

N. C. LEWIS.
Method of Making Horseshoe-Nails.

No. 200,315.

Patented Feb. 12, 1878

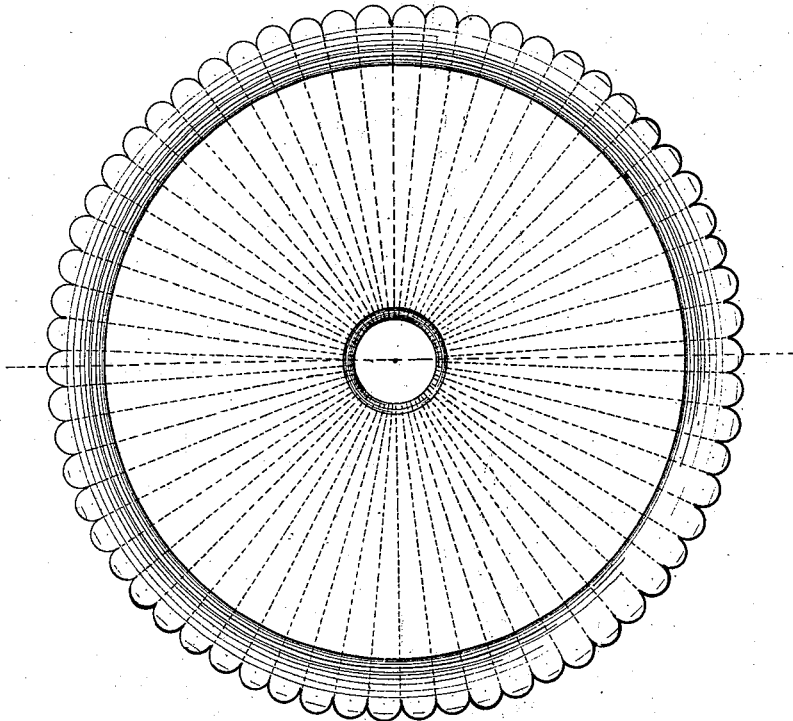
Fig. 1.



Fig. 2.



Fig. 3.



Witnesses.
G. W. Catimer.
Ch. Houghton.

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UNITED STATES PATENT OFFICE.

NATHAN C. LEWIS, OF BROOKLINE, MASSACHUSETTS.

IMPROVEMENT IN METHODS OF MAKING HORSESHOE-NAILS.

Specification forming part of Letters Patent No. **200,315**, dated February 12, 1878; application filed January 2, 1878.

To all whom it may concern:

Be it known that I, NATHAN CHILDS LEWIS, of Brookline, in the county of Norfolk and Commonwealth of Massachusetts, have invented a new Method of Making Horseshoe-Nails, which is fully set forth in the following specification.

In the drawing annexed, Figure 1 shows a sectional view of a metal disk from which the nails are cut. Fig. 2 shows a nail cut from the disk, and Fig. 3 shows a top view of the disk as it is prepared to be cut into nails.

My invention consists in preparing a blank of metal, suitable for horseshoe-nails, in the form of a circular plate, with a thickness at its outer edge suitable for the heads of the nails, the thickness varying to a hole in the center, so as to correspond with the desired graduated thickness of a horseshoe-nail from the head to the point, and then, by the use of a punch and die of the size and shape of the desired nail, first cutting out one nail from the plate, and then

every alternate nail until the whole plate or disk is cut into nails.

I do not wish to confine the preparation of the circular plate or blank from which the nails are to be cut to any particular method. They may be struck up with suitably-shaped dies, or in any other way which will leave the metal in a suitable condition to make horseshoe-nails.

I claim—

The described method of manufacturing horseshoe-nails, which consists in first preparing a circular plate with a central opening, the section of the plate being that of the nail, and subsequently punching the nails therefrom in radial lines, substantially as and for the purpose described.

NATHAN CHILDS LEWIS.

Witnesses:

CHS. HOUGHTON,
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