(No Model.)

C. B. NELSON.

METALLIC CREST TILE.

No. 417,270. Patented Dec. 17, 1889.

Fig. 1.

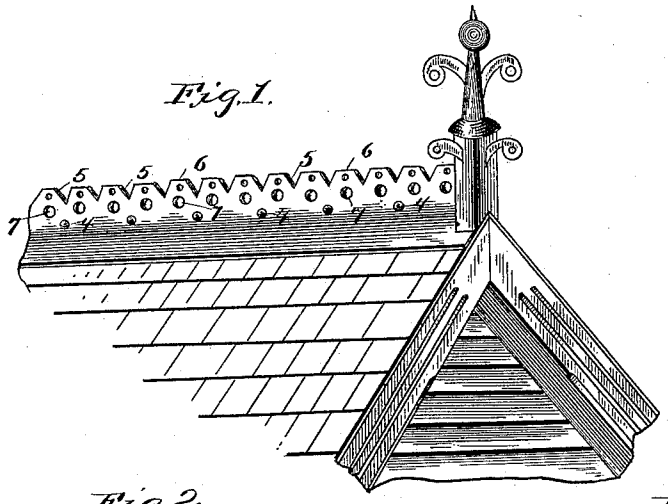


Fig. 2.

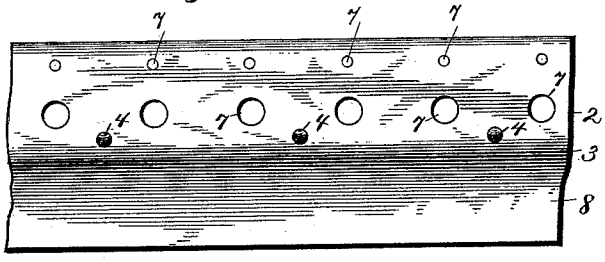


Fig. 3.

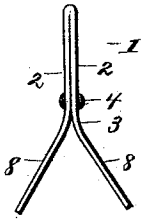
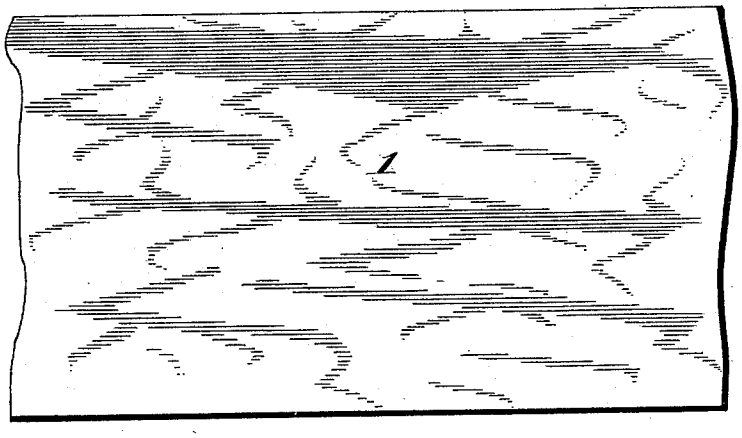


Fig. 4.



Witnesses:

E. Hurdeman

W. S. Duvall

Inventor

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By his Attorneys,

C. A. Snow & Co.

N. PETERS, Photo-Lithographer, Washington, D. C

UNITED STATES PATENT OFFICE.

CLARK B. NELSON, OF CRAWFORDSVILLE, INDIANA, ASSIGNOR OF ONE-HALF TO JAMES H. WATSON, OF SAME PLACE.

METALLIC CREST-TILE.

SPECIFICATION forming part of Letters Patent No. 417,270, dated December 17, 1889.

Application filed June 15, 1889. Serial No. 314,341. (No model.)

To all whom it may concern:

Be it known that I, CLARK B. NELSON, a citizen of the United States, residing at Crawfordsville, in the county of Montgomery and State of Indiana, have invented a new and useful Lightning-Rod, of which the following is a specification.

The invention relates to improvements in metallic crest-tiles.

The object of the present invention is to produce as a complete article ready to be applied to a roof a metallic crest-tile of simple and inexpensive construction capable of being readily secured to the ridge of a roof and adapted to receive any desirable ornamentation.

The invention consists in doubling a sheet-metal blank longitudinally in the center, then riveting the same lengthwise near the center, punching and cutting the upper portion in any design, and spreading the lower portion laterally and forming flaring flanges to be secured to a roof.

In the drawings, Figure 1 is a perspective view of a portion of the roof of a house provided with a metallic crest-tile constructed in accordance with the invention. Fig. 2 is a side elevation of the blank after being folded and before the notches are cut. Fig. 3 is a transverse view, and Fig. 4 is a view of the blank from which the crest-tile is made.

Like numerals of reference indicate similar parts in all the figures of the drawings.

1 represents the blank, which may be of copper or any other suitable sheet metal of any width, and the same is bent longitudinally at its center by means of an ordinary cornice-brake, forming leaves 2, which lie flat against each other. At about the longitudinal center of the leaves the same are riveted lengthwise, and the series of rivets 4 divide the doubled blank into an upper and a lower portion. The upper portion of the blank is then punched and cut in any suitable design, the recesses or notches 5 and the portion 6 between the notches being of any desired form and the openings 7 being arranged in any preferred manner. The lower portion is then spread by inserting it within a cornice-brake, thereby forming flaring flanges 8 at the bottom, the series of rivets 4 holding the leaves together above the point where the flare commences.

By reason of the flexibility of the flaring flanges 8 a gable-roof of any pitch whatever may be provided with a crest-tile constructed in accordance with the invention, it being simply necessary, in order to adapt the crest-tile thereto, to bend the flanges 8 to or from each other. The flanges are ordinarily secured to the roof by tacks or nails.

What I claim is—

As a new article of manufacture ready to be applied to a roof without any further preparation, a crest-tile constructed of a single sheet of metal doubled in the center, then riveted lengthwise near the center, so as to form an upper and lower portion, and having the leaves of the upper portions 2 lying flat against each other and being cut and punched in any design, 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, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

CLARK B. NELSON.

Witnesses:

MELVILLE W. BRUNER,

CHAS. M. TRAVIS.