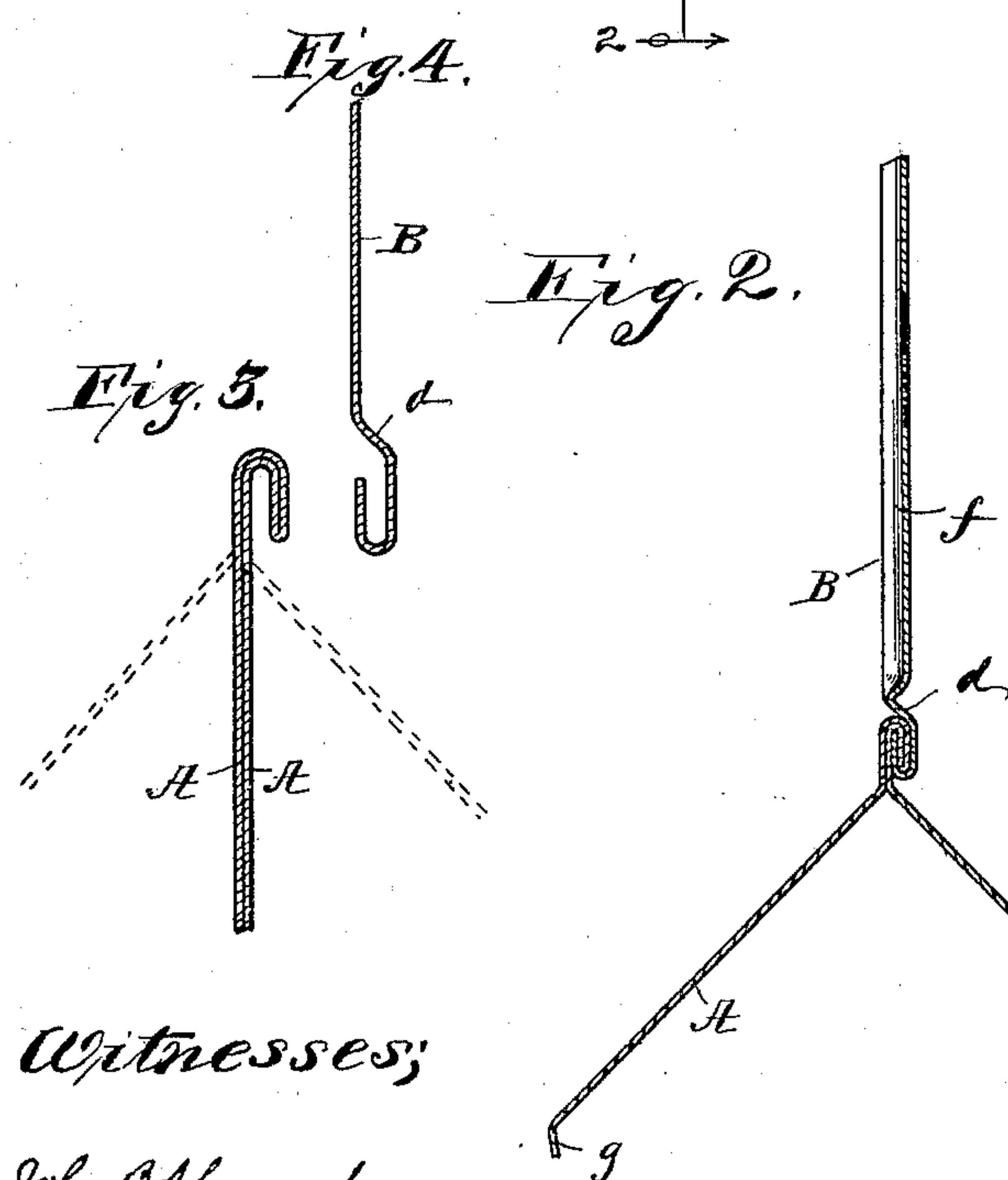
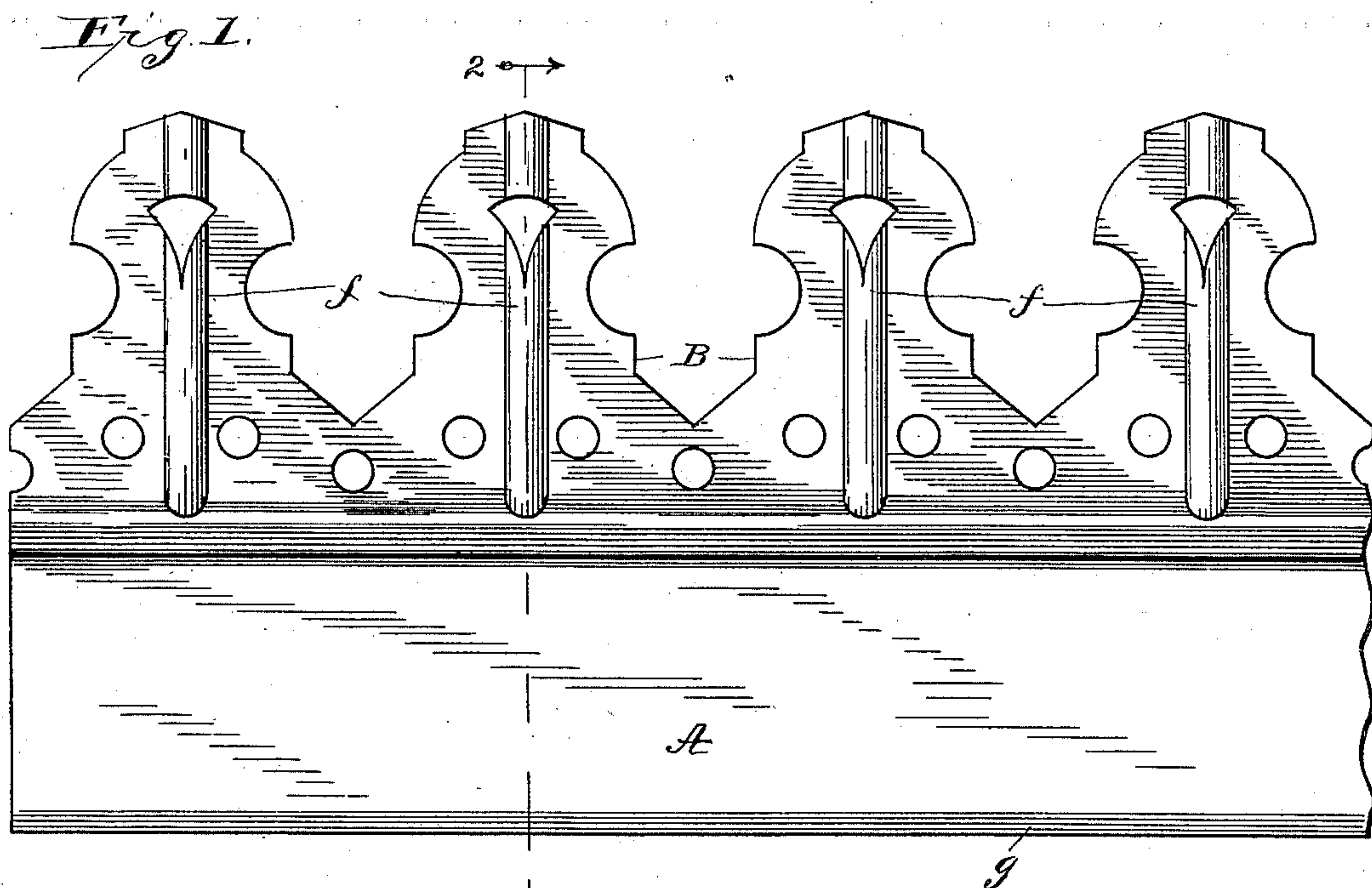


No. 701,376.

Patented June 3, 1902.

S. D. NOEL.
CREST TILE FOR ROOFS.
(Application filed Mar. 14, 1902.)

(No Model.)



Witnesses;
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UNITED STATES PATENT OFFICE.

SYLVESTER D. NOEL, OF INDIANAPOLIS, INDIANA.

CREST-TILE FOR ROOFS.

SPECIFICATION forming part of Letters Patent No. 701,376, dated June 3, 1902.

Application filed March 14, 1902. Serial No. 98,172. (No model.)

To all whom it may concern:

Be it known that I, SYLVESTER D. NOEL, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Crest-Tiles for Roofs, of which the following is a specification.

This invention relates to improvements in crest-tiles for gable roofs; and the object of the invention is to provide a metal crest-tile with laterally-adjustable leaves or flanges, whereby said crest-tile is adapted to be readily placed upon a roof of any pitch. The object also is to provide a third vertical flange, which is punched or cut into ornamental shapes, to make said vertical flange from a single thickness of metal strengthened by corrugations, so as to be sufficiently rigid to keep its shape, and to provide a strong and inexpensive means for connecting the third or ornamental member to the laterally-adjustable leaves.

I accomplish the objects of the invention by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a detail in side elevation of a section of crest-tile embodying my invention; Fig. 2, a vertical cross-section on the dotted line 2 2 of Fig. 1; Fig. 3, a detail in cross-section of the laterally-adjustable leaves ready to receive the ornamental member, and Fig. 4 a like view of said top member formed ready to be assembled with the adjustable leaves and united therewith.

Like letters of reference indicate like parts throughout the several views of the drawings.

A represents the laterally-adjustable leaves or flanges made by taking a sheet of metal of the requisite length and enough more than twice the width of the desired leaves to allow for the bending over of the parts to form the folded joint between same and the vertical ornamental flange or member B. In the first bending of the sheet the flanges are brought together in the manner shown in Fig. 3, after which the folded edge is bent over to form a hook, as shown in said Fig. 3. Then the member B, previously cut or punched to an ornamental pattern along one edge, has its opposite edge bent to form a hook in cross-section, as shown in Fig. 4. The turned edges or hooked edges in parts A and B are put together in the manner shown in Fig. 2. The

parts are then pressed together tightly, and an additional locking-bend *d* is formed in flange B close against the upper edge of flanges A, in the manner shown in the drawings. By this means the flange B is firmly secured to the flanges A without the use of rivets or solder.

The ornaments in flanges B are stiffened by corrugations *f*, made therein either before or after said flange has been united to the flanges A. These corrugations are important features of my invention, as they enable me to use a single thickness of metal for said ornamental part, and by extending down to the bends forming the joint of said flange with the lower members the corrugations prevent the loosening of the connection between the ornamental flange and its base-flanges.

After the ornamental top has been added the two members A A are spread apart, as shown by the dotted lines in Fig. 3, to suit the pitch of the roof to which the crest-tile is to be applied. The edges of the flanges may be turned in, as shown at *g g*, in the usual manner.

Having thus fully described my invention, what I claim as new, and wish to secure by Letters Patent, is—

1. As a new article of manufacture ready to be applied to a roof without any further preparation, a crest-tile constructed of a sheet of metal bent double in the center and then having its bent edge turned back upon itself so as to form a hook in cross-section and having the leaves of the lower portion opened or spread apart laterally to form flaring flanges, whereby the crest-tile is adapted to be readily placed upon a roof of any pitch; and a single vertical strip having its lower edge turned up to form a hook and having said hook inserted in the hook of the double-flange piece and the two hooked parts held firmly by being tightly pressed together, the said vertical strip being suitably ornamented.

2. As a new article of manufacture, a metal crest-tile constructed of two sheets of metal, the first of said sheets being bent double in the center and the bent edge then turned to form a hooked edge and the lower flanges of said sheet being spread apart laterally to form flaring edges, and said second sheet having its lower edge bent to form a hooked

edge which hooked edge is locked with the hooked edge of the first sheet and the two united by pressing the said edges together, the said second sheet having a plurality of
5 transverse stiffening corrugations.

3. As a new article of manufacture, a metal crest-tile constructed of two sheets of metal, the first of said sheets being bent double in the center and the bent edge then turned to
10 form a hooked edge and the lower flanges of said sheet being spread apart laterally to form flaring edges, and said second sheet having its lower edge bent to form a hooked edge which hooked edge is locked with the

hooked edge of the first sheet and the two 15 united by pressing the said edges together, the said second sheet having a plurality of transverse stiffening corrugations which extend down to the bends forming the joint between said flange and the lower members of 20 the crest-tile.

In witness whereof I have hereunto set my hand and seal, at Indianapolis, Indiana, this 1st day of March, A. D. 1902.

SYLVESTER D. NOEL. [L. S.]

Witnesses:

JOSEPH A. MINTURN,
S. MAHLON UNGER.