D. CAREY.

Horseshoe.

No. 161,860. Patented April 13, 1875.

Fig. 1.
Reduced.

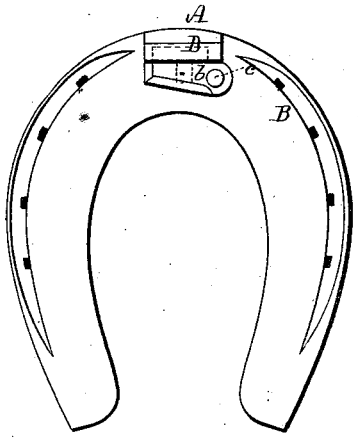


Fig. 2.

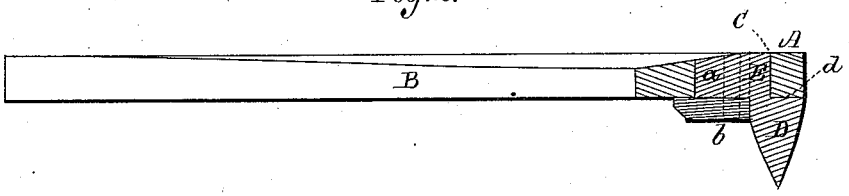
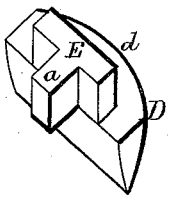


Fig. 3.



WITNESSES.
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W. E. Boardman.

Dennis Carey.
Y. Curtis. Atty.

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UNITED STATES PATENT OFFICE.

DENNIS CAREY, OF LYNN, MASSACHUSETTS.

IMPROVEMENT IN HORSESHOES.

Specification forming part of Letters Patent No. **161,860**, dated April 13, 1875; application filed March 8, 1875.

To all whom it may concern:

Be it known that I, DENNIS CAREY, of Lynn, in the county of Essex and State of Massachusetts, have invented a certain Improvement in Adjustable Calks for Horseshoes, of which the following is a specification:

This invention relates to means for applying toe or heel calks to horseshoes, whereby they may be readily and expeditiously applied and removed; and my invention consists in forming upon the upper side of the calk a tenon of peculiar shape, and combining with the shoe a turn-button for covering or overlapping a portion of this tenon, and thus retaining the calk in place, a socket being formed in the shoe to receive the tenon, and the whole being as hereinafter explained.

The drawings accompanying this specification represent, in Figure 1, an under-side view of a horseshoe containing my invention, while Fig. 2 of such drawings exhibits a vertical section of the same. Fig. 3 represents a perspective view of the toe-calk removed from the shoe.

In carrying my improvement into practice I form in the toe portion of the shoe B, as also in each heel of the same, an orifice or socket, C, which in horizontal section is practically T-shaped, and I form upon the upper edge of each calk (the toe-calk D being shown in the present instance) a tenon, E, of a form and length, as well as size, to correspond to the orifice C, such tenon being intended to fit tightly within such orifice. The branch or offset *a* of the tenon E overhangs the body of the calk, and when the latter is applied to the shoe a turn-button, *b*, overlaps or turns under the same, and by this means confines the calk securely in place within its socket. The button *b* is pivoted at its base to the under side of the shoe, and to one side of the orifice C, as shown at *c*, and in such a position with respect to the calk that when turned inward it shall abut lengthwise against the side of such calk, if the toe, and endwise against the heel-calks, and cover or extend under the spur *a*, as stated. The upper surface of the calk is prolonged beyond the front face of the tenon E, as shown at *d* in the drawings, and presents a broad and durable bearing against the under side of the shoe, to receive and sustain the strains and shocks which otherwise would be exerted upon the tenon.

A calk made and confined to a shoe as above explained is readily applied and removed, and enables the owner or driver of a horse to keep the animal's shoes sharp without the labor and time required to remove the shoe and return it.

I claim—

The calk constructed with a T-shaped tenon, and secured to the shoe B by the button *b*, substantially in the manner described.

DENNIS CAREY.

Witnesses:

F. CURTIS,

JOSEPH E. WATTS.