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J. O. VAN AUDOL

1,912,416

FINISHING PANEL

Filed March 24, 1930

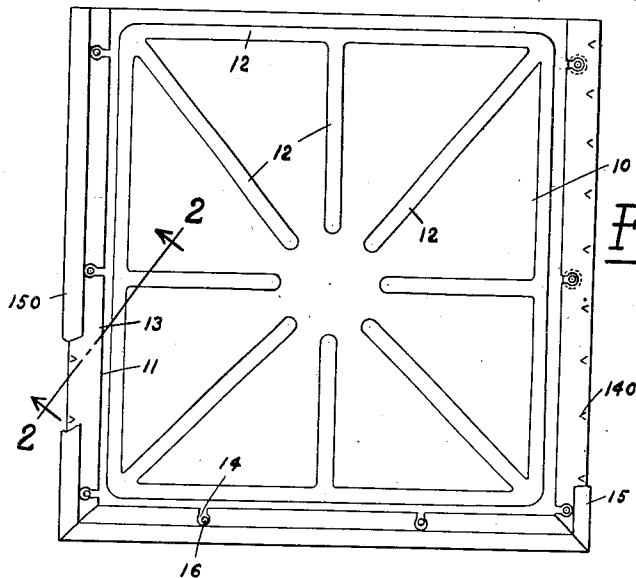


Fig. 1.

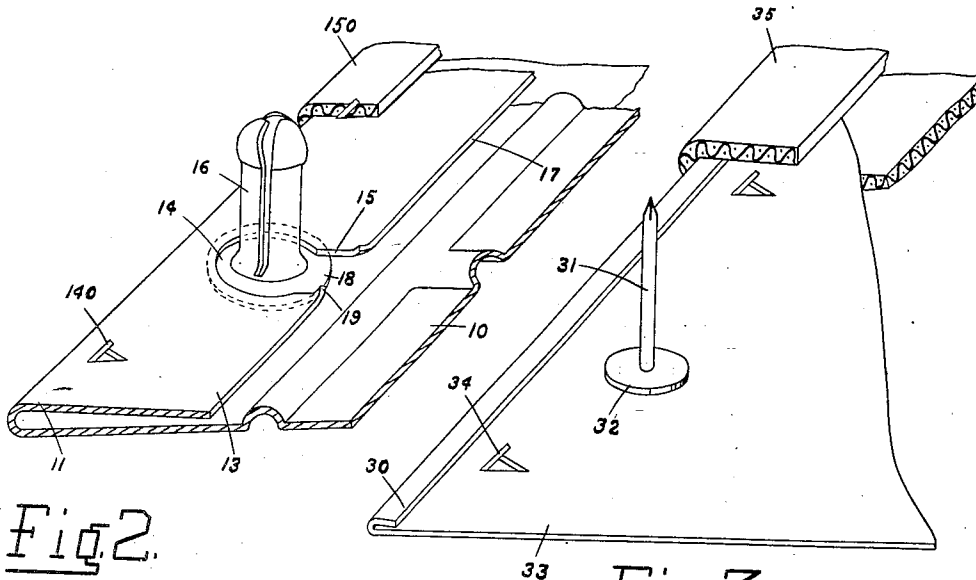


Fig. 2.

Fig. 3.

Inventor
Joseph O. Van Audol

By *Murray and Zugel*

Attorneys

UNITED STATES PATENT OFFICE

JOSEPH O. VAN AUDSOL, OF CINCINNATI, OHIO, ASSIGNOR TO THE RANDALL COMPANY,
OF CINCINNATI, OHIO, A CORPORATION OF OHIO

FINISHING PANEL

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This invention relates to finishing panels of the character used in connection with automobile doors and bodies and is of the same general character as the finishing panels shown in the abandoned application to Kingston, Serial No. 429,427, filed February 18, 1930.

An object of the invention is to provide a sheet metal body adapted to support and carry suitable covering or finishing material and means for attaching the composite panel to the supporting structure.

Another object is to provide a simple, inexpensive panel for the purpose indicated.

Another object is to provide a panel of the character indicated that may be supplied with suitable attachment means, whereby the panel may be applied to all steel supporting structures, or to wooden under structures, both of which types of construction are commonly employed in the automobile industries.

These and other objects are attained by the means described herein and disclosed in the accompanying drawing, in which:

Fig. 1 is a plan view, parts being broken away showing a panel embodying the invention.

Fig. 2 is an enlarged sectional view of line 2—2 of Fig. 1.

Fig. 3 is a fragmental perspective view showing a modified form of the device.

The body 10 is preferably of sheet steel or other sheet metal and has its edges turned inwardly as indicated at 11 for providing a reinforced edge. The central portion of the panel is preferably corrugated as indicated at 12, to further reinforce or strengthen the panel. The inturred edges or flanges 13 are provided at intervals with suitable impaling prongs 140 upon which the finishing material 150 may be secured. The finishing material may be in the nature of fabric, leather, et cetera.

At intervals along the flanges 13 there are provided suitable apertures 14 that communicate with slots 15. The slots 15 serve as ways for the insertion of fastening devices 16 into the apertures 14. Preferably the inner edges 17 of the flanges 13 contact the

body 10 of the panel and thereby serve to preclude separation of the fastening members 16 from the pockets provided by reason of the apertures 14. The fastening devices 16 are preferably provided with a flanged base 18 that may be movably or floatingly retained between the flange 13 and the body 10 to permit self-adjusting of the fastening devices 16 to the various complementary fastening members intended to cooperate with the fastening members 16. The fastening members 16 may be of the glove fastener variety and the complementary member should be of a character that would cooperate therewith. Preferably the portions of the flanges adjacent the junction of the slots 15 and the edges 17 of the flange 13 are turned upwardly to form lugs as indicated at 19, whereby to facilitate introduction of the flanges 18 on the fasteners between the flanges 13 and the body 10.

In the modification shown in Fig. 3 the flange 30 is considerably narrower than the flange 13 shown in Fig. 2 and fastening devices 31 may comprise nails, the heads 32 of which are spot welded or otherwise secured to the body 33 of the panel. Suitable impaling prongs 34 may be formed either in the body 33 or if desired, the flanges 30 may be made sufficiently wide to permit the impaling members 34 to be formed in and from the flanges 30. The covering material 35 is held in position over the vehicle body 33 by means of the impaling members 34 in the same manner in which the impaling members 140 retain the finishing material 150 in position in the forms of device shown in Figs. 1 and 2.

What is claimed is:

1. As a new article of manufacture a finishing panel comprising an apertured sheet metal portion turned upon itself to provide a spaced leg, a rigidly extended fastener having a base disposed for shifting movement in the aperture and beneath the spaced leg, and integral impaling means on the sheet metal portion disposed outwardly of the fastener and adapted to secure a cover on a surface of the panel.

2. A composite finishing panel comprising a sheet metal body, a covering material ex-

tending over the outer side of the body, means spaced from the edge and extending laterally from the opposite side of the body for mounting the panel on a supporting structure, and separate comparatively short impaling means for the covering material said impaling means being closer to the edge of the body than the mounting means, whereby the covering material may be tightly stretched over the outer side of the body without interference by the comparatively long mounting means.

3. A composite finishing panel comprising a sheet metal body, a covering material extending over the outer side of the body, fixedly attached rigid mounting means spaced from the edge and extending laterally from the opposite side of the body for mounting the panel on a supporting structure, and separate comparatively short impaling means for the covering material said impaling means being closer to the edge of the body than the mounting means, whereby the covering material may be tightly stretched over the outer side of the body without interference by the comparatively long mounting means.

4. A finishing panel comprising a sheet metal body having inturned edges and corrugations centerward of said inturned edges, and having fastening means and integral short impaling lugs projecting from one side thereof, the short impaling lugs being located closer to the edge of the body than the fastening means and being of such length as to permit mounting of the panel without interference by the lugs, and a covering material extending over the opposite side of the body and having its edges turned over the body edges and secured upon the impaling lugs.

In testimony whereof, I have hereunto subscribed my name this 19th day of March, 1930.

JOSEPH O. VAN AUDOL.