

T. HARRINGTON.
Shoe-Shaves.

No. 148,054.

Patented March 3, 1874.

Fig. 1.

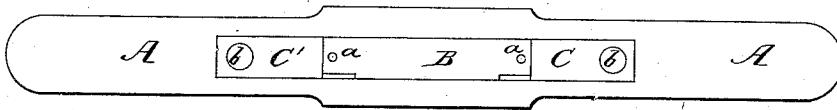


Fig. 2.

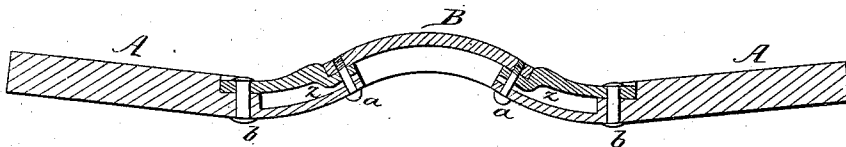
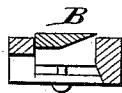


Fig. 3.



Witnesses.
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UNITED STATES PATENT OFFICE.

THEODORE HARRINGTON, OF SOUTHBRIDGE, MASSACHUSETTS.

IMPROVEMENT IN SHOE-SHAVES.

Specification forming part of Letters Patent No. **148,054**, dated March 3, 1874; application filed January 19, 1874.

To all whom it may concern:

Be it known that I, THEODORE HARRINGTON, of Southbridge, in the county of Worcester, State of Massachusetts, have invented a certain new and useful Improvement in Shoe-Shaves, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which the invention appertains to make and use the same, reference being had to the accompanying drawing forming a part of this specification, in which—

Figure 1 is a plan of my improved shoe-shave. Fig. 2 is a vertical longitudinal section of the same. Fig. 3 is a transverse section.

Like letters refer to like parts in the different figures of the drawing.

My invention relates more especially to that class of shoe-shaves which are constructed of two handles and a curved knife, and consists in a knife mounted in spring-seats, as hereinafter more fully set forth, the object being to render the same more readily and perfectly adjustable.

The simplicity of my invention renders an elaborate description unnecessary.

In Fig. 1, A A are the handles; B, the knife; C C', the springs; b b, rivets, by which the springs are attached to the body of the shave; and a a, screws, by which the knife is adjusted. The screws a a are threaded, to work in corresponding screw-holes in the ends of the knife, but pass through holes in the body of the shave, and also in the springs C C', which last-named holes are slightly larger than the wire of the screw, and not provided with screw-threads. The springs C C' are bent, as shown at z z, Fig. 2, to form shoulders against which the ends of the knife rest, and which prevent it from moving longitudinally,

or from being sprung or straightened by a too heavy pressure while in use. The shoulders, by forming a more perfect seat for the knife B, also relieve the screws a a from a large part of the strain which would otherwise be brought to bear upon them.

In shoe-shaves of ordinary construction the knife is made with "tang," or has its ends bent at a right-angle to the blade, which ends pass through the body of the shave, and by means of which the knife is rendered adjustable therein; but in a shave so constructed it is found to be very difficult to adjust the knife perfectly, for reasons which will be obvious to all practically acquainted with the use of such an implement, but which difficulty is entirely obviated by my improvement.

From the foregoing the nature and operation of my invention will be readily understood.

By turning the screws a a in, the loose ends of the springs C C' will be depressed, and the knife lowered, causing it to take a thinner shaving. If at any time the knife is found to cut unevenly, or deeper at one end than the other, the screws can be turned in or out accordingly, the springs yielding as the screws are turned in, or to the right, to depress the knife, and expanding and raising the knife as they are turned out, or to the left.

Having thus described my invention, what I claim is—

In a shoe-shave, the knife B, springs C C', and screws a a, combined and arranged to operate substantially in the manner and for the purpose specified.

THEODORE HARRINGTON.

Witnesses:

THEODORE JEROME HARRINGTON,
ISAAC P. HYDE.