

A. C. WHITE.

MODE OF DRESSING ENAMELED MOLDING.

No. 171,455.

Patented Dec. 21, 1875.

Fig: 1.

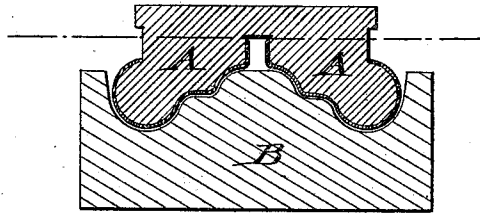


Fig: 2.

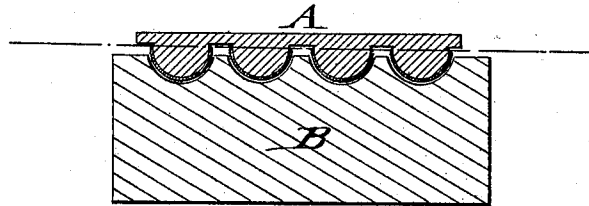
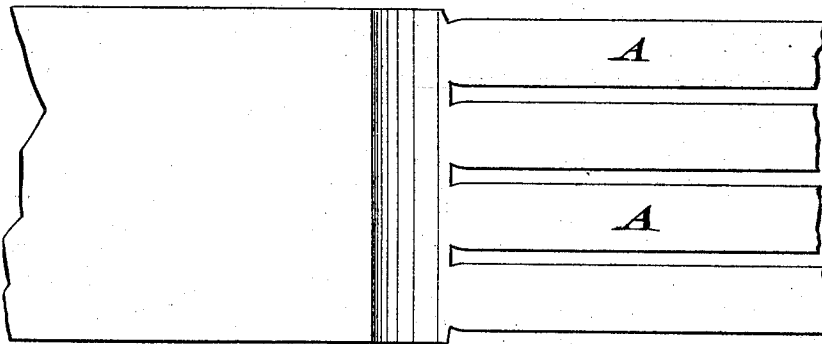


Fig: 3.



WITNESSES:

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IMPROVEMENT IN MODES OF DRESSING ENAMELED MOLDINGS.

Specification forming part of Letters Patent No. **171,455**, dated December 21, 1875; application filed May 8, 1875.

To all whom it may concern:

Be it known that I, ALBERT C. WHITE, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Mode of Dressing Enameled Moldings, of which the following is a specification:

The object of my invention is to so improve the dressing or planing off of enameled moldings that their connecting base or backing of wood may be cut off to the exact degree required by being merely passed through the power-planer.

The enameled moldings were heretofore sawed or planed off at the back until the moldings were merely connected by a thin sheet or layer of wood, so that they could be readily split and separated to be then planed off by hand, and finally sandpapered. This necessitated a great number of hands, and made their manufacture expensive.

For the purpose of cutting off the moldings from their connecting wood base or backing in a rapid, accurate, and very reliable manner by the use of a power-planer, and for dispensing with the hand-planing and sandpapering, I pass the moldings through the planer by placing them in a bed-piece with corresponding grooves and of equal length and width, and feeding them to the cutter set to the exact thickness of wood required to be cut off.

In the drawing, Figures 1 and 2 represent vertical transverse sections of different forms of enameled moldings as seated in their bed-pieces ready for being passed through the planer; and Fig. 3 shows a bottom view of a strip of molding, as partially dressed by the planer.

Similar letters of reference indicate corresponding parts.

A represents moldings of different shapes, of which a certain number is cut out of one piece of timber sidewise of each other, and enameled in the well-known manner by being

passed through suitably-shaped gages. After the enamel is perfectly dry the moldings are placed with face downward into bed-pieces B of equal length and width therewith, which are grooved to correspond to the shape and number of the moldings in one piece. The base or connecting wood part of the molding is thus brought above the bed-pieces, and is exposed to the revolving cutter of the planer by being fed through the same.

The cutters are adjusted to take off the wood at the exact true base of the moldings, as indicated by dotted lines in Figs. 1 and 2, leaving thereby the moldings of uniform size and finish in the grooves of the bed-pieces, without requiring any extra planing or sandpapering.

The face of the molding is not scratched or otherwise injured in this manner, as their entire surface is snugly embedded and held in the bed-pieces during the passage through the planer, by means of pressure-dogs or rubber rollers.

Several bed-pieces are employed for keeping up a continuous feed through the planer.

Moldings of superior finish and accuracy are thus produced with great rapidity and economy, as compared to the slow and expensive method of dressing them by hand.

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

The method herein described of dressing or planing off enameled moldings by passing them through a planer seated in correspondingly-grooved bed-pieces, and cutting off the the connecting wooden back or base to the exact true base of the moldings, substantially in the manner and for the purpose set forth.

ALBERT C. WHITE.

Witnesses:

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