(No Model.)

C. COMSTOCK.

METALLIC ROOFING SHINGLES.

No. 267,674. Patented Nov. 21, 1882.

Fig. 1.

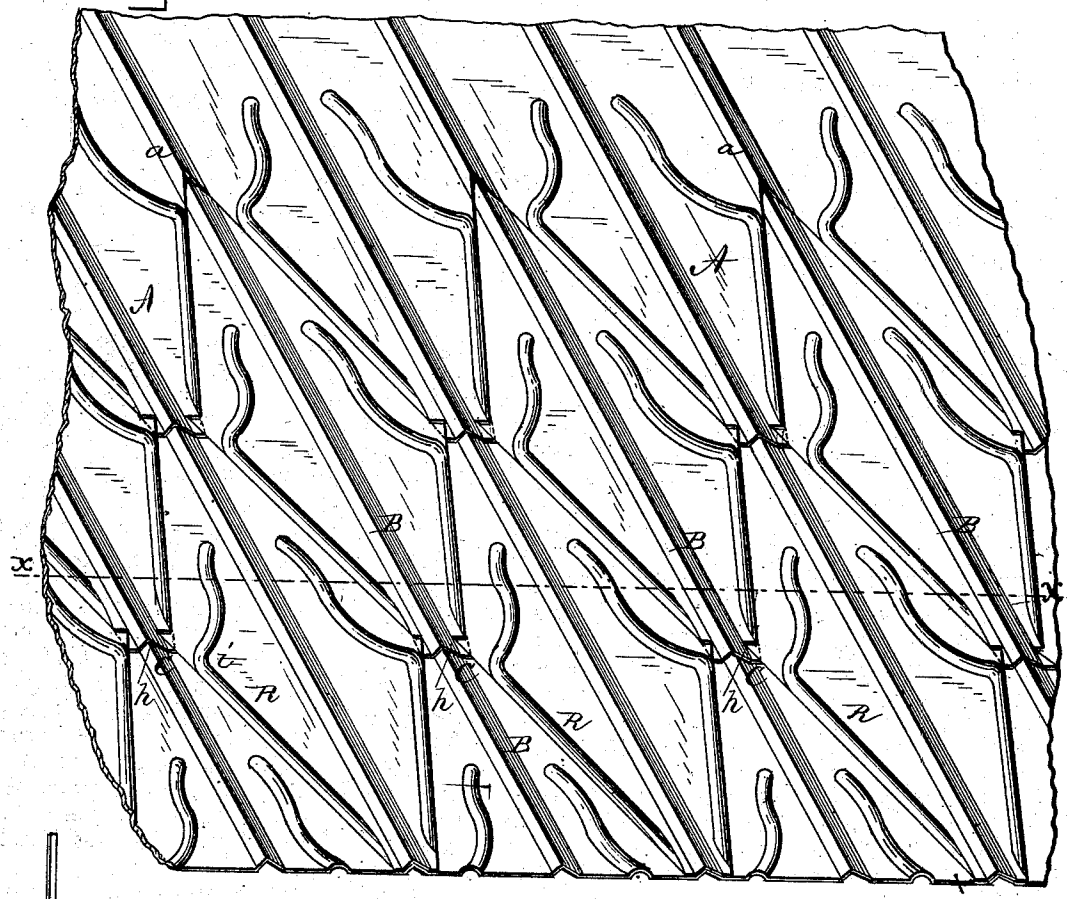


Fig. 2.

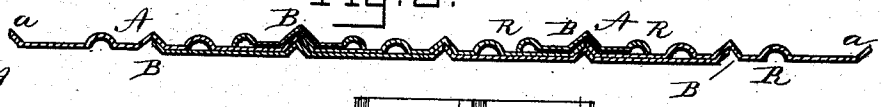


Fig. 3.

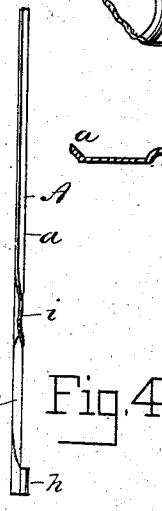
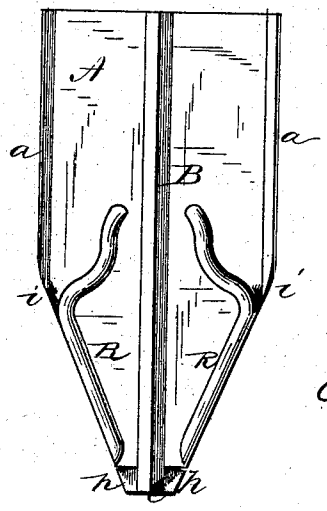


Fig. 4.



WITNESSES

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INVENTOR

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UNITED STATES PATENT OFFICE.

CHESTER COMSTOCK, OF NEW CANAAN, CONNECTICUT, ASSIGNOR TO THE ANGLO-AMERICAN ROOFING COMPANY, OF NEW YORK, N. Y.

METALLIC ROOFING-SHINGLE.

SPECIFICATION forming part of Letters Patent No. 267,674, dated November 21, 1882.

Application filed January 21, 1882. (No model.)

To all whom it may concern:

Be it known that I, CHESTER COMSTOCK, of New Canaan, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Metallic Shingles for Roofing Purposes, of which the following is a specification.

This invention relates to improvements on the sheet-metal diamond-pointed shingles described and shown in United States Letters Patent No. 207,989, granted to Henry W. Shepard September 10, 1878, the object being to provide means whereby the points of the shingle can be held in place without necessitating the formation of slits in the body of the shingle to receive the point of the overlapping shingle.

My invention consists in providing a projection or hook on each side of the point of the shingle by making a slit in the metal on each side just below the lower ends of the hollow ribs which extend along the inclined edges, and in springing up the metal at the obtuse corners of each shingle, so that the hooks of the overlapping shingle will pass under the adjoining edges of the two underlying shingles, and thereby hold the point in place.

In the accompanying drawings, Figure 1 is a plan view of several shingles applied to a roof. Fig. 2 is a cross-section taken on the line, Fig. 1. Fig. 3 is a plan view of one shingle containing my improvements; and Fig. 4 is a side-edge view of the shingle.

Similar letters of reference indicate corresponding parts in all the figures.

Each shingle A is provided with a central longitudinal hollow rib, B, and has its parallel edges *a a* turned upward, so that the adjoining parallel edges *a a* of two shingles will enter the under side of the rib B of the overlapping shingle. Hollow ribs R R are formed along the inclined edges of each shingle, terminating at their lower ends a short distance above the point C of the shingle. The upper ends of these ribs R R curve inwardly, forming slightly smaller hollow ribs. The metal on each side of the rib B at the point C is slit just below the termination of the ribs R R to form the hooks *h h*, and the metal at the obtuse corners *i i* of each shingle is sprung up, so that the hooks *h h* of an overlapping shingle will pass under the adjoining corners *i i* of the two underlying shingles, and the point C of the overlapping shingle will be firmly held in place.

In practice it has been found that the slots in the Shepard shingle would not always be entirely closed by the point of the overlapping shingle, and hence leaks would occur through these slots. By my invention I obviate this difficulty, the point of the overlapping shingle being firmly held in place, and the driving of rain upward between the courses absolutely prevented.

I do not broadly claim in a metallic shingle hooks adapted to be drawn under the obtuse corners of the two adjoining underlying shingles to hold the point of the overlapping shingle in place.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A metallic shingle of substantially the construction shown and described, having lateral slits in the sides of its point, and the adjacent metal below such slits formed into hooks, substantially as and for the purposes specified.

2. A metallic shingle having hooks at its point and sprung-up portions at its obtuse corners, whereby such a shingle is adapted for combination with other like shingles, substantially as shown and described.

CHESTER COMSTOCK.

Witnesses:

ERNEST C. WEBB,

CHAS. DE L. YOUNG.