April 17, 1928.

1,666,231

A. BLOXHAM

ROOF FLASHING

Filed May 23, 1925

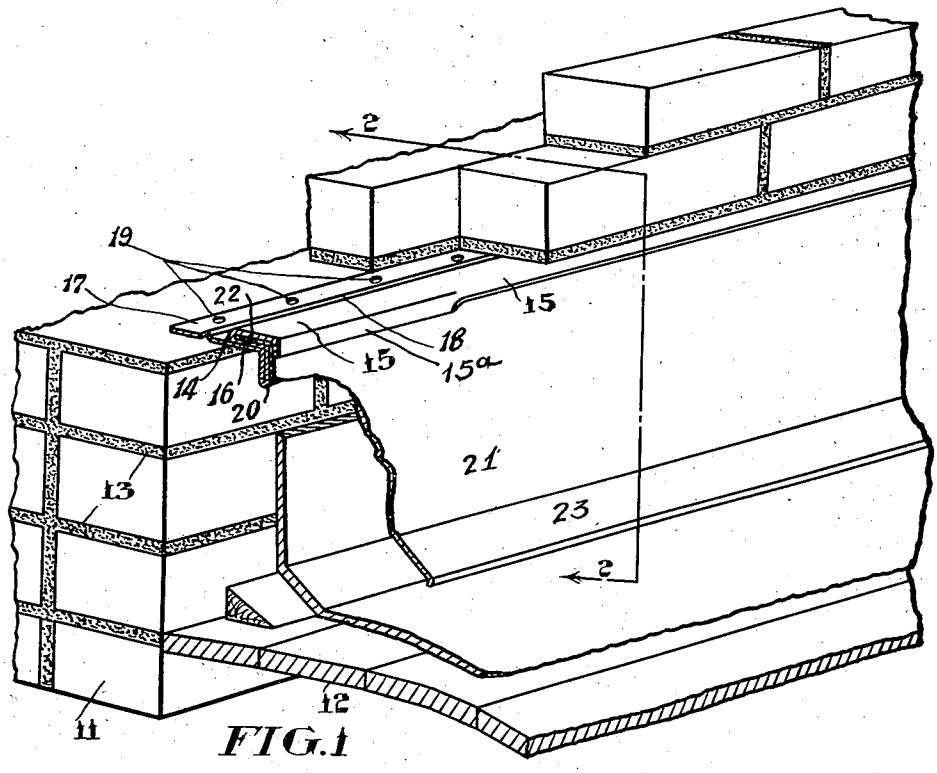


FIG. 1

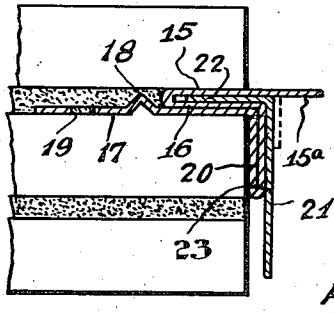


FIG. 2.

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UNITED STATES PATENT OFFICE.

ARTHUR BLOXHAM, OF MONTREAL, QUEBEC, CANADA.

ROOF FLASHING.

Application filed May 23, 1925. Serial No. 32,368.

This invention relates to new and useful improvements in building construction, and relates particularly to flashings for gravel roofings, shingle roofings, and the like and the object of the invention is to provide a simple inexpensive device which will be easily attached to a building to prevent water, snow and the like from passing through the joints between the roof and any upwardly projecting portions such as, surrounding wall, chimneys, ventilators, skylights or such like structures.

Another object is to provide a device of the class stated which will be attached to the building without the use of nails, cleats, rivets or such like holding means, which penetrate the flashings and reduce the life of same.

A further object is to provide a device of the class stated which will be neat in appearance, and economical as far as erection and maintenance is concerned.

In my invention I provide a holding member for the flashing, said holding member being held in position in the wall by providing a plurality of perforations in it, through which the cementing material, used between the bricks forming the wall, passes to form an anchorage for the member. A portion of the holder is bent over to form a guide for the upper edge of the flashing which is slidably mounted therein, and is provided with a part adapted to lie parallel with the face of the wall. The lower edge of the flashing is bent to carry water or the like on to the roof or to the gutters as desired. Part of the holding member in the initial stage of erection projects outwardly from the face of the wall in the horizontal direction, and is used as a holding means for the flashing by being bent over the uppermost corner of the flashing thereby forming what is known in this art as a counterflashing.

In the drawings:—

Figure 1, is a perspective view of my preferred type of flashing used for gravel roofing.

Figure 2, is a sectional elevation taken on the line 2—2 Figure 1.

Referring more particularly to the drawing, 11 designates a brick wall of the usual construction which projects upwardly from the edge of the roof designated as a whole by the numeral 12, and built in any of the standard well known methods. Between the bricks are the usual mortar or cement joints 13. Placed between the bricks and held in place by the mortar joints is a flashing holder formed from a single sheet of metal bent to provide a U-shaped guide 14 having relatively long upper and lower legs 15 and 16. The lower leg 16 is doubled upon itself to provide a rear extension 17 projecting beyond the curve of the guide 14. This extension is formed with a ridge 18 and with openings 19 so that when the holder is placed between two bricks as shown in Figure 2 the mortar or other cement employed between the bricks will be disposed at opposite sides of the ridge and through said openings so as to securely anchor the holder in place. The two thicknesses of material at the forward end of the leg 16 are bent downwardly as at 20 to lie flatly against the face of the wall.

The flashing 21 is disposed to lie parallel with the face of the wall and is provided at its upper edge with a flange 22 fitting between the horizontal portions of the legs 15 and 16, the upper portion of the flashing being spaced from the wall by the downwardly extending portion 20 of the leg 16. The forward terminal 15^a of the leg 15 normally projects beyond the face of the wall as indicated by full lines in Figure 2 but when the flange 22 is in place this terminal is bent downwardly against the body portion of the flashing as indicated by dotted lines. At its lower edge flashing 21 is bent outwardly and downwardly as indicated at 23 so that water accumulating thereon will be directed toward the center of the roof.

It will be seen from the foregoing that I have provided a very simple and easily attached means for holding the flashing which may be placed in the guide, and held therein by simply bending the uppermost edge of the holding member over the corner of the flashing to hold same in position. It is very neat in appearance and is easily erected in position.

Modifications may be made in the device without departing from the spirit of the invention.

Having thus described my invention, what I claim is:—

A flashing holder formed of a single sheet of material shaped to provide a U shaped guide having relatively long upper and lower legs spaced apart and adapted to project beyond the face of the wall in which the holder is embedded, said lower leg being

folded upon itself to provide a double thickness of material, said folded portion being extended beyond the curve of the U in parallel relation thereto and being formed with a ridge located close to said curve, the two thicknesses of material forming the lower leg being bent to extend downwardly from a point located between the curve of the U and the terminal of the upper leg, a flashing arranged in contact with the outer surface of the inwardly extending portion of the lower leg and provided at its upper edge with a flange fitted in the space reserved between the two legs, the portion of the upper leg which normally projects outwardly beyond the downwardly bent portion of the lower leg being bent downwardly to clamp the flashing against the correspondingly bent portion of the lower leg.

In witness whereof, I have hereunto set my hand.

ARTHUR BLOXHAM.