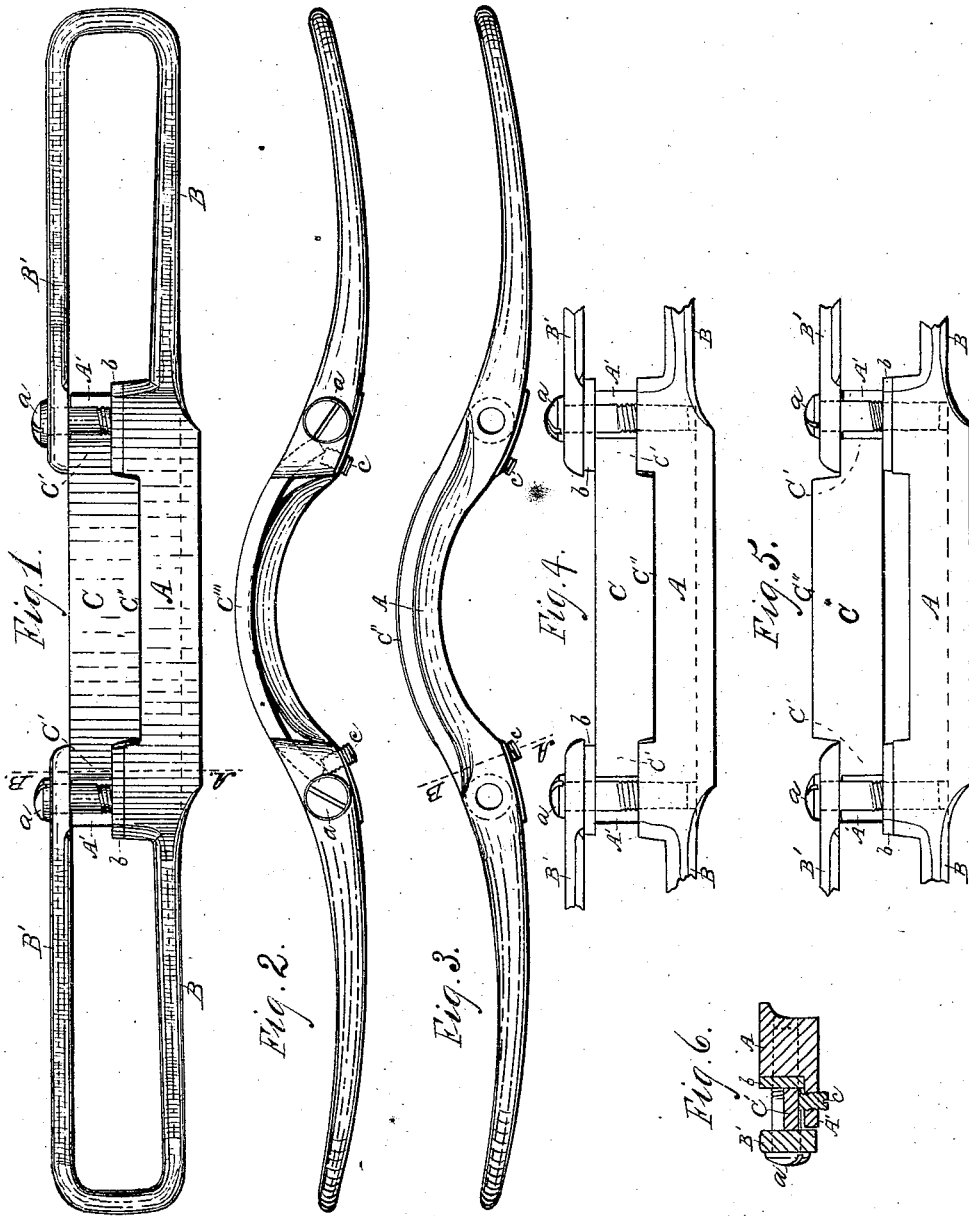


D. HARRINGTON.

Shoe-Shave.

No. 161,958.

Patented April 13, 1875.



WITNESSES;

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DEXTER HARRINGTON, OF SOUTHBRIDGE, MASSACHUSETTS.

IMPROVEMENT IN SHOE-SHAVES.

Specification forming part of Letters Patent No. **161,958**, dated April 13, 1875; application filed March 30, 1875.

To all whom it may concern:

Be it known that I, DEXTER HARRINGTON, of the town of Southbridge, in the county of Worcester and Commonwealth of Massachusetts, have invented certain new and useful Improvements in Shoe-Shaves; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 represents a top or plan view of a shoe-shave having my improvements applied thereto. Fig. 2 represents a rear view. Fig. 3 represents a front view. Fig. 4 represents a top or plan view of a portion of the shave shown in Fig. 1, with the knife moved forward, as will be hereafter explained. Fig. 5 represents a top or plan view of a part of the shave when the knife is adjusted for grinding, as will be hereafter explained; and Fig. 6 represents a cross-section on line A B, Figs. 1 and 3.

To enable those skilled in the art to which my invention belongs to make and use the same, I will proceed to describe it more in detail.

The part marked A is the main part of the frame, from the ends of which project the parts B B, which have bends at their ends with return parts B' B', the parts B B' constituting the handles of the shave. The part marked C is the knife made in curved form, as shown in full and dotted lines, Fig. 2. The notched ends C' C' of the knife C are clamped by means of screws *a a* between the ends of the frame part A and the inner ends of the parts B B'. Adjusting-pieces *b b*, with holes through them for the passage of the bolts *a a*, are arranged between the notched knife ends and the ends of the frame part A, as fully indicated in Figs. 1 and 6. From the ends of the frame part A project knife-supporting pieces A' A', and through such pieces pass set-screws *c c*, upon which the notched ends of the knife rest, as indicated in dotted lines, Fig. 2, and full lines, Fig. 6. By means of the set-screws *c c* one or both ends of the knife C can be set up so as to cause the edge C'' of the knife to stand at a greater or less distance above the curved-

face surface of the frame part A. C''' represents the back of the knife. After the knife-edge C'' has been worn off by use, the adjusting-pieces *b b* may be removed from the positions shown in Fig. 1 and arranged in the positions shown in Fig. 4, thus bringing the edge C'' of the knife up into the same relative positions as respects the part A as it first occupied. (See Fig. 4.)

When it is desired to grind the knife, its position may be reversed, as shown in Fig. 5, when the operator can grind the edge C'' by simply taking hold of the handles of the shave. This feature of reversibility is quite a convenience, since it enables the operator to arrange his knife in the position shown in Fig. 5, where it is held securely by means of the screws *a a* during the operation of grinding, and the knife can be ground far more perfect and much quicker in this way than when the knife itself is held simply by the hands of the operator.

In making the shave two or more thin adjusting-pieces, *b b*, may be used upon each side, for the purpose of adjusting the edge of the knife before it is worn off sufficient to allow of its being adjusted when only a single thick adjusting-piece, *b*, is used on each side.

Those skilled in the art to which my invention belongs will readily perceive the practical advantages which my said improved shave possesses over those previously in use.

Having described my improved shoe-shave, what I claim therein as new and of my invention, and desire to secure by Letters Patent, is—

1. The combination, with the frame part A, knife-supporting parts A' A', and return handle parts B' B' of knife-edge adjusting-pieces *b b* and holding-screws *a a*, substantially as shown and described.

2. The combination, with the notched ends of knife C, of the return handle ends B' B', and holding-screws *a a*, whereby the knife C can be reversed, and securely held for grinding its edge C'', substantially as and for the purposes set forth.

DEXTER HARRINGTON.

Witnesses:

THOS. H. DODGE,
EDWIN E. MOORE.