

T. BAILEY.

Improvement in Process for Preparing Wood
for Roofing, &c.

No. 125,251.

Patented April 2, 1872.



A

Witnesses

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UNITED STATES PATENT OFFICE.

THURMAN BAILEY, OF BRIDPORT, VERMONT.

IMPROVEMENT IN PROCESSES FOR PREPARING WOOD FOR ROOFING, &c.

Specification forming part of Letters Patent No. 125,251, dated April 2, 1872.

SPECIFICATION.

To all whom it may concern:

Be it known that I, THURMAN BAILEY, of Bridport, in the county of Addison and State of Vermont, have invented certain new and useful Improvements in Process for Putting on Roofing Compound; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon which form a part of this specification.

The nature of my invention consists in an improved method of preparing wood for roofing, siding, and other purposes, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and the manner of preparing, reference being had to the annexed drawing, which represents a cross-section of a board prepared by my process.

A represents the board, which is cut of any desired thickness, &c., with such an edged knife as will check or sliver one side of the board, as shown, so as to destroy, in a great measure, the tendency of the board to shrink or swell, when finished, by the following process: The boards, being seasoned, are immersed in a bath of coal-tar, or its equivalent, in which there is some pulverized mineral substance. The bottom of the bath being circular, the boards are put in edgewise and carried down into the bath, with the checks in such a position that they will open and fill

when the boards become warped, to conform to the bottom of the bath, where the mineral substance is inclined to settle, as the bath is kept hot to liquefy the coal tar. After being thus filled, they are partially wrung dry by passing between rollers endwise to straighten the boards and close the checks. Then the upper surface is finished by covering the surface with some dry mineral substance and subjecting the thus-covered or coated board to heat or pressure, or both, to incorporate the said mineral substance with the surface of the board to render it impervious to water and non-combustible; or the upper or outer surface of the board may be covered with pitch instead of the mineral substance.

I am aware that boards for roofing, &c., have been prepared by punching or perforating, and then coating with bituminous preservative agents; this I do not claim, as boards so prepared are liable to scale upon cooling and contracting.

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

The process herein described of preparing wood, substantially as and for the purposes herein set forth.

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

THURMAN BAILEY.

Witnesses:

JOSEPH K. FERRE,
CARRI P. FERRE.