May 24, 1932. H. G. KELLOGG 1,860,250

GARNISH MOLDING

Filed April 22, 1929

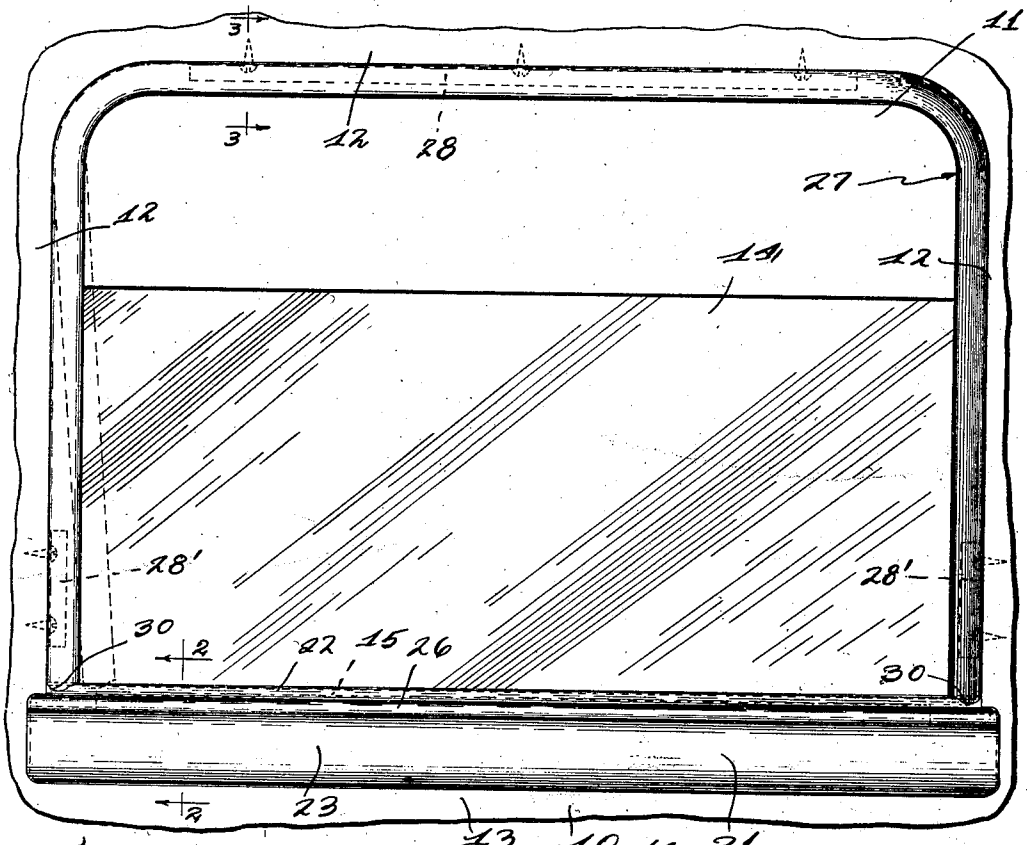


Fig. 1.

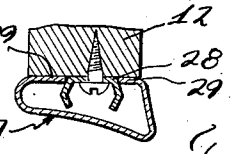


Fig. 3.

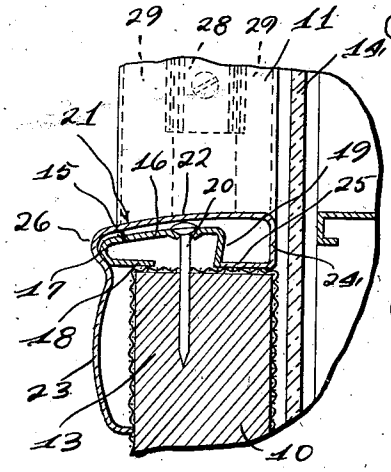


Fig. 2.

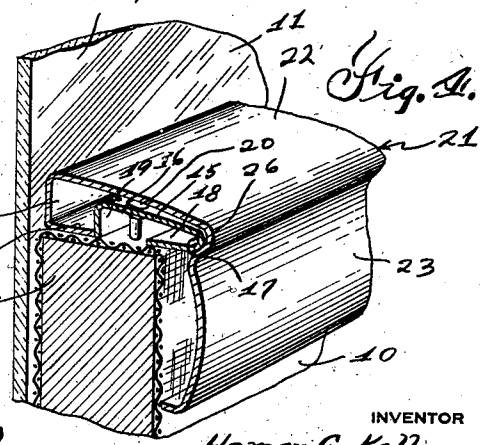


Fig. 4.

INVENTOR
Homer G. Kellogg

BY Whittemore Hulbert
Whittemore & Belknap

ATTORNEYS

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UNITED STATES PATENT OFFICE

HOMER G. KELLOGG, OF DETROIT, MICHIGAN, ASSIGNOR TO MOTOR PRODUCTS CORPORATION, OF DETROIT, MICHIGAN, A CORPORATION OF NEW YORK

GARNISH MOLDING

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This invention relates to garnish moldings and more particularly to snap-on garnish moldings for door and window openings and the like.

One of the objects of this invention is to provide a garnish molding for association with the lower edge of a window opening, the body of which is provided with a depending apron forming a wainscot or trim stick which constitutes a decorative and attractive embellishment or finish for the interior of the car.

Another object of this invention is to provide a molding for window openings in the form of an integral substantially U-shaped strip adapted for engagement, preferably snap-on engagement, with anchorage means arranged at the edge of the window opening for providing a finish for three sides of the opening.

Another object of the invention is to provide a garnish or finish molding construction for window openings which is adapted entirely for snap-on engagement with the four edges of the opening, thus eliminating the necessity for the use of screws or other visible securing elements.

The several objects, advantages and novel details of construction of this invention will be made more apparent as this description proceeds, especially when considered in connection with the accompanying drawings, wherein one illustrative embodiment of the invention is shown somewhat in detail.

In the drawings,

Figure 1 is a fragmentary elevational view of a body structure provided with a window opening with my invention associated therewith;

Figure 2 is an enlarged vertical sectional view taken substantially on the plane indicated by line 2—2 in Figure 1;

Figure 3 is an enlarged detail sectional view taken substantially on the plane indicated by line 3—3 in Figure 1 and

Figure 4 is a fragmentary sectional perspective view of the garnish molding associated with the lower edge of the window opening.

Referring now more particularly to the drawings wherein like reference characters indicate like parts, it will be noted that there is illustrated fragmentarily a body structure 10 provided with a window opening 11, which window opening is bounded or defined on three sides thereof by frame members 12 and on the bottom by a frame member 13. In doors, the member 13 may be, and usually is the door strainer. The reference character 14 indicates the usual glass closure for the window opening 11.

Associated with the frame member 13 is an anchorage member or strip 15. In the form shown herein this anchorage strip comprises a body portion 16, provided along one of its longitudinal edges with a return-bent portion 17 which terminates in an inwardly extending flange 18 adapted to rest upon the frame member 13 and constituting one longitudinally extending support engaging portion. The other longitudinal edge of the body 16 is bent at substantially right angles thereto to provide a downwardly extending flange 19, which also engages the frame member 13 and constitutes the other support engaging portion. The flange 19 is inclined inwardly slightly under the body portion 16 for a purpose to be more fully hereinafter referred to. The anchorage strip is perforated at suitable spaced points for the reception of securing means 20 which passes therethrough and into the frame member. The body portion 16 of the anchorage strip is obviously spaced from the frame member 13 by reason of the support engaging portions 18 and 19 and by driving the securing arms firmly in place and also by reason of the inherent resiliency of the anchorage strip the strips will be firmly secured in place.

The reference character 21 indicates generally the garnish molding adapted particularly for association with the lower edge of the window opening. This garnish molding consists of a body portion 22 and a depending apron 23 integrally united as illustrated. The body portion of the garnish molding is adapted for snap-on engagement with the anchorage member 15 and for this purpose the free longitudinal edge of the body member is provided with a return-bent portion 24

terminating in a flange 25 adapted to engage the flange 19 of the anchorage strip. The other longitudinal edge of the garnish molding is provided with a rounded shallow return-bent portion 26 adapted for engagement with the other longitudinal edge of the anchorage strip. In practice, the free edge of the garnish molding is first engaged with the flange 19 of the anchorage thereafter, then the return-bent portion 26 is snapped down over and into engagement with the other edge of the anchorage strip.

It will be noted that when the body of the garnish molding is snapped into place, the apron extends over the face of the frame member. This apron constitutes a decorative wainscot or trim stick and enhances the attractiveness and finished appearance of the interior of the vehicle. It will be appreciated that the garnish molding constitutes a sill member for the window opening which by reason of the present construction, may be secured in place without the use of visible securing means such as screws or the like.

The remaining three sides of the window opening are provided with an integral finish strip indicated generally by the reference character 27. While this finish can obviously be any preferred or desired cross section in the embodiment herein illustrated, it is formed substantially of the cross sectional shape illustrated in Figure 3. In this figure, it will be noticed that there is provided an anchorage member 28, which is substantially U-shape in cross section, with the legs of the U bent outwardly as clearly illustrated. The finish strip 27 is formed with a pair of inwardly extending opposed flanges 29 at the longitudinal edges thereof which are adapted for snap-on engagement with the anchorage member 28, as most clearly illustrated in Figure 3. Similar short anchorage members 28′ are associated with the vertical edges of the window opening so that the entire stretch of finish molding, which as shown is substantially U-shape in form, may be attached by snap-on engagement with the three sides of the window opening. The two ends of the finish strip 27 are shaped as at 30 for a tight snug fit with the adjacent surface of the garnish molding 21.

After the garnish molding 21 at the sill side of the window opening has been secured in place, as previously explained, it is then in order to attach the finish molding 27 with the remaining three sides of the window opening. It will be understood that this molding is to some degree resilient and as viewed in Figure 1 that portion of the molding corresponding to the right hand vertical edge of the window opening and that portion corresponding to the top horizontal edge are engaged with the respective anchorage members and snapped into place. The remaining leg of the finish molding which corresponds to the left hand edge of the window opening is in the meantime held substantially in the position indicated by dotted lines in Figure 1, or in other words, is bent or deflected inwardly into the window opening. After the other two sides of the molding 27 have been snapped into engagement with their anchorage strips, the left hand leg is then snapped into position. In order to avoid marring the adjacent surface of the garnish molding 21, a small piece of material such as paper or the like may be placed under the end of the molding strip as it is being moved into engagement with the anchorage member 28.

With this construction the edge of the window opening is completely finished by molding strips secured in place without the aid of any visible securing means. When once in place, the structure offers a rigid construction because it will be apparent that the ends of the vertical legs of the molding 27 bear upon the garnish molding 21 to prevent any displacement of the latter and by reason of the integral U-shape of the molding 27, this molding when once in place successfully resists any attempt to disengage the same.

While the invention has been illustrated and described herein somewhat in detail, it will be readily apparent to those skilled in this art that various changes in many of the essential and non-essential details of construction may be resorted to without departing from the spirit and scope of this invention and to this end reservation is made to make such changes as may come within the purview of the accompanying claims.

What I claim as my invention is:

1. In a molding assembly, an anchorage strip having a rounded shoulder at one edge and a substantially perpendicular shoulder at the other edge, a molding strip comprising a pair of substantially right angularly arranged sections with a return-bent portion at the juncture thereof, and an inwardly extending flange on one edge, said molding being adapted for snap-on engagement with said anchorage strip with the edge of said flange engaging said perpendicular shoulder and said return-bent portion embracing said rounded shoulder.

2. In a molding assembly, a frame member, an anchorage strip secured to said frame member and having one longitudinal edge thereof projecting beyond one edge of said frame member, a molding strip having a sill portion and an apron portion at a substantial right-angle thereto, opposed return-bent portions formed in said sill portion, one at the juncture of the sill and apron portions, said return-bent portions being adapted for snap-on engagement with said anchorage strip, said apron overlying the face of said frame member and engaging the same.

3. In a molding assembly, the combina-

tion with a window frame, of an anchorage strip secured thereto having respectively perpendicular and rounded longitudinal edges, a molding strip having a sill section and depending apron, the free-edge of said sill section being bent at right angles thereto and then inwardly to form a flange spaced but substantially parallel to said sill section, said flange resting on said frame to space said sill section therefrom, the edge of said flange engaging the perpendicular edge of said anchorage strip, and a return-bent portion at the juncture of said sill section and apron adapted for snap-on engagement with said rounded edge of the anchorage strip to thus superpose said apron on the face of said frame.

In testimony whereof I affix my signature.

HOMER G. KELLOGG.