Jan. 16, 1923.

1,442,587

E. H. STEEL.

CHIMNEY FLASHING.

FILED APR. 22, 1922.

Fig. 1.

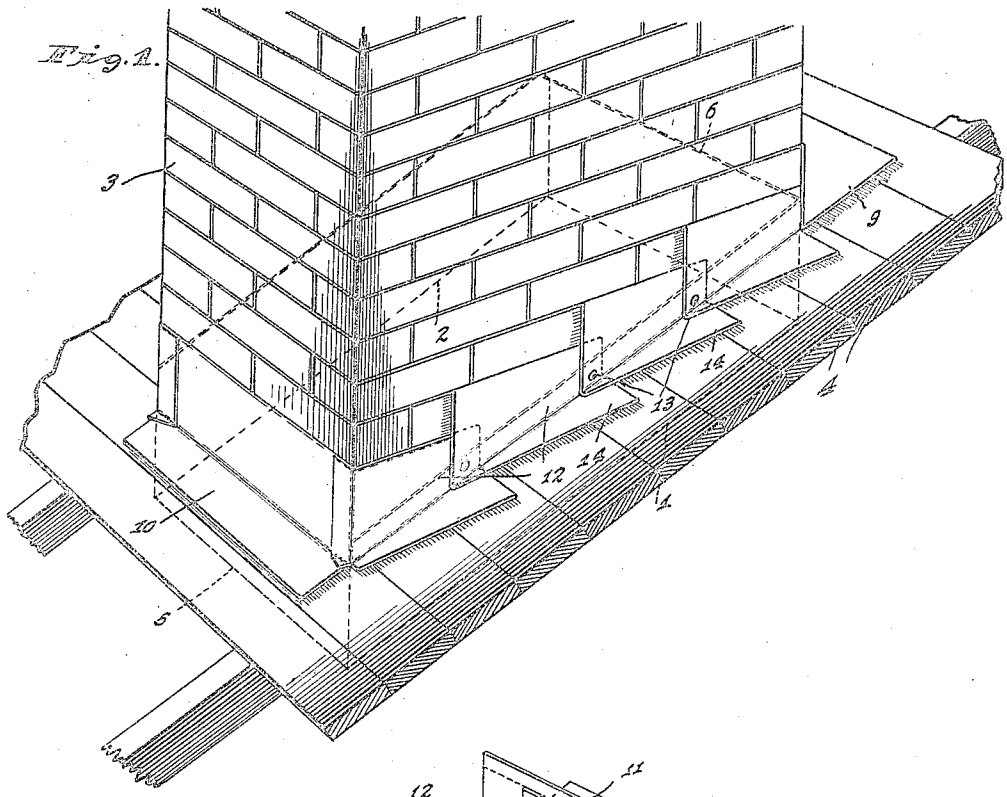
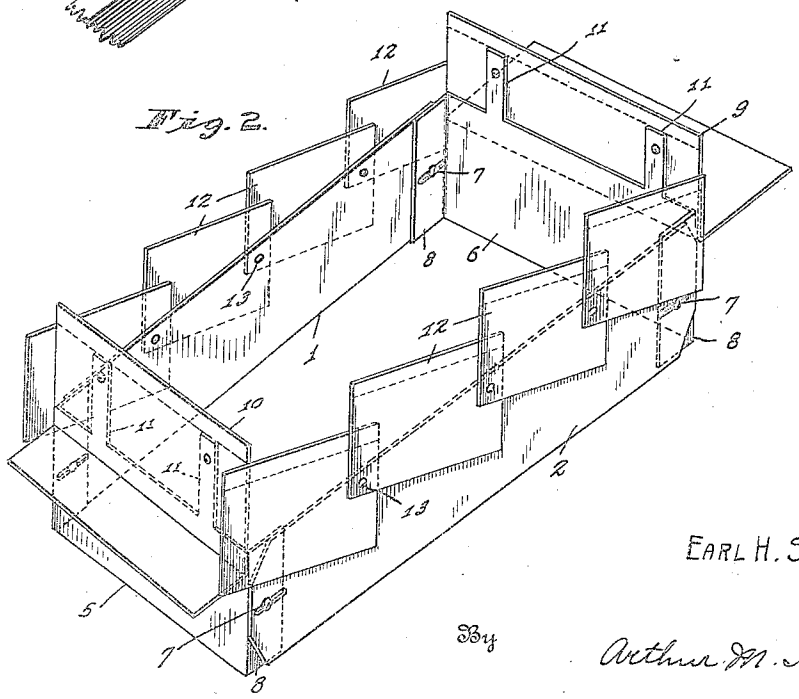


Fig. 2.



Inventor

EARL H. STEEL

By Arthur M. Hood

Attorney

Patented Jan. 16, 1923. 1,442,587

UNITED STATES PATENT OFFICE.

EARL H. STEEL, OF INDIANAPOLIS, INDIANA.

CHIMNEY FLASHING.

Application filed April 22, 1922. Serial No. 556,023.

To all whom it may concern:

Be it known that I, EARL H. STEEL, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented a new and useful Chimney Flashing, of which the following is a specification.

My invention relates to improvements in chimney flashings and has for one of its objects the provision of a unitary flashing member having means which surround the chimney and are interposed between the roof and the chimney and in addition thereto flashing members which are secured to the chimney and have outwardly flared flanges arranged to lie parallel with the roof and fit over the roof covering, so as to prevent chimney fires.

In the drawing:

Fig. 1 is a perspective view of a chimney and roof showing my flashing unit in position; and

Fig. 2 is a perspective view of the flashing unit.

In the embodiment illustrated I provide a pair of side members 1 and 2 which are arranged on each longitudinal side of the chimney 3 and lie parallel therewith at the point where the chimney passes through the opening in the roof boards. These side members are arranged to be interposed between the edges of the roof boards 4 and the chimney in the chimney opening in the roof boards. Connected to the side members 1 and 2 are end members 5 and 6 which are preferably secured to the ends of the side members by means of pivots 7 extending through inturned flanges 8 on each of the end members and through the side members so that a certain angular displacement of the side members with respect to the end members may be had without changing the plane of the end member.

The flashing strips proper are arranged to be secured to the side and end members. The end flashing strips 9 and 10 are preferably riveted or otherwise secured to integral upwardly extending fingers 11 on the end members 5 and 6 and are adapted to have their upper and lower edges turned at right angles so that the upper edge may be inserted between the courses of brick to hold the flashings in position and the lower edge extended out underneath the roof covering. The side flashing members 12 preferably consist of a series of rectangular sheets angularly disposed on the side members 1 and 2 with their corners overlapping and secured to the side members by means of rivets 13. The side flashing members 12 are so disposed on the side members 1 and 2 that with the side members in position on the chimney the upper edges of the flashing members will be parallel with the brick courses and these edges may be inturned at right angles to fit between the brick course, the lower edges of the flashing members being turned outwardly at right angles to lie parallel with the roofing boards as shown in Fig. 1. By overlapping the side flashing members as illustrated a continuous flashing strip, when their lower edges are bent outwardly as at 14, is provided along the sides of the chimney.

I claim as my invention:

1. A chimney flashing unit comprising a pair of side members arranged to lie parallel with the sides of the chimney, and a plurality of flashing strip members secured to said side members having portions overlapping and with their upper edges disposed at an angle relative to the top of the side members so that when the unit is placed in position the top edges of the flashing members will be parallel with the brick courses of the chimney.

2. A chimney flashing unit comprising a pair of side members and end members pivotally connected thereto, said members surrounding the chimney and lying parallel therewith, end flashing strips secured to the end members and side flashing members comprising a plurality of rectangular members secured on the side members and having their ends overlapped, the upper edges of said members being disposed at such an angle to the upper edges of the side members that when the unit is placed in position the upper edges of the flashing members will be parallel with the brick courses of the chimney, and said lower edges may be outwardly flared to form a substantially continuous flashing strip lying under the roof covering and parallel with the roof.

3. A chimney flashing unit comprising a collar surrounding the chimney between the roof boards and the chimney, and flashing strips associated with said collar and arranged at their upper edges to lie against the chimney and have their lower edges turned outwardly to lie parallel with the roof boards.

4. A chimney flashing unit comprising a collar composed of side members and end members pivotally secured to said side members to permit the side members to be angularly disposed with respect to the end members without changing their plane, said collar surrounding the chimney between the chimney and the roof boards, and flashing strips associated with said end and side members having a portion lying parallel with the chimney and a lower portion extending at right angles thereto and lying parallel with the roof.

In witness whereof, I have hereunto set my hand at Indianapolis, Indiana, this 17th day of April, A. D. one thousand nine hundred and twenty two.

EARL H. STEEL.