Sept. 28, 1971 H. CHOMES 3,608,255

FLASHING CAP RECEIVER

Filed April 10, 1970 3 Sheets-Sheet 1

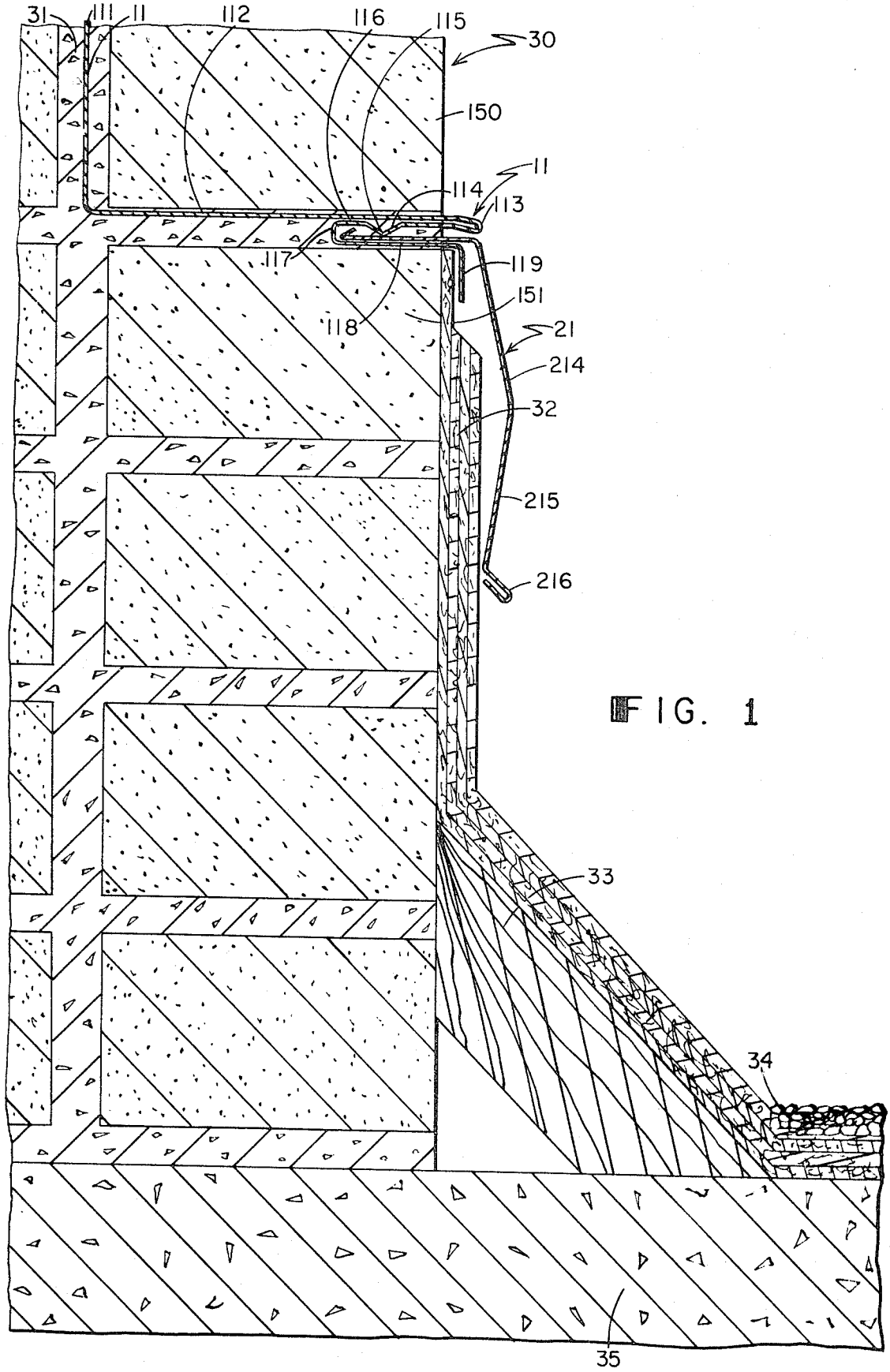


FIG. 1

FLASHING CAP RECEIVER

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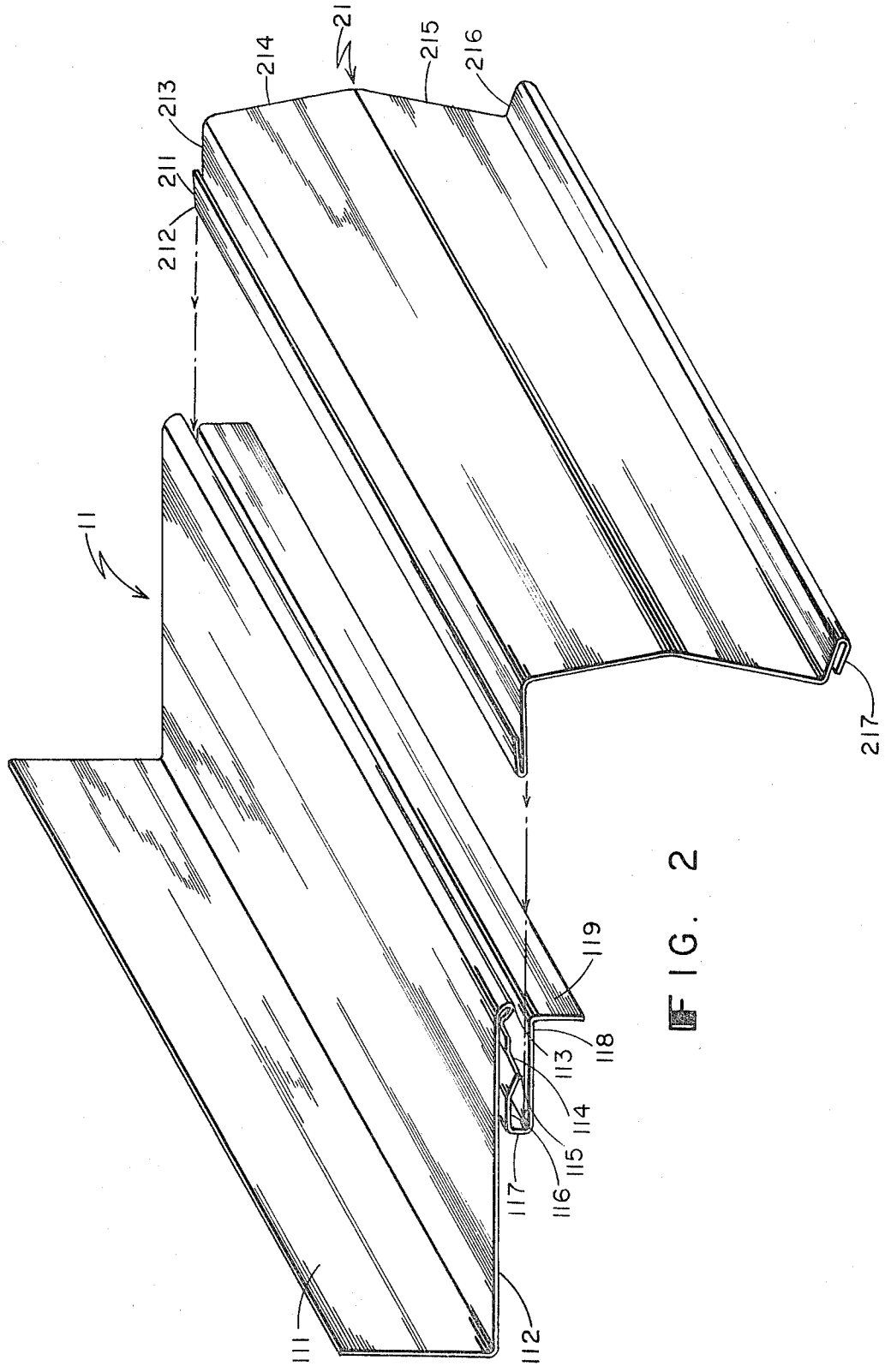


FIG. 2

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FLASHING CAP RECEIVER

Filed April 10, 1970 3 Sheets-Sheet 3

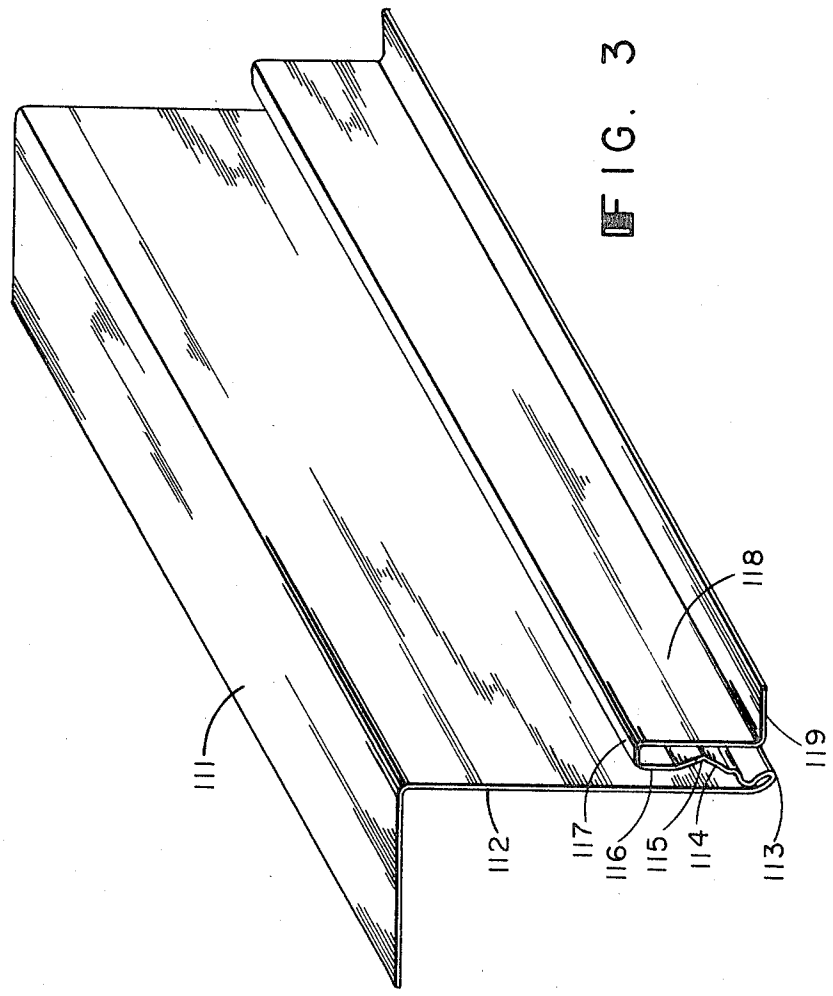


FIG. 3

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FLASHING CAP RECEIVER

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U.S. Cl. 52—61 3 Claims

ABSTRACT OF THE DISCLOSURE

A flashing cap receiver is described which has a receiving chamber formed by a pair of horizontal portions one of which has a median protrusion portion extending toward the other horizontal portion. The chamber is adapted to receive and hold a flashing cap member having a bent over end lip whose width is no greater than the distance between the protrusion and the back of the chamber.

BACKGROUND OF THE INVENTION

This invention relates to flashing and in particular to two-part flashing wherein one portion known as the receiver, is embedded in the wall of the building and has an exterior projection to which an exterior flashing member or cap can be attached to complete the flashing system.

Two-part flashing systems, as have previously been described, have suffered from one or more deficiencies. Thus, the components had to be prefabricated and could not be readily formed on site. Also, several prior two-part systems were difficult to attach and often needed lead plugs. In addition, some prior systems could be loosened and separated by inclement weather.

The object of the present invention is to provide a factory formed or shop formed through-wall flashing system that can be easily installed on the job site during construction without tools, eliminating malleting or bending metal in the field.

A further object of this invention is to provide such a flashing system wherein the external member easily attaches to the embedded member and provides a firm weather resistant connection which does not require any lead plugs.

Another object of this invention is to provide such a flashing system which can be adapted for all common gages for all roofing and flashing metal.

SUMMARY OF THE INVENTION

The invention comprises generally a flashing cap receiver formed from a single sheet of metal and adapted to be partly embedded in the mortar of a masonry wall. The receiver comprises in sequence, a vertical portion, a horizontal portion extending outwardly, a second horizontal portion extending out and back containing a depressed protrusion, a third horizontal portion extending under and forward and a downwardly depending terminal portion. The second and third horizontal portions form a receiving chamber adapted to receive and firmly hold the exterior member. Any flashing cap member can be used which has a bent over end lip insertable in the chamber and has a width no greater than the distance between the protrusion and the inner end of the second horizontal portion.

The flashing cap receiver of this invention can be formed from various metals such as copper or stainless steel or from laminates or other weather and water resistant meterial having similar dimensions and strength. Metal and metal laminates are generally preferred because they permit a snap-in action of the flashing cap member into the flashing cap receiver.

The present invention is applicable to a wide variety of through-wall flashing systems.

BRIEF DESCRIPTION OF DRAWINGS

FIG. 1 is a partial sectional view of one embodiment of this invention shown embedded in the mortar of a masonry wall.

FIG. 2 is a perspective view of the flashing cap receiver of this invention in proximity to a flashing cap.

FIG. 3 is a rear view of a flashing cap receiver of FIG. 2.

SPECIFIC EXAMPLE OF INVENTION

The embodiment of the invention which is illustrated in the drawings comprises a flashing cap receiver **11** adapted to receive and hold a flashing cap **21**. The flashing cap receiver **11** comprises in sequence a vertical portion **111**, a first horizontal portion **112**, which extends outwardly to a second horizontal portion **114** which is bent under and inward at edge **113** and has a depressed portion **115**, a third horizontal portion **118** which is bent outwardly and under at edge **117**, and finally a depending portion **119**. The second and third horizontal portions **114** and **118**, together with the depressed portion **115** form a receiving chamber. The flashing cap **21** has a front edge **212** and a bent over lip **211** which fits into the chamber and can be snapped beyond depressed portion **115** to seat in the rear chamber **116**, the width of lip **211** being less than the width of chamber **116**. The remainder of the structure of the flashing cap **21** can be varied and in the illustrated instance has angular depending portions **214** and **215** terminating in an outward bent over lip **216**.

A flashing cap receiver **11** is shown embedded in the mortar **31** of a masonry wall **30** with its chamber portion deeply embedded in the mortar between upper and lower cement blocks **150** and **151**. The exterior portion of the wall has an asphaltic facing **32** and tar gravel layer **34**. Facing **32** is covered by the depending flange **119**. Thus, any moisture which has penetrated to the exterior portion of the wall into the mortar joint is conducted by the flashing member **111** out of the walk to tip **113** and then down over portions **214**, **215** and **216** of the flashing cap. Likewise, any exterior drainage is carried outwardly and down the flashing cap receiver.

The facing **32** is preferably made from multiple layers of flexible, asphaltic sheets, as for example asphaltic felt or asphaltic paper. As shown in the drawings, at least one layer extends up the outside wall of the building underneath the cap receiver lip **119**. The facing **32** is supported angularly by exterior wood member **33** to assist in its drainage function.

The flashing system of this invention has been found to provide a rugged, non-leaking seal against driven water. Further, it is inexpensive and rapid to install, with a minimum of labor.

I claim:

1. A flashing cap receiver (**11**) formed from a single sheet of metal and adapted to be partly embedded in the mortar (**31**) of a masonry wall (**30**), comprising in sequence:

(a) a vertical portion (**111**);

(b) a first horizontal portion (**112**) extending outwardly from said vertical portion;

(c) a second. horizontal portion (**114**) extending under and back from said first horizontal portion (**112**) and containing a median depressed protrusion (**115**);

(d) a third horizontal portion (**118**) extending under and forward from said second horizontal portion (**114**);

(e) a downwardly depending terminal portion (**119**); said second and third horizontal portions forming a receiving chamber adapted to receive and hold a flashing cap member (**21**) having a bent over end lip

(211) whose width is no greater than the distance between the protrusion (115) and inner end of second horizontal portion (114).

2. The flashing cap receiver of claim 1 having a flashing cap member (21) inserted in its receiving chamber.

3. The flashing cap receiver of claim 1 wherein said vertical portion (11) and substantial portions of said horizontal portions (112, 114 and 118) are embedded in the mortar of a masonry wall, and said terminal portion (119) is external.

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PRICE C. FAW, JR., Primary Examiner