O. BOLL.

FLASHING.

APPLICATION FILED FEB. 17, 1920. RENEWED DEC. 3, 1920.

1,394,404. **Patented Oct. 18, 1921.**

Fig. 1.

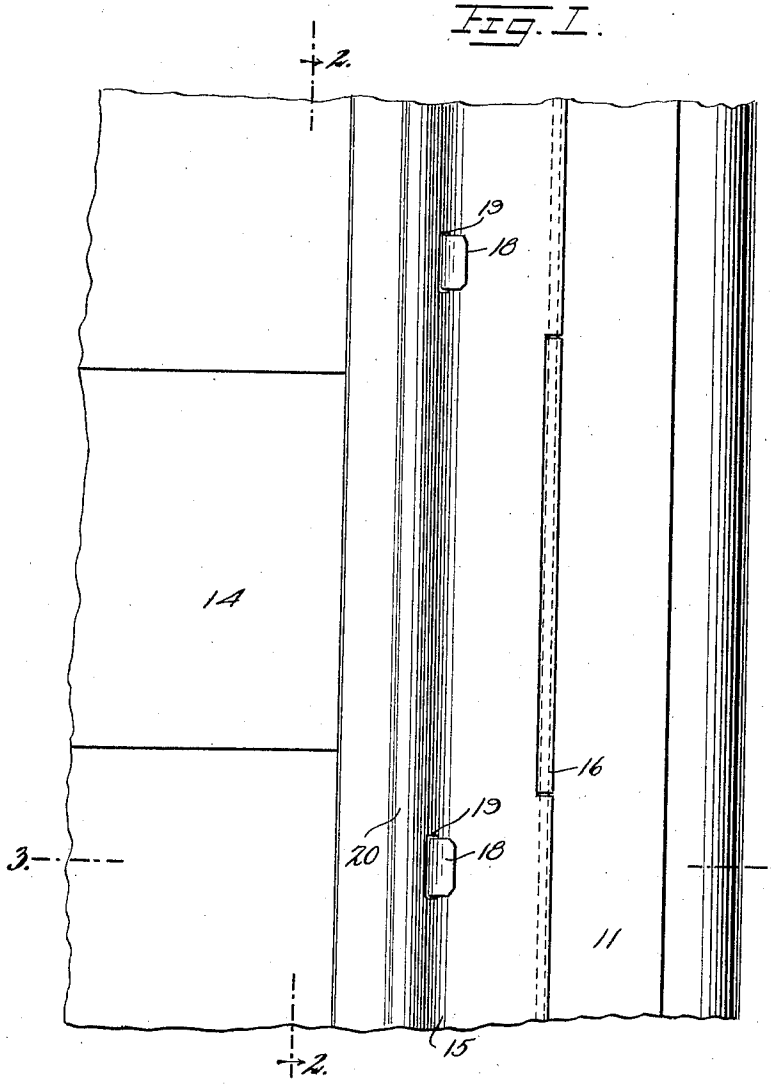


Fig. 2.

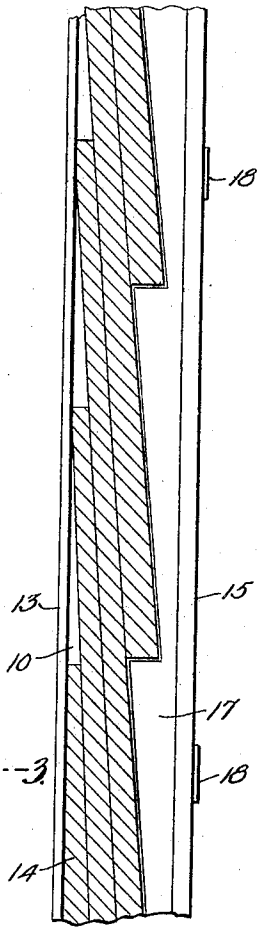


Fig. 3.

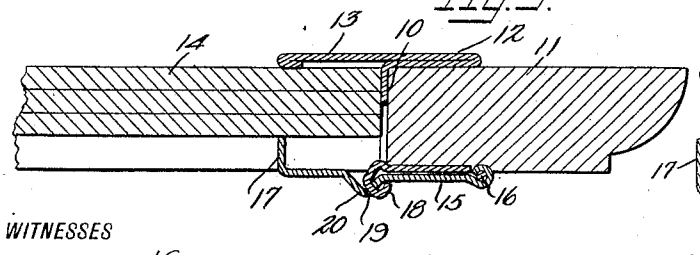
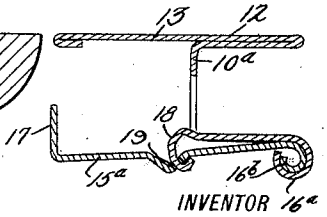


Fig. 4.



WITNESSES

H. T. Walker

L. L. McCauliff

INVENTOR

OSCAR BOLL,

BY

Munn & Co

ATTORNEYS

UNITED STATES PATENT OFFICE.

OSCAR BOLL, OF WEST HOBOKEN, NEW JERSEY.

FLASHING.

1,394,404. Specification of Letters Patent. Patented Oct. 18, 1921.

Application filed February 17, 1920, Serial No. 359,273. Renewed December 3, 1920. Serial No. 428,148.

To all whom it may concern:

Be it known that I, OSCAR BOLL, a citizen of the United States, and a resident of West Hoboken, in the county of Hudson and State of New Jersey, have invented a new and Improved Flashing, of which the following is a description.

My invention relates to a flashing adapted for use on a roof or the sides of a building or at window or door frames or other portions of a building, where flashings are usually employed.

The general object of my invention is to provide a flashing improved in various particulars, whereby to more effectively exclude water from the joint to which the flashing is applied and whereby also the flashing will possess requisite strength and durability and may be readily applied.

Reference is to be had to the accompanying drawings forming a part of this specification, it being understood that the drawings are merely illustrative of examples of the invention.

Figure 1 is a side elevation of a portion of a building structure having my improved flashing applied thereto;

Fig. 2 is a transverse vertical section on the line 2—2, Fig. 1;

Fig. 3 is a cross section on the line 3—3, Fig. 1;

Fig. 4 is a view similar to Fig. 3 showing a modification, the view omitting the element to which the flashing is applied.

In carrying out my invention in practice, a body member 10 of channel or U-shape is produced adapted to receive the edge portion of a strip 11 which in the illustrated example may be assumed to constitute a vertical member at a window frame. At one side of the channel body 10 the material thereof is returned on itself as at 12 and carried beyond said body member to constitute a flange 13 adapted to cross the joint to which the flashing is applied and overlap the material at the opposite side of the joint, said material being indicated at 14 and here represented as shingle siding.

At the outer side of the flashing a cover plate 15 is provided hinged at one end as at 16 to the adjacent flange of the channel body 10 at the edge of said flange and it is adapted to swing to a position parallel or approximately so with the inner return portion 12 and flange 13. The cover plate 15 has a width to extend beyond the channel body 10, whereby to cover the building material or members at the opposite sides of the joint, in this case the strip 11 and shingle siding 14. At its free edge the cover plate 15 may be given a formation to conform to the material overlapped thereby, the present example showing the edge inturned as at 17 and given a shape corresponding with the overlapped shingles. In order to securely hold the cover plate 15 down against the surface of the building, I provide fastening tongues 18 on the body 10 and projecting laterally a distance to pass through and engage said cover, the latter presenting openings 19 for said tongues. The tongues 18 in practice are struck up from the material of the channel body 10 as indicated in Fig. 3. After passing through the holes 19 the free ends of the tongues are bent down against the outer side of the cover 15, thereby securely holding it in position. Advantageously, I produce in the cover 15 a corrugation or bead 20 in which the slots or openings 19 are formed. Thus, the convergent inner surfaces presented by the bead 20 serve to guide the tongues 18 to and through said openings.

In Fig. 4 the flashing is made with a detachable hinge connection for the cover 15^a, the connection being formed by turning over the edge 16^a on the adjacent leg or flange of the U-shaped body 10^a, the said turned over portion being adapted to receive the turned over edge 16^b on the cover 15^a. Said connection is detachable by swinging the cover 15^a through a sufficient arc to cause the turned over edge 16^b to turn out of the edge 16^a.

I would state in conclusion that while the illustrated example constitutes a practical embodiment of my invention, I do not limit myself strictly to the mechanical details herein illustrated, since manifestly the same can be considerably varied without departure from the spirit of the invention as defined in the appended claims.

Having thus described my invention, I claim:

1. A flashing including a channel body adapted to receive a member at one side of the joint to which the flashing is to be applied, one flange of said body being returned on itself and carried beyond the body to constitute a projecting portion to overlap the material at the opposite side of the joint, and a cover plate hinged to said body at the opposite side of the latter from said

flange, said cover plate being of a width to extend beyond the body and overlap the adjacent material.

2. A flashing including a channel body adapted to receive a member at one side of the joint to which the flashing is to be applied, one flange of said body being returned on itself and carried beyond the body to constitute a projecting flange to overlie the material at the opposite side of the joint, and a cover plate hinged to said body at the opposite side of the latter from said flange, said cover plate being of a width to extend beyond the body and overlap the adjacent material; together with fasteners on the body adapted to engage said cover plate for holding the same in position.

3. A flashing including a channel body having a flange projecting beyond the back of the body at one side of the latter, bendable tongues on said body at the back and projecting laterally beyond the side opposite said flange, and a cover plate hinged to the body at that flange thereof adjacent to said tongues, and presenting openings through which said tongues may pass, said cover plate having a width to extend across the joint to which the flashing is applied.

4. A flashing including a channel body having a flange projecting beyond the back of the body at one side of the latter, bendable tongues on said body at the back and projecting laterally beyond the same at the side opposite said flange, and a cover plate at the side having said tongues, said cover plate having a bead thereon presenting openings and inner surfaces convergent toward said openings, said openings being adapted to receive said tongues.

OSCAR BOLL.