

F. C. CONKLIN.
METALLIC ROOF.

No. 178,359.

Patented June 6, 1876.

Fig. 2.

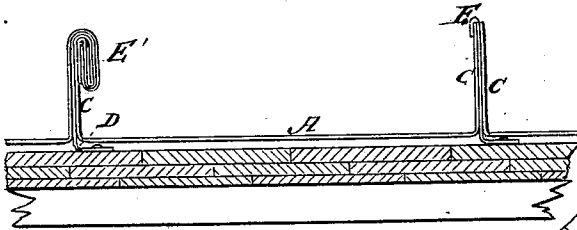


Fig. 1.

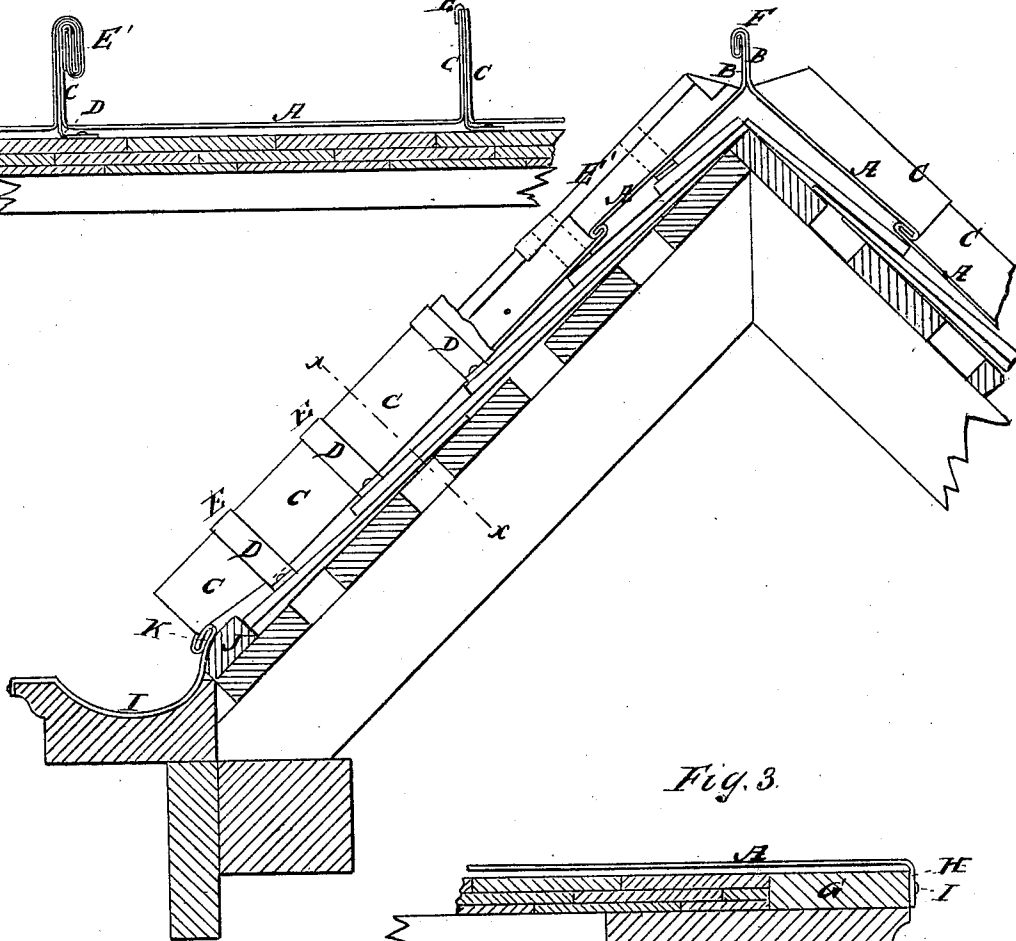
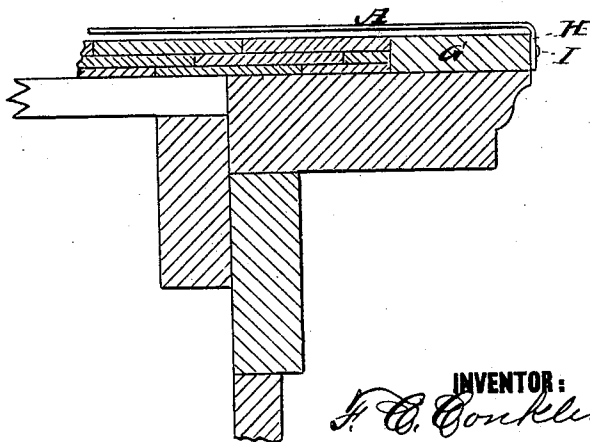


Fig. 3.



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UNITED STATES PATENT OFFICE.

FRANCIS C. CONKLIN, OF MONROE, NEW YORK.

IMPROVEMENT IN METALLIC ROOFS.

Specification forming part of Letters Patent No. **178,359**, dated June 6, 1876; application filed February 21, 1876.

To all whom it may concern:

Be it known that I, FRANCIS C. CONKLIN, of Monroe, in the county of Orange and State of New York, have invented a new and Improved Tin Roof, of which the following is a specification:

My invention consists of a contrivance for the covering of old leaky shingle roofs with tin, in such manner that the tin can be applied in a simple and cheap way, and at the same time be permanently attached without any joints exposed to become leaky.

Figure 1 is a transverse sectional elevation of a roof covered with tin according to my invention. Fig. 2 is a longitudinal section of a portion of the roof; and Fig. 3 is a detail, in longitudinal section, showing the manner of fixing the tin at the end of the roof.

Similar letters of reference indicate corresponding parts.

First, I make strips A, extending from the peak to the eaves, with a flange, B, at the top, and side flanges C. These, being placed in position, are secured at one side by the strips D, nailed on at the butt of each row of shingles, and hooked over the flange at the top, as shown at F. Then the flange C of the next strip is placed alongside of the strips D, and the edges of both flanges turned over, as at E', making substantial connection to the roof at the junction of the strips. At the peak the flanges B of the strips of both sides meet and turn at F, making a tight joint. At

the ends of the roof I cut away a narrow margin of the shingles from eaves to peak, and fit in a strip, G, of wood, over which I bend the outer edge H of the end strip A, and nail it fast to the edge of the wood strip, making a tight joint. Along the eaves I cut off the butts of the lower range of shingles, and fit in a wood strip, J, for the support of the lower ends of the strips A, and the upper edge of the eaves-trough I, and connect the latter with the roof-strips A by the seam K, making a substantial and tight joint thereat.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination, with a shingle roof, of strips A, extending from peak to eaves, having top flanges B, turned at F, and provided with side flanges C, the strips D, nailed at the butt of each row of shingles and hooked over flange at E, and the wood strip G, arranged along the margin and edge of strips A, all constructed and arranged to form a secure covering for an old shingle roof.

2. The wood strip J, arranged along the eaves of roof, and connecting the trough I with strips A by the seam K, as shown, and for the purpose specified.

FRANCIS C. CONKLIN.

Witnesses:

CHARLES W. MAPES.
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