

1,318,330.

Fig. 1.

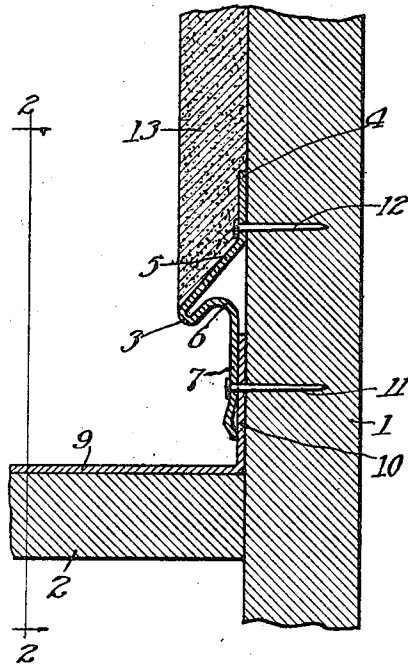
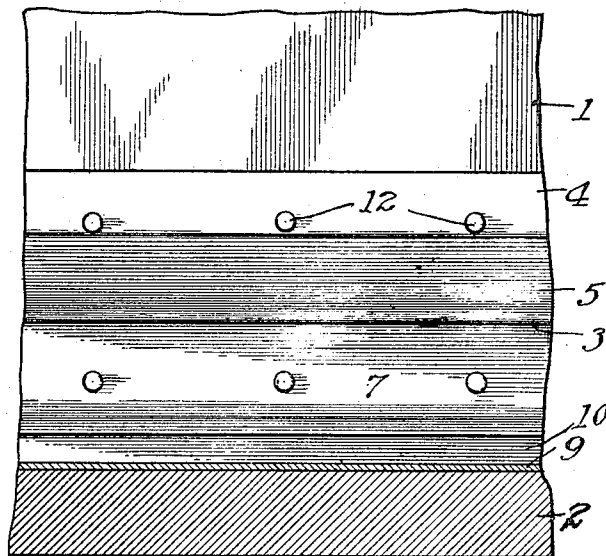


Fig. 2



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UNITED STATES PATENT OFFICE.

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BUILDING CONSTRUCTION.

1,318,330.

Specification of Letters Patent.

Patented Oct. 7, 1919.

Application filed January 14, 1918. Serial No. 211,701.

To all whom it may concern:

Be it known that I, WILLIAM D. MANN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Building Constructions, of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to building constructions and especially to means for forming fire proof and moisture and air tight joints for the same.

The object of the invention is to provide a fire proof and water and air tight joint for building constructions.

In the accompanying drawings Figure 1 is a cross section of a portion of a building with an improved protective construction embodying my invention;

Fig. 2 is a section taken on line 2—2 in Fig. 1.

Referring to the drawing, 1 represents a portion of a building construction such for example, as a part of a vertical outside wall. 2 represents another part of the building which connects with the member 1, the member 2 for example, being part of a roof connected with the outside wall 1. The structure for joining these two members may be called a flashing and consists of a metallic member 3 having a portion 4 adapted to rest against the outer side of the wall 1 and another portion 5 inclined outwardly and downwardly from the portion 4. Another portion 6 extends upwardly and inwardly in a more or less curved manner from the lower end of the portion 5, and another portion 7 extends downwardly from the end of the member 6. Another member 9 is laid flat upon the upper surface of the member 2 and has an upwardly extending portion 10 which fits in between the portion 7 and the wall 1. A fastening device such as a nail 11 passes through the portion 7 and also through the flange 10 of the member 9, and another fastening device 12 passes through the portion 4 into the wall 1. These two members 3 and 9 therefore overlap one another to form a tight joint.

As a preferred arrangement stucco 13 or other similar material is arranged upon the outer side of the wall 1 above the member 3 extending down and covering the inclined portion 5 of said wall. In case of a stucco house the material 13 is the outer layer material on the wall of said house.

Thus it will be seen that a fire proof and also a water and moisture proof construction is provided. This may obviously be applied in various parts of the building construction where various joints come together.

It will be understood that changes and modifications may be made without departing from the spirit of the invention.

What I claim is:

1. The combination with horizontal and vertical exterior walls of a building structure, of a vertically disposed member having its upper end extended along the exterior surface of the vertical wall, separate means for securing the upper portion of said member to said vertical wall, a horizontally disposed member arranged upon the horizontal wall and having an upwardly extending portion interposed between the lower end portion of said vertically disposed member and said vertical wall, securing means extended through the lower end portion of the vertically disposed member and the upper end portion of the horizontally disposed member for holding said end portions in position against the vertical wall, and finishing material covering the upper end portion of the vertical member and the fastening devices securing said portion to the vertical wall.

2. The combination with horizontal and vertical exterior walls of a building structure, of a vertically disposed member having its upper end extended along the exterior surface of the vertical wall, separate means for securing the upper portion of said member to said vertical wall, a horizontally disposed member arranged upon the horizontal wall and having an upwardly extending portion interposed between the lower end portion of said vertically disposed member and said vertical wall, securing means extended through the lower end portion of the vertically disposed member and the upper end portion of the horizontally disposed mem-

ber for holding said end portions in position against the vertical wall, and finishing material covering the upper end portion of the vertical member and the fastening devices
5 securing said portion to the vertical wall, said vertically arranged member having an outwardly inclined portion 5 located below the fastening device for the upper portion

of said member and also having a portion which extends upwardly and toward the 10 vertical wall to form a recess portion 6.

In witness whereof, I hereunto subscribe my name this 31st day of December, A. D. 1917.

WILLIAM D. MANN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."