

M. D. WHIPPLE.
Blank for Horseshoe Nails.

No. 41,881.

Patented March 8, 1864.

Fig. 3.

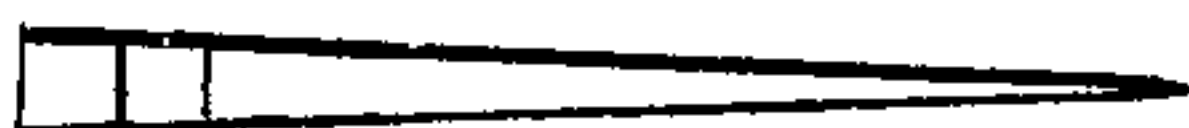


Fig. 2.

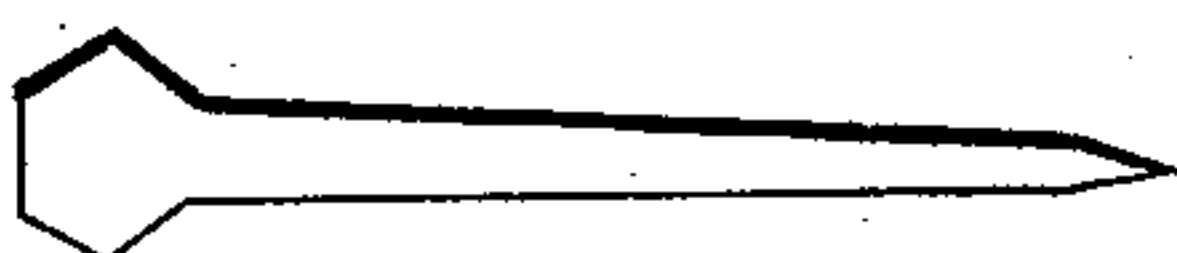
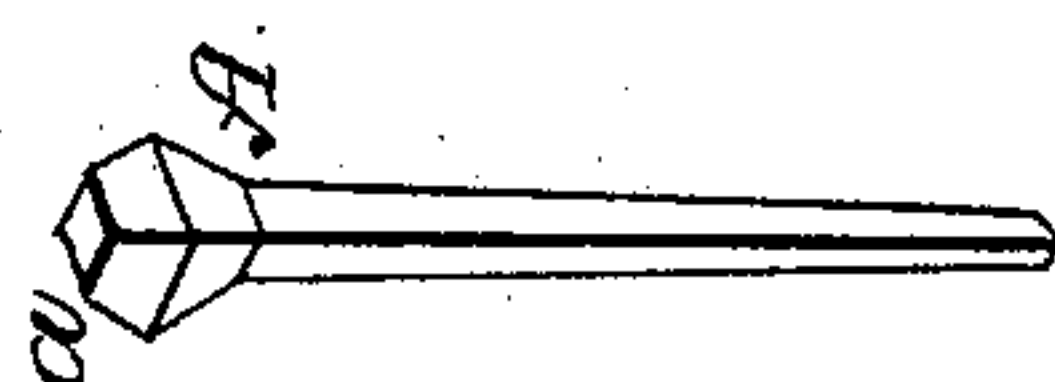


Fig. 1.



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MILTON D. WHIPPLE, OF CAMBRIDGE, MASSACHUSETTS.

IMPROVED BLANK FOR HORSESHOE-NAILS.

Specification forming part of Letters Patent No. 41,881, dated March 8, 1864.

To all whom it may concern:

Be it known that I, MILTON D. WHIPPLE, of Cambridge, in the county of Middlesex and State of Massachusetts, have invented an Improved Blank for Horseshoe-Nails, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 represents a view of my improved blank. Fig. 2 is a plan of a finished horseshoe-nail as made from the same, and Fig. 3 a side elevation of Fig. 2.

Horseshoe-nails have been made by various machines which perform the several operations of cutting the nail-strip, upsetting the head by dies or punches, and reducing the point to the required taper by means of rollers or hammers whose surfaces are adapted to this end.

The object of my invention is to produce a blank of such a form as will make a horseshoe-nail with greater facility and of better finish than machines now in use; and it consists in giving the head of the blank the form of two frusta of pyramids having a common base, the shank tapering therefrom to the point, as seen in Fig. 1, said blank being made by machines provided with heading-dies to correspond to the conformation required. The ma-

chinery which converts said blank into a perfect horseshoe-nail will be made the subject of another application for Letters Patent, which is now being prepared.

To enable others skilled in the art to understand my invention, I will proceed to describe the manner in which I have carried it out.

In the accompanying drawings, A is my improved blank for horseshoe-nails, the strip of iron being of the usual form and of sufficient width to form the head *a*, which receives the peculiar shape shown in Fig. 1 by means of a machine provided with countersunk dies of a corresponding form, while the shank is sheared tapering, as required. This blank may afterward be flattened and drawn out in a suitable machine, so as to form a finished horseshoe-nail, Figs. 2 and 3; or this may be done by hand, if preferred.

What I claim as my invention, and desire to secure by Letters Patent as a new article of manufacture, is—

A blank for horseshoe-nails substantially of the form herein shown and described.

MILTON D. WHIPPLE.

Witnesses:

N. W. STEARNS,

P. E. TESCHEMACHER.