

H. STANTON.
Boot and Shoe Brad.

No. 70,642.

Patented Nov. 5, 1867.

Fig. 1. Fig. 2.

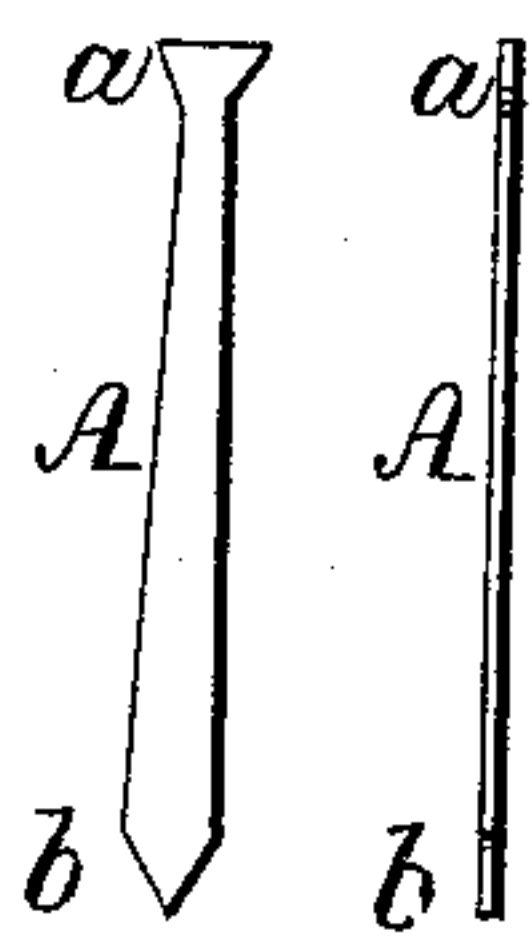
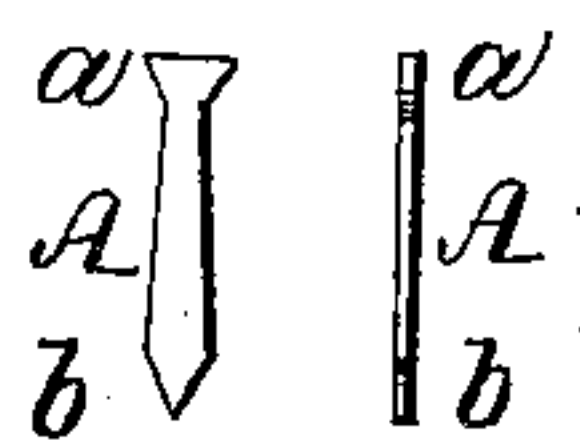


Fig. 3. Fig. 4.



Witnesses

J. A. Morley
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HENRY STANTON, OF SYRACUSE, NEW YORK.

Letters Patent No. 70,642, dated November 5, 1867.

IMPROVED FINISHING-BRAD.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, HENRY STANTON, of Syracuse, in the county of Onondaga, and State of New York, have invented a new and useful Improvement in Finishing-Brads; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side or face view of one of the larger-sized brads, and

Figure 2 is an edge view of the same.

Figures 3 and 4 are the same views of a smaller-sized brad.

Similar letters of reference indicate corresponding parts.

An important object in all finishing-brads is to so construct them that they shall have, with a given quantity of metal, the least liability to split the wood in fine work; and I improve this quality by making them considerably thinner than heretofore, and giving them increased width of body, and at the same time construct them of a dove-tail form, so that they may bind the pieces of wood upon each other more firmly, and cause such binding together of the wood to assist to resist side strain, or such strain as comes in the weakest direction of the brad, and by these means obtain a brad with less tendency to rupture the wood than ordinarily, as hereinafter explained.

In the accompanying drawing, A is the body of the brad; *a* its head, and *b* its point. These brads are cut out of thin sheet metal, and are perfectly flat and straight upon their sides, as shown by figs. 2 and 4. The body A is made tapering upward from its point *b* to its head *a*, (figs. 1 and 3.) The head is made double, and has easy angles for entering the wood, and breaks the wood less than a brad having a square-angled head, and the wood requires less sand-papering to finish it up after the fastenings are in. The side angles of the head are made at an angle of about forty-five degrees with relation to its top, and these side angles run from the top to the body A. The point *b* of the brad is made sharp, and its length about the same as that of the head *a*, and its side angles are about the same as those of the head.

These brads are well spoken of by artisans and mechanics who have been supplied with them.

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

An improved article of manufacture, the finishing-brad, made as herein shown and described, as and for the purpose set forth.

The above specification of my invention signed by me this 27th day of March, 1867.

HENRY STANTON.

Witnesses:

F. A. MORLEY,

P. LYNCH.