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R. P. BURROWS

FLASHING FASTENING FOR CONCRETE AND OTHER BUILDINGS

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Fig. 1.

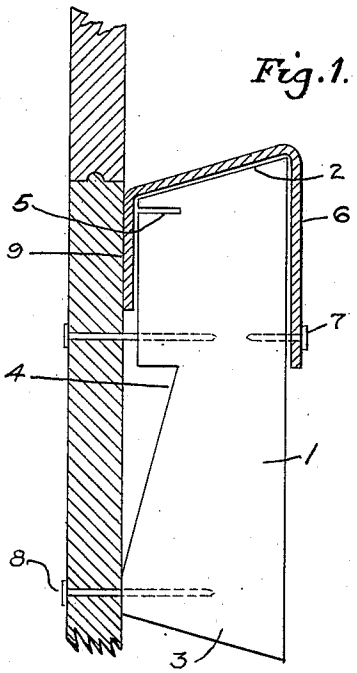
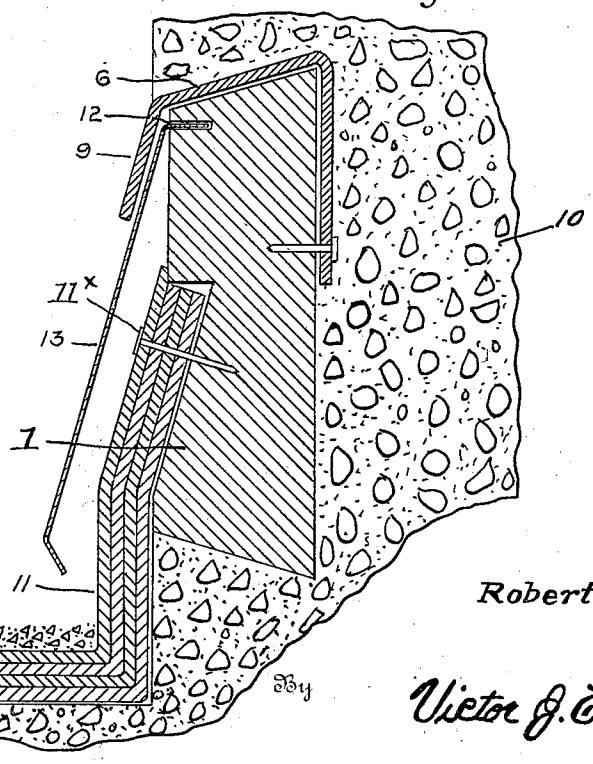


Fig. 2.



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UNITED STATES PATENT OFFICE.

ROBERT P. BURROWS, OF SOUTH BEND, INDIANA.

FLASHING FASTENING FOR CONCRETE AND OTHER BUILDINGS.

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To all whom it may concern:

Be it known that I, ROBERT P. BURROWS, a citizen of the United States, residing at South Bend, in the county of Saint Joseph and State of Indiana, have invented new and useful Improvements in Flashing Fastenings for Concrete and Other Buildings, of which the following is a specification.

The object of my said invention is the provision of a flashing fastening characterized by reliability and strength and the adaptability to securely hold counter flashing in working position.

To the attainment of the foregoing, the invention consists in the improvement as hereinafter described and definitely claimed.

In the accompanying drawings, forming part of this specification:—

Figure 1 shows my novel anchoring means as fastened to concrete forms previous to the pouring of concrete to form the wall shown in Figure 2.

Figure 2 is a view showing the anchor means in the concrete wall and in use.

Similar numerals of reference designate corresponding parts in both views of the drawings.

The anchor means of my improvement is formed by a wooden strip 1, beveled at its upper and lower edges as designated by 2 and 3, respectively. In the face of the strip 1 is a recess 4 and also in the face of the strip 1 and spaced above the recess 4 is a kerf or slot 5, both recess 4 and kerf 5 being adapted to be milled out.

Capping the upper edge of the strip 1 is a shedding member 6, of soft copper, sheet lead or other metal or alloy adapted to be readily bent without liability of breakage. At 7 the cap or shedding member is nailed or otherwise appropriately fastened to the wooden strip 1.

In the practice of my invention, the strip 1 is nailed at 8 or otherwise fastened to a form section, the pendent flange 9 of the shedding member or cap 6 being at that time interposed between and in parallelism to the inner side of the form section so as to prevent concrete from falling between the face of the strip 1 and the inner side of the form. After the concrete wall designated by 10 is formed as shown in Figure 2 it will be manifest that the strip 1 will be secured of itself in the concrete wall, as will also the shedding member or cap 6. Flashing designated by 11 is arranged in the recess 4 of the strip 1 and is nailed at 11^{x} or otherwise fastened to the strip 1. It will also be noted that the flange 9 of the member or cap 6 is bent outwardly from the face of the strip 1 so as to permit of the ready arrangement of an angular flange 12 on counter flashing 13 being arranged in the kerf 5 of the strip 1, the said arrangement effecting connection of the counter flashing 13 to the strip 1 so that the major portion of the counter flashing 13 extends downwardly at the inner side of the cap flange 9 and laps over the flashing 11 as clearly shown in Figure 2. In respect to the attachment of the counter flashing 13 to the strip 1 it will be manifest that the flange 9 is capable of being bent into alinement with the top of the cap 6 for the convenient insertion of the flange 12 into the kerf 5.

It will be manifest from the foregoing that the recess 4 enables a roofer to expeditiously and easily fasten the roofing material to the strip 1. It will also be manifest that the pendent flange 9 of the cap 6 is adapted to be bent outwardly to form a temporary protection. This will be appreciated as an important advantage when it is remembered that in many cases a sheet metal worker does not always follow up a roofer with promptness, it being the province of the sheet metal worker to place and secure the counter flashing 13.

After the positioning of the counter flashing 13, the flange or flap 9 is pressed downwardly over the counter flashing and is subjected to the action of a mallet so as to assure the production of a neat, strong and waterproof job. Obviously when it is necessary to remove old roofing, the counter flashing can be readily removed and saved for use in conjunction with new roofing after the latter is placed and secured in position.

While designed more particularly for use in the manner described in a concrete wall I desire it distinctly understood that my improvement can be used in any other wall to which it is applicable without involving departure from the scope of my invention as defined from my appended claims.

It will be appreciated that flashing held in position by my improvement is free to expand and contract lengthwise under changes in temperature without breaking;

also, that the strip as a whole with metal cap attached forms a combination of shapes that is novel and useful.

Having described my invention, what I claim and desire to secure by Letters-Patent, is:—

1. In a flashing fastening, a wall, a strip secured thereto, a cap on the strip and having a bendable flange overhanging the face of the strip, flashing connected to the strip, and counter flashing carried by the strip and extending downwardly between the same and said flange and arranged in lapped relation to the flashing.

2. In a flashing fastening, a wall, a strip secured thereto, a cap on the strip and having a bendable flange overhanging the face of the strip, flashing connected to the strip, and counter flashing carried by the strip and extending downwardly between the same and said flange and arranged in lapped relation to the flashing, the said strip having a face recess to receive the connected portion of the flashing and also having a kerf above the recess receiving a flange on the counter flashing.

3. In a flashing fastening, a wall, a strip secured thereto, a cap on the strip and having a bendable flange overhanging the face of the strip, flashing connected to the strip, and counter flashing carried by the strip and extending downwardly between the same and said flange and arranged in lapped relation to the flashing; the said strip having beveled edges and being arranged in a wall whereby it is anchored of itself thereto, and the cap being provided with an additional and inner flange that enables the strip to hold it to the wall.

In testimony whereof I affix my signature.

ROBERT P. BURROWS.