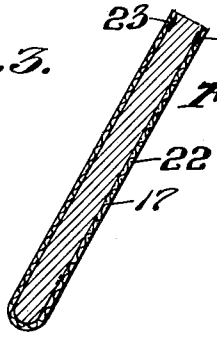


Fig. 4.

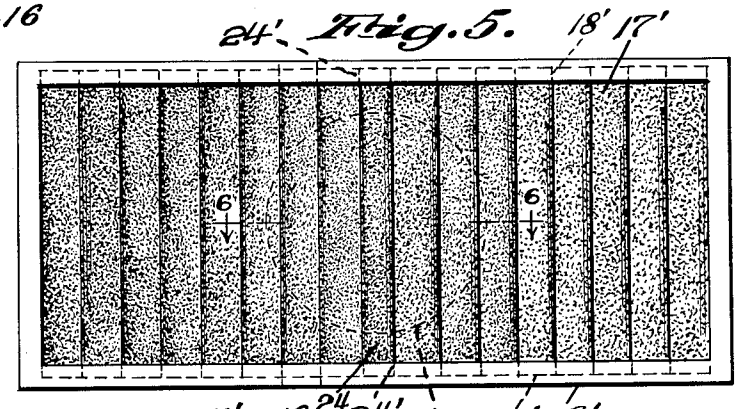


Fig. 5.

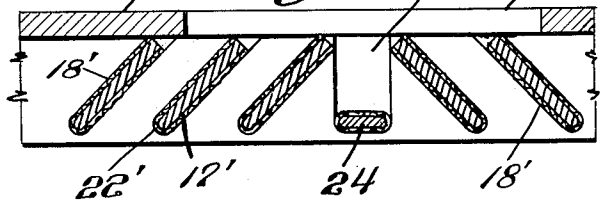


Fig. 6.

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PANEL FOR RADIO OR TELEVISION CABINET

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2 Claims. (Cl. 312—7)

This invention relates to a decorative panel, particularly a panel for the grill opening in a television, radio, and the like cabinet.

In the present styling of cabinets of the above character, the sounding board of the speaker unit extends across the grill opening in a side wall of the cabinet, and it is usual to stretch a decorative textile fabric across the opening in front of the sounding board. In many stylings a grill work is positioned across the opening in front of the fabric with a view to enhance the appearance of the cabinet.

An object of the invention is to provide a louver formation and yet obtain a textile like decorative panel for the grill opening of a cabinet.

Another object is to provide a sound absorbing and yet a decorative panel unit for a grill opening of a cabinet.

A more specific object is to provide a decorative panel in which the sounding board of the speaker unit will be hidden from view by louver boards having a sound absorbing cover thereon.

With these and other objects in view, the invention consists of certain novel features of construction as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawings:

Figure 1 is a perspective view of a television cabinet and the like embodying my invention;

Figure 2 is a front elevational view of the panel of the grill opening of the cabinet illustrated in Figure 1;

Figure 3 is a sectional view taken substantially along lines 3—3 of Figure 1 and shown on a larger scale;

Figure 4 is a cross section of a louver board;

Figure 5 is a view similar to Figure 2 illustrating a modified structure; and

Figure 6 is a sectional view taken along line 6—6 of Figure 5.

In carrying out my invention, I provide for closing the grill opening of a television cabinet or like cabinet in a manner to produce a decorative effect as well as to improve the acoustic properties of the panel. To this end, I arrange to provide a louver opening for the speaker unit and embellish the louver boards by a textile fabric covering the louver boards which has decorative properties which may be provided by a choice of weaves or fabrics having particular textile properties.

Referring to the drawings for a more detailed description of the invention, 10 designates a television cabinet having a so-called grill opening 11 in the lower portion of the front wall and which has a decorative panel 12 extending across the opening. In accordance with one embodiment of the invention, the panel 12 may be conveniently made as a unit and comprises an open frame 13 made sufficiently larger than opening 11 to extend across the same and overlap the wall portions at the edges of the opening. A rabbit 14 (see Figure 3) may be formed about the opening 11 to receive the frame 13. A sounding board 15 made of a suitable material and having a central opening 16 therethrough is secured to the rear side of the frame 13 in an appropriate manner as by way of example an adhesive supplemented by fastening screws 16.

In one adaptation (see Figures 1–4) a plurality of

equally spaced louver boards 17 are positioned to extend horizontally in partly overlapping echelon relation across the frame in front of the sounding board 15. These louver boards extend inwardly from the rear edge of the frame on a downward slant at approximately 30 degrees to the vertical, and these ends are received in grooves 18 formed in the vertical side portions 19, 20 of the frame 13 and extending inwardly from the rear edge of the frame to adjacent the front edge of the frame. Each louver board 17 is similar to another and has a cover of a textile woven fabric 22 which may be attached in place as at 23 by an adhesive or other suitable fastening. Each louver board may be secured to the walls of the grooves by frictional contact therewith and the textile material will be somewhat compressed and will resiliently press against the opposite walls of the grooves 18.

In Figures 5 and 6 I have shown a different arrangement wherein the louver boards 17′ extend in a vertical direction on each side of a centrally disposed divisional board 24 which is received at its ends in groove 24′ in the horizontal members of the frame 13′. The louver boards 17′ are similar to the louver boards 17 and are also covered in a similar manner with a textile woven fabric 22′ and are fractionally received in grooves 18′. The louver boards on the left of the board 24 slant towards the left at approximately 45 degrees to the sounding board 15′ and the louver boards on the right of board 24 slant towards the right at approximately 45 degrees to the sounding board 15′.

The complete decorative panel unit is adapted to be readily received in the rabbit 14 and attached to the walls thereof in an appropriate manner (not shown) and the speaker unit frame 25 may be attached about the edges of the opening 16 as by means of screws 26. Referring to Figure 3, it will be seen that the louver boards completely hide the sounding board and the spaces between the louver boards are open to opening 16 so that the sounds from the speaker unit may be emitted through said spaces.

It will now be apparent that I have disclosed an ornamental panel for a grill opening in a cabinet which may be conveniently made in unit form and which is adapted to mass production, thus providing a comparative saving in cost of assembling.

I claim:

1. A cabinet having an opening extending through one side wall thereof, an open frame about said opening, said frame having a plurality of equally spaced grooves therein at opposite sides thereof, said grooves extending inwardly on a slant from one side of said frame, a plurality of louver boards extending across said frame with the ends of said louver boards being received in said grooves, a sounding board extending across the frame covering the open ends of said slots to secure the louver boards in said grooves, each of said louver boards being enclosed in a textile fabric covering.

2. A cabinet according to claim 1 wherein a centrally disposed board extends across said frame, and said grooves on one side of said centrally disposed board are slanted in one direction, and the grooves on the other side of said centrally disposed board are slanted in the other direction.

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