Dec. 24, 1940. F. L. HOESS 2,225,992

FLASHING

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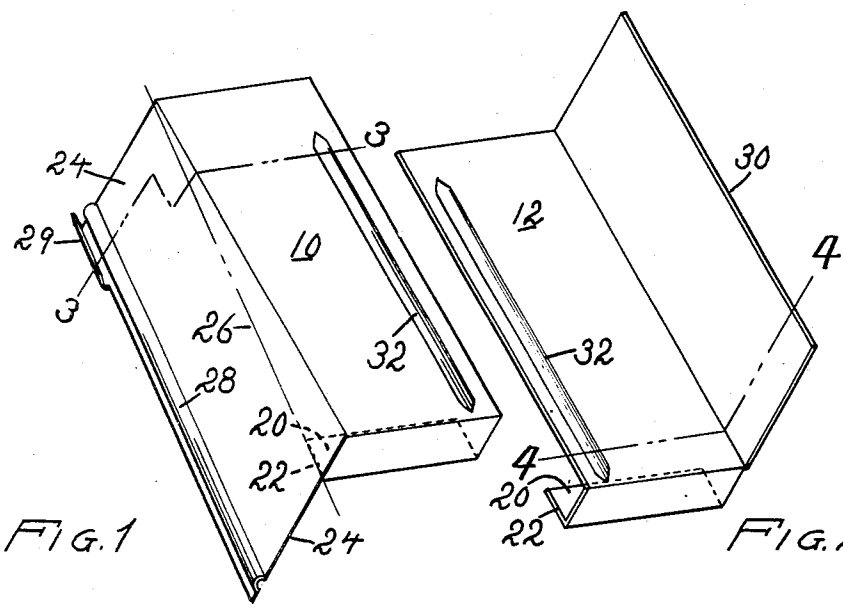


FIG. 1

FIG. 2

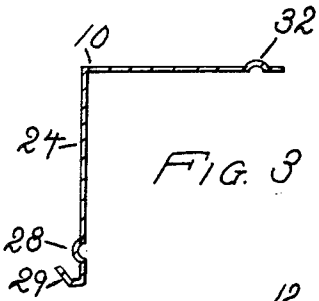


FIG. 3

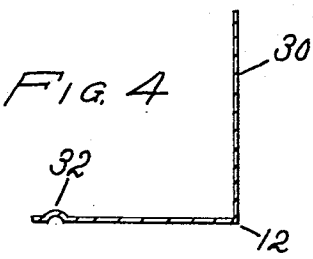


FIG. 4

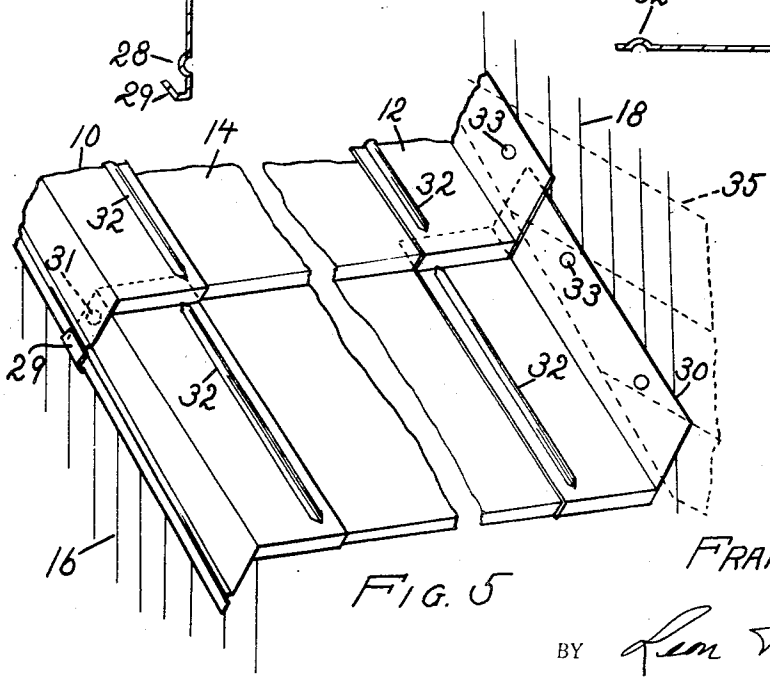


FIG. 5

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FLASHING

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5 Claims. (Cl. 108—26)

This invention relates to improvements in flashing which are especially adaptable for use in association with metallic building units of the kind disclosed in my co-pending application Serial No. 227,934. The improved flashing is adapted to be used on exposed ends and ends terminating in abutment with a vertical member.

One of the principal objects of importance and advantage of the improved flashing of this invention resides in the provision of means for securing both upper and lower edges of the flashing beneath the turned edges of the building units with which they are associated.

Still another object of advantage and importance is the provision of means for sealing the opening at the exposed end of the building unit against the elements.

A still further object of advantage and importance resides in the provision of means for forming a weather-tight seal between the building units and a vertical member which the units abut.

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

Fig. 1 is a perspective view of a fragmental portion of an outer end flashing member which embodies the invention.

Fig. 2 is a perspective view of an inner end flashing member which embodies the invention.

Fig. 3 is a sectional view taken on line 3—3 of Fig. 1.

Fig. 4 is a sectional view taken on line 4—4 of Fig. 2.

Fig. 5 is a perspective view of a fragmental portion of a roof showing flashing members which embody the invention in position.

As shown in the drawing:

The reference numerals 10 and 12 indicate generally outside and inside flashing members, respectively. The members 10 and 12 are adapted to be associated with building units similar to those set forth in my co-pending application Serial No. 227,934. However, it will be apparent that use of the flashing members is by no means confined to association with building units of the type mentioned, but may extend to association with various types of roofing or siding members.

The outside flashing member 10 is adapted to be associated with the end of a building unit 14 at the outer edge of a roof or the like, as is plainly shown in Fig. 5. The flashing member 10 forms a weather-tight joint between the outer edge of the roof and the side wall 16 of a building in the manner best shown in Fig. 5.

The flashing member 12 is adapted to be associated with, and form a weather-tight joint between, the end of a building unit 14 which terminates in abutment with an upwardly projecting vertical member 18 such as a wall, chimney, or the like.

Each type of flashing member 10 and 12 are adapted to be associated with like members in end to end overlapping engagement, as is best shown in Fig. 5.

Formed at the lower end of each flashing member 10 and 12, is a building unit receiving groove 20. The groove 20 is formed by turning a portion of the end of the flashing member 10 or 12 upon itself to form a flange 22 substantially parallel to and spaced from the body or horizontal portion of the flashing member. When operably positioned on a building or the like, the flange 22 of the flashing members 10 and 12 is inserted beneath the lower edge of the member 14 with which it is associated, as is best shown in Fig. 5.

Turned downwardly at right angles to the horizontal portion of the flashing member 10, as is best shown in Fig. 3, and having portions thereof in engagement with the end of the flange 22, is a side member 24. The lower edge of the side member 24 is parallel to the line 26 which extends from the flange 22 to the upper edge of the flashing member 10.

Formed closely adjacent the lower edge of the side member 24, is a locating and reinforcing rib 28. The rib 28, in addition to reinforcing the edge of the member 24, also provides a means for properly locating the next adjacent flashing member to be associated therewith. In addition to providing a reinforcing and locating device, the rib 28 also enhances the appearance of the associated members.

Formed at the edge of the side member 24 closely adjacent the upper end thereof, as is best shown in Figs. 1 and 3, is a clip 29. In assembly, the clip 29 is adapted to be crimped over the edge of an associated flashing member 10, as is best shown in Fig. 5.

Turned upwardly at right angles to the horizontal portion of the flashing member 12 is a side member 30, as is best shown in Fig. 2. The upper edge of the side member 30 is substantially parallel to the surface of the horizontal

portion of the member 12. When operably disposed on a building, or the like, the member 30 is adapted to be in engagement with a vertical member such as a wall, chimney, or the like, which abuts the end of the building member 14.

The side members 24 and 30 may be secured to the vertical members they engage in any suitable manner. However, the preferred manner of securing the flashing member 10 in position, is by means of a nail 31, which is best shown in dotted lines in Fig. 5. The vertical member 30 is preferably secured by nails 33, as is clearly shown in Fig. 5. The vertical member 30, so secured, is adapted to be covered, as is indicated by the dotted lines 35.

It will be apparent that nails or other securing means, which may be used in applying or securing the improved flashing member of this invention to a building, are concealed. The cover, consisting of either the overlapping end portion of the next above member or the covering indicated by the reference numeral 35 which conceal the heads of the nails or other securing means, forms a positive bar against the nails or securing means from becoming loosened or working out.

Formed closely adjacent the edge of the horizontal portion of each flashing member 10 and 12, is a rib 32. Each rib 32, in addition to reinforcing the edge of the flashing members, provides, at the upper end thereof, a stop which is adapted to be in engagement with the end of the next above flashing member, as is best shown in Fig. 5. The ribs 32, in addition to reinforcing the edges of the flashing members 10 and 12 and providing stops for associated flashing members, also provides a groove on the bottom surface thereof which may receive an adhesive or plastic material adapted to seal the flashing members to building members 14 with which they are associated.

It will be apparent from the foregoing, that herein is provided an efficient and easily applied flashing member which produces a weather-tight seal for inside and outside ends of building units such as roofing or siding members, with which they may be associated.

It will also be apparent from the foregoing, that portions of the improved flashing member of this invention are utilized for concealing the securing means employed in fastening the device in operable position. Furthermore, the concealing means forms a backing which prevents the securing means from becoming loosened or working out of position.

Furthermore, the improved flashing members of this invention may be economically produced and it may be universally used because it may be associated with practically any type of roofing or siding covers.

It will be apparent to those skilled in the art to which the device appertains, that numerous changes and alterationes 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 flashing member comprising a stamping angular in section and consisting of a vertical and a horizontal portion, a flange formed at one end of said horizontal portion, said flange being parallel to and spaced from the under surface of said horizontal portion, a recess formed in the lower surface of said horizontal portion closely adjacent the longitudinal edge thereof, the upper end of the outer surface of said recess providing stop means adapted to engage the lower end of the next above associated flashing member, said vertical portion being adapted to receive securing members for attaching the member to a building, a tongue member formed at the longitudinal edge of the vertical portion of said member closely adjacent the upper end thereof, said tongue being adapted to engage and to be crimped upon the next above associated member.

2. In a flashing member comprising a stamping angular in section and consisting of a vertical and a horizontal portion, a flange formed at one end of said horizontal portion, said flange being parallel to and spaced from the under surface of said horizontal portion, stop means adapted to engage the lower end of the next above associated flashing member, said vertical portion being adapted to receive concealed securing means for attaching the member to a building, means coextensive with the length of said vertical portion for properly locating like members in association with said flashing member, and a clip member formed on the edge of the vertical member closely adjacent one end thereof, said clip member being adapted to be crimped over the edge of a like member associated therewith.

3. In a flashing member comprising a member having substantially horizontal and vertical portions, means at one end of said horizontal portion adapted to be inserted beneath a building member with which the member may be associated, means on said horizontal portion for engaging the lower end of the next above associated flashing member, and means on the lower longitudinal edge of the vertical portion adapted to be crimped upon and secure the lower longitudinal edge of the vertical portion of a like member associated therewith.

4. In a flashing member comprising a member having substantially horizontal and vertical portions, means at one end of said horizontal portion adapted to be inserted beneath a building member with which the member may be associated, means on said horizontal portion for engaging the lower end of the next above associated flashing member, locating means closely adjacent the lower edge of the vertical portion, and outwardly and upwardly extending clip means forming an edge receiving trough in which an edge of the next above like member may be secured.

5. In a flashing member adapted to be employed in end to end engagement with like members, said flashing member comprising an angular member having a horizontal and a vertical portion, flange means at one end of said horizontal portion for securing the member beneath the edge of a building unit with which it may be associated, a stop adjacent the opposite end of said horizontal portion, said stop being adapted to engage and prevent downward movement of the next above associated flashing member, a locating deformation formed closely adjacent one edge of said vertical portion, and an outwardly and upwardly extending securing clip formed on a portion of the edge of said vertical portion.

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