Feb. 25, 1941. F. L. HOESS 2,232,853

METALLIC BUILDING UNIT

Filed Aug. 2, 1939

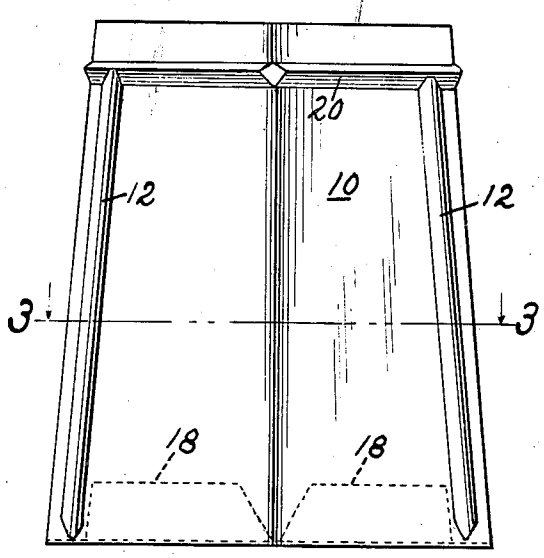


FIG. 1

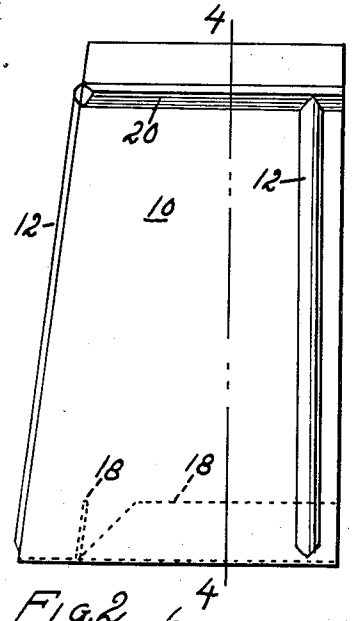


FIG. 2

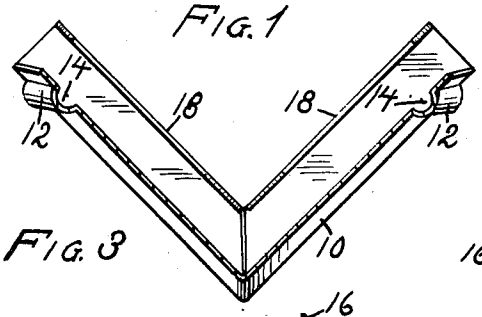


FIG. 3

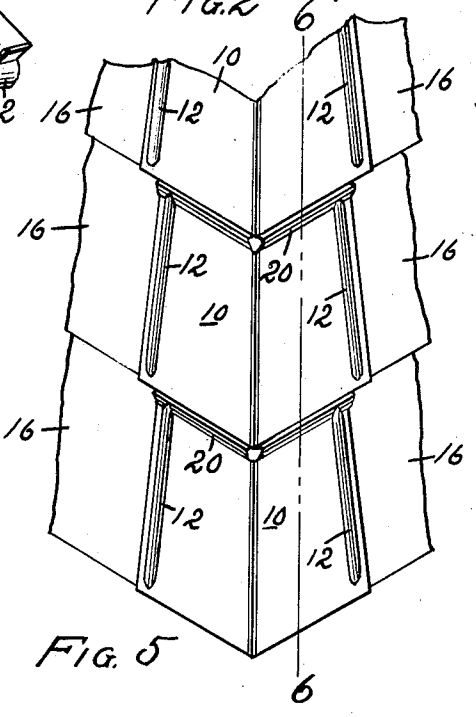


FIG. 5

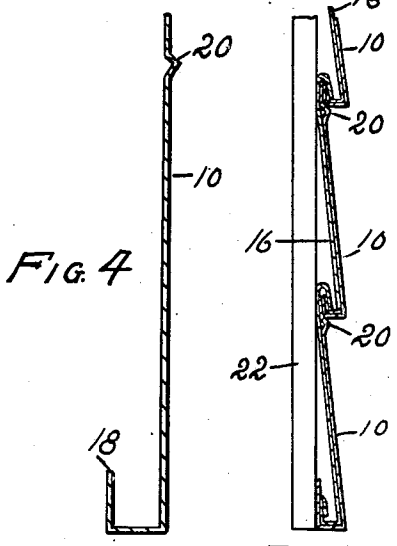


FIG. 4

FIG. 6

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METALLIC BUILDING UNIT

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Application August 2, 1939, Serial No. 287,865

6 Claims. (Cl. 189—86)

This invention relates to an improved metallic building unit which is especially adapted to be employed for sealing the ends of metallic siding members of the kind set forth and described in my co-pending application Serial No. 227,934, now Patent 2,178,357, issued Oct. 31, 1939, in forming corners of buildings. However, it will be apparent that use of the improved metallic building unit of this invention is not necessarily confined to use with metallic siding, but may extend to use with conventional wood or other siding.

One of the principal objects of advantage and importance of the device of this invention resides in the provision of means for securing the device in association with siding members without the use of nails or other perforating securing means.

Another and still further object of advantage and importance resides in the provision of means for securing both upper and lower ends of the improved building unit beneath the siding members with which it is associated.

A still further object of advantage and importance resides in the provision of means for eliminating rust streaks and quick deterioration of the metal caused by securing perforations.

An additional object of advantage and importance resides in the provision of means for accurately locating and maintaining in its proper position, the next above associated building unit.

Additional objects of advantage and importance, some of which are hereinafter more fully described, will become apparent as the following detailed description progresses, reference being had to the accompanying drawing, wherein—

Fig. 1 is a front elevational view of a building unit which embodies the invention.

Fig. 2 is a side elevational view thereof.

Fig. 3 is a horizontal section taken on line 3—3 of Fig. 1 looking in the direction indicated by the arrows.

Fig. 4 is a vertical section taken on line 4—4 of Fig. 2.

Fig. 5 is a slightly reduced perspective view of a fragmental portion of a corner showing several building units in operable association.

Fig. 6 is a vertical section taken on line 6—6 of Fig. 5.

As shown in the drawing:

The reference numeral 10 indicates generally the building unit of this invention. In the preferred embodiment of the invention, the building unit comprises a stamping substantially V-shaped in section, as is best shown in Fig. 3.

Formed closely adjacent each perpendicular edge of the member 10 is an embossed ridge 12, as is clearly shown in the drawing. The embossed ridge 12, in addition to reinforcing the edges of the member 10, also provides a recess 14 into which a plastic or adhesive material may be positioned. While the improved building units of this invention are adapted of themselves to form a weather-tight seal with the siding members 16 with which they are associated, a plastic or adhesive material may be inserted between the units 10 and the siding members 16 when it is so desired.

Formed at the bottom of the member 10 and spaced from the inner surface thereof, as is best shown in Figs. 3 and 4, is an upwardly projecting securing flange 18. The securing flange 18 is adapted to be inserted beneath the lower edge of the siding member with which the building unit 10 is associated, as is shown in Fig. 6.

Formed on the surface of the upper portion of the building unit 10 is an embossed ridge 20. The embossed ridge 20 extends from one perpendicular edge of the unit 10 to the opposite edge and is substantially parallel to the top edge of the device, as is best shown in Figs. 1 and 2. The embossed ridge 20 provides a means for properly locating and when applied of positively maintaining in position the next above associated building unit, as is best shown in Figs. 5 and 6.

The improved metallic building units of this invention readily lend themselves to quick and easy application. After the side members 16 are secured in position, as to studding 22 or the like, the building units are positioned on the corner to be covered, with the flange 18 beneath the lower edge of the siding member 16 and the top edge of the building unit 10 beneath the lower edge of the next above siding member. The unit 10 may then be forced into position by tapping the point or lower edge thereof with a hammer or in some other manner. The unit, once forced into position, with the lower edge thereof in engagement with the embossed ridge 20, is firmly and rigidly secured in place.

It will be apparent from the foregoing, that herein is provided an efficient and durable building unit which may be used with shingles, clapboards, or metallic siding to form a weatherproof corner. Moreover, in addition to producing a weather-tight corner, the improved metallic

building unit of this invention enhances the appearance of the building upon which it is used.

It will also be apparent from the foregoing that herein is provided a corner seal which is practically indistructible and pleasing to the eye. Unsightly, protruding nail heads and perforations in the metal and their attendant rust streaks are totally eliminated.

It will be apparent to those skilled in the art to which the device appertains, that numerous changes and alterations in construction and design may be made all without departing from the spirit or scope of this invention. Accordingly, it is understood that the patent granted hereon is not to be limited to the preferred embodiment here disclosed nor in any other manner except as necessitated by the terminology of the appended claims when given the range of equivalents to which they may be entitled.

I claim as my invention:

1. In a building unit, a stamping substantially V-shaped in horizontal section, the lower edge of said stamping being turned inwardly and thence upwardly to form a flange parallelling and spaced from the inner surface of said stamping, and a horizontally extending embossed ridge closely adjacent the upper end of the unit and adapted to engage the lower end of an adjacent unit.

2. In a building unit adapted to be associated with like members for forming a weather-proof corner, a stamping, said stamping being substantially V-shaped in horizontal section, flange means on the lower edge of said stamping adapted to be associated with the upper edge of a like associated member, and means adjacent the upper edge of said stamping for engaging the lower portion of the next above associated like member, said last named means comprising an embossment projecting outwardly from each outer surface of said substantially V-shaped stamping which embossments are adapted to engage the lower end of an adjacent unit.

3. In a building unit, a stamping substantially V-shaped in horizontal section, flange securing means at the lower end of said stamping, a sealing compound receiving recess on the back surface of said stamping, and a horizontally extending embossed ridge closely adjacent the upper end of the unit and adapted to engage the lower end of an adjacent unit.

4. In a building unit, a stamping substantially V-shaped in horizontal section, flange securing means at the lower end of said stamping, a sealing compound receiving recess closely adjacent each edge of the back surface of said stamping, and a locating boss formed near the upper edge of said stamping, said locating boss comprising a horizontally extending embossed ridge closely adjacent the upper end of the unit and adapted to engage the lower end of an adjacent unit.

5. In a building unit adapted to be associated with like members for forming a weather-proof corner, a stamping, flange means on the lower edge of said stamping adapted to be associated with the upper edge of a like associated member, a sealing compound receiving recess in the rear surface of said stamping, and means adjacent the upper edge of said stamping for engaging the lower portion of the next above associated like member, said means comprising a horizontally extending embossed ridge closely adjacent the upper end of the unit and adapted to engage the lower end of an adjacent unit.

6. In a building unit adapted to be associated with like members for forming a weather-proof corner, a stamping, flange means on the lower edge of said stamping adapted to be associated with the upper edge of a like associated member, a sealing compound receiving recess in the rear surface of said stamping, and a horizontally extending embossed ridge closely adjacent the upper end of the unit and adapted to engage the lower end of an adjacent unit.

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