J. Sweetser.

Shingle.

No. 25,288. Patented Aug. 30, 1859.

Fig. 2. A

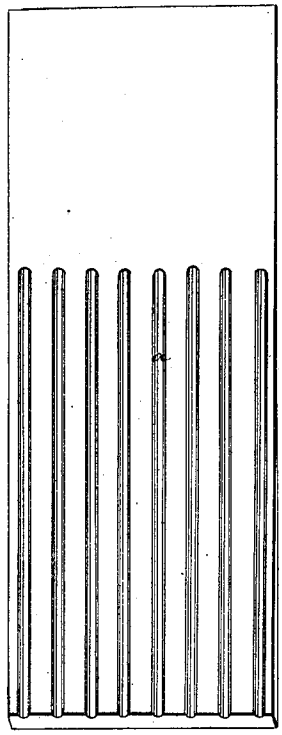


Fig. 3. B

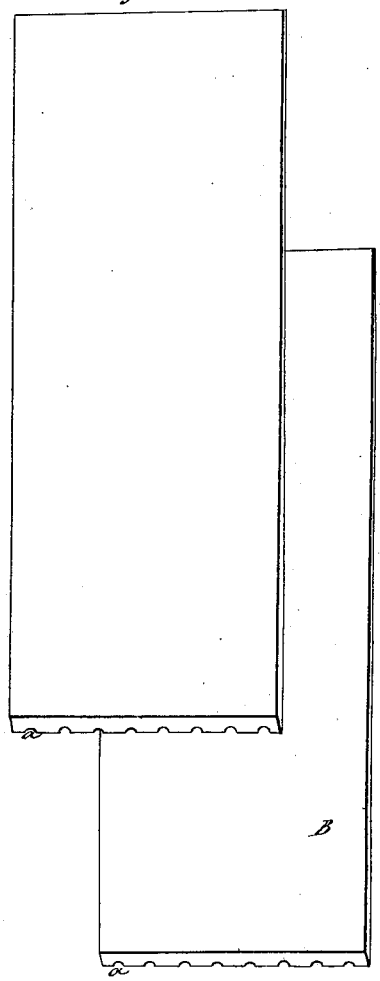
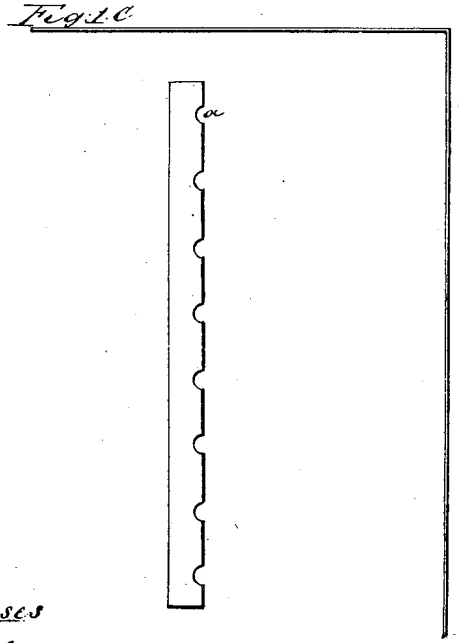


Fig. 1. C



Witnesses
Isaac P. Gurney
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UNITED STATES PATENT OFFICE.

JOSEPH SWEOTSIR, OF BIDDEFORD, MAINE.

SHINGLE.

Specification of Letters Patent No. 25,288, dated August 30, 1859.

To all whom it may concern:

Be it known that I, JOSEPH SWEOTSIR, of Biddeford, in the county of York, in the State of Maine, have invented a new and Improved Mode of Increasing the Durability of Shingles; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

The nature of my invention consists in fluting the shingles from the butts toward the points, admitting the ingress and egress of the air under and between the shingles and preventing them from molding in the bundles and rotting when laid on buildings, and causing sawed shingles to last as long as shaved shingles.

To enable others skilled in the art to use my invention, I will proceed to describe my mode of preparing the shingles.

With a machine or tools made for the purpose I gouge out small grooves or flutes from the butt end of the shingle to within a few inches of the point or thin end, always on the side of the shingle to be laid down and sometimes on the upper side also of sawed shingles to carry off water more rapidly in and after rains.

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

This fluting of the shingles.

JOSEPH SWEOTSIR.

Witnesses:

H. FAIRFIELD,

E. STILES.