(No Model.)

J. W. CRABBE.

ROOFING AND SIDING BOARD.

No. 318,872. Patented May 26, 1885.

Fig. 1.

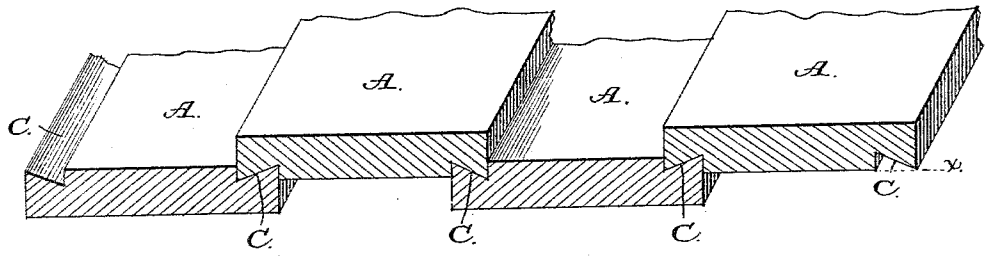
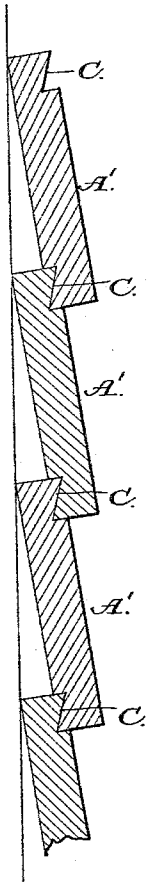


Fig. 2.



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UNITED STATES PATENT OFFICE.

JAMES W. CRABBE, OF BROOKLYN, NEW YORK.

ROOFING AND SIDING BOARD.

SPECIFICATION forming part of Letters Patent No. 318,872, dated May 26, 1885.

Application filed March 12, 1885. (No model.)

To all whom it may concern:

Be it known that I, JAMES W. CRABBE, of the city of Brooklyn and State of New York, have invented a new and useful Improvement in Roofing and Siding Boards and a Tool for Producing Same; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

My invention has for its object the production of a new form of board for roofing and siding purposes, which, when laid to overlap at its edges corresponding boards, shall produce therewith a close tight joint, and thus make a superior roof or siding for all manner of buildings with the least possible expenditure of labor and material.

It consists in cutting upon one or both edges of a board suitable for roofing or siding an inwardly-inclined rabbet of such form as that any two of the rabbeted edges when superimposed shall form a close joint which may be readily made fast with nails or screws, so as to prevent a leakage of air or water through the same, and which will permit of expansion or contraction without opening the joint.

In the accompanying drawings, Figure 1 is a perspective view, partly in section, of a portion of a roof constructed with my improved boards; Fig. 2, a vertical cross-section of the side of a house covered with my improved boards laid horizontally.

A represents my improved board for roofing purposes; C, an inwardly-inclined rabbet cut longitudinally upon the edge of the board into the face thereof. The inner side of the rabbet is cut at a right angle with the face of the board, and the bottom of the rabbet is made to slope from its extreme depth at the inner side to a plane coincident with the face of the board at its outer edge. (See dotted line *x* at right of Fig. 1.) For roofing and for vertical siding the inwardly-inclined rabbet *c* is cut in both edges of the same face or side of each board. (See Fig. 1.) For horizontal siding a rabbet is cut, as described, in each face upon diagonally-opposite edges of the board, as shown in Fig. 2.

In a roof or siding constructed with my boards the contraction of the boards will operate to tighten the joints by reason of the drawing apart of the opposite beveled surfaces of the joints, while the form of the joints is adapted to prevent the ingress of water thereat.

I do not claim the combination of two edge-rabbeted boards, the one having a double inclined and the other a grooved bevel, as set forth in the Patent No. 148,346, of 1874; nor boards having a wedge-shaped tenon on the one edge and a V-shaped groove on the opposite edge, as set forth in the Patent No. 128,896, of 1872; but

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

1. A roofing or siding board formed with counterpart single-faced inwardly-inclined rabbets C C, upon both its lateral edges, substantially in the manner and for the purpose herein set forth.

2. The combination with each other of two or more boards, each having single counterpart inwardly-inclined rabbets formed upon both edges thereof, and superimposed so that the rabbet of the one shall overlap the corresponding rabbet of the other, substantially in the manner and for the purpose herein set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JAMES W. CRABBE.

Witnesses:
JOHN A. ELLIS,
A. B. MOORE.