G. E. SWENSON.

ROOF FLASHING.

APPLICATION FILED AUG. 30, 1920.

1,428,457.

Patented Sept. 5, 1922.

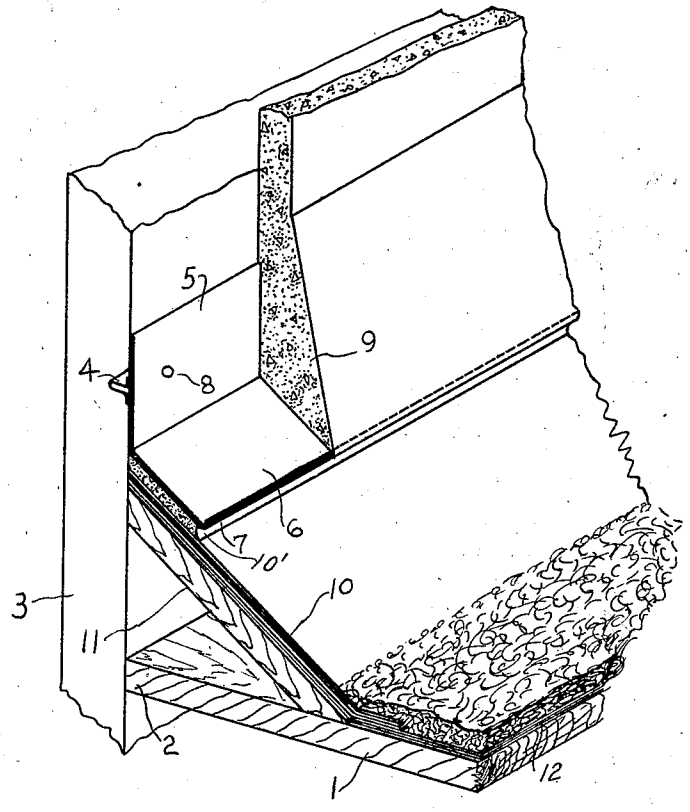


Fig. 1.

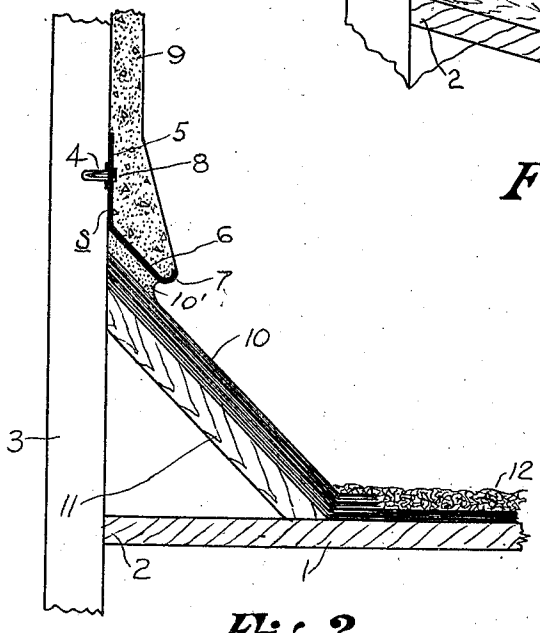


Fig. 2.

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UNITED STATES PATENT OFFICE.

GEORGE E. SWENSON, OF HASTINGS-ON-HUDSON, NEW YORK, ASSIGNOR TO THE BARRETT COMPANY, A CORPORATION OF NEW JERSEY.

ROOF FLASHING.

Application filed August 30, 1920. Serial No. 406,954.

To all whom it may concern:

Be it known that GEORGE E. SWENSON, a citizen of the United States, residing at 63 Southgate Ave., Hastings-on-Hudson, in the county of Westchester and State of New York, has invented certain new and useful Improvements in Roof Flashings, of which the following is a specification.

This invention relates to an improvement in the installation of roof flashings and to the production of a safe and convenient flashing receptacle for vertical walls, especially such as parapet walls or pent house walls, etc.

One of the objects of my invention is to provide a flashing receptacle that may be installed even after the wall proper has been erected.

Another object of my invention is to provide a cheap, economical, and efficient flashing receptacle that may be quickly and easily installed.

Another object is to provide a flashing receptacle that may be installed on walls of different sorts such as brick, concrete, terra cotta, etc., and will avoid leaks between the side of the walls and the adjoining edge of the roof deck. Other objects and advantages of the invention will be obvious as the description proceeds.

In my prior Patents Nos. 1,254,292, and 1,308,205, is shown how to provide a flashing receptacle in a wall as the wall is being built. I have sometimes found that when pent houses are necessary to provide access to the roof or to house elevator machinery it is desirable to construct these pent house walls of terra cotta or the like with the result that it becomes difficult to connect the edges of sheets of manufactured roofing material therewith in a convenient and satisfactory watertight manner. Also, when walls such as are indicated in my prior patents are joined to walls that have not flashing receptacles therein at the desired positions it is troublesome to provide a watertight connection. By the present invention these difficulties are overcome and a receptacle is provided that has proven quite satisfactory in actual practice.

The invention will be readily understood from the description in connection with the accompanying drawings in which

Fig. 1 is a sectional view partly broken away and

Fig. 2 is a detail perspective view showing the metal strip.

In the drawings reference character 1 refers to a roof deck the edge 2 of which joins a wall 3 built of terra cotta, tile, or other material having plugs 4 at intervals therein for the reception of nails or other fastening means. The side of the wall 3 next to the roof deck 1 may be flat and vertical as indicated.

A thin sheet *s* of material, preferably metal, having a straight portion 5 and a portion 6 bent at an angle to the portion 5 and preferably with an edge 7 turned at a sharp angle to the portion 6, is attached by means of nails or fasteners 8 to the wall 3 by inserting them in the plugs 4. A layer 9 of concrete or stucco is then applied to the wall 3 and along the upper side of sheet *s* as shown thus forming an overhanging ledge which constitutes the upper side of the receptacle for the flashing strip 10.

A triangular cant strip 11 made of any suitable material is installed in the corner between the wall 3 and roof deck 1 so as to leave a long narrow opening or flashing receptacle with substantially parallel sides between the cant strip 11 and portion 6 of sheet *s*. A flashing strip 10 is laid over the cant strip 11 and extends into the flashing receptacle and may if desired, be fastened therein by means of any convenient and suitable plastic material 10′.

It is obvious that rain or snow falling along the stucco 9 will be diverted on to the flashing 10 and to the roofing material 12 so that no leak will occur between the wall 3 and roof deck 1. It is also obvious that this flashing receptacle may be installed along the side of walls that have already been erected and may be made to constitute a continuation of flashing receptacles constructed in accordance with my prior patents above referred to.

I claim:

1. In a device of the kind described, in combination a wall, a sheet of material having one portion bent at an angle to another portion with its outer edge turned upwardly, one of said portions being applied to the said wall.

2. In a device of the kind described, in combination, a wall, a sheet of material having one portion bent at an angle to another portion with its outer edge turned up-

wardly, one of said portions being applied to the said wall, and a layer of stucco applied to said wall and to the entire surface of one side of said sheet.

3. In a device of the kind described, in combination, a wall, a sheet of material having one portion bent at an angle to another portion, one of said portions being applied to said wall, and the other portion being provided with an upwardly curved outer edge.

4. A sheet of material having two flat portions at an obtuse angle to each other, one of said portions lying entirely in one plane and the other portion being provided with an upwardly curved outer edge.

5. In a device of the kind described, in combination, a wall, a cant strip, a sheet of material having a portion thereof spaced from said cant strip to provide a groove, said sheet being provided with an upturned outer edge.

In testimony whereof I affix my signature.

GEORGE E. SWENSON.