

W. R. BARTON.
WELT-TRIMMER.

No. 186,524.

Patented Jan. 23, 1877.

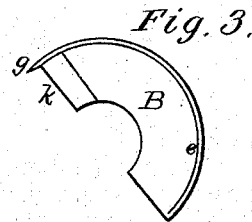
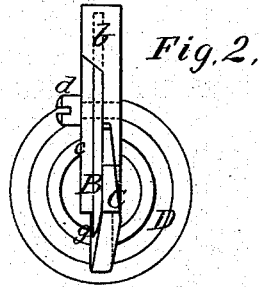
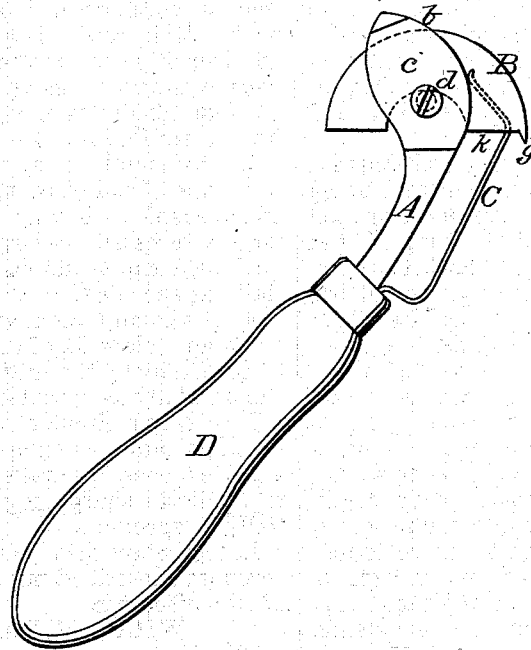


Fig. 1.



WITNESSES

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WILLIAM R. BARTON, OF GEORGETOWN, MASSACHUSETTS.

IMPROVEMENT IN WELT-TRIMMERS.

Specification forming part of Letters Patent No. **186,524**, dated January 23, 1877; application filed December 9, 1876.

To all whom it may concern:

Be it known that I, WILLIAM R. BARTON, of Georgetown, in the county of Essex and State of Massachusetts, have invented a new and valuable Improvement in Shoemakers' Tools; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a side view of this invention. Fig. 2 is an end view of the same; and Fig. 3 is a detached view of the blade.

This invention has relation to welt-knives; and it consists in the construction and novel arrangement of the semicircular or arc-shaped adjustable blade, the holding-clamp at the end of the shank, and the welt-spring, whereby the welt is held down during the cutting operation, as hereinafter shown and described.

In the accompanying drawings, the letter A designates the shank of the knife, having the broad end *b* transversely recessed to receive a portion of the circular blade, and provided with a clamp-plate or cap, *c*, which is held closely to the shank-head in such a manner as to secure the interposed blade firmly in its adjustment by means of a clamp-screw, *d*. B indicates the blade, which is semicircular or arc-shaped. Its convex margin is slightly flanged or creased, as indicated at *e*, for convenience in sharpening, and extends slightly at one end in the form of a guard-point, *g*. The cutting-edge *k* is located in rear of this point, and is radial. C represents a

spring, which extends by the cutting-edge of the knife, and is designed to move along on the top of the welt, and hold it down during the cutting operation. This spring may be fastened with the shank into the handle D or otherwise.

The blade has a circular or rocking adjustment, and may be set back or forward according to the requirement of the work. For irregular work the blade should be tipped well back. It is easily detached for sharpening, and can be set up in the clamp-shank, as it is worn away until nearly gone.

What I claim as new, and desire to secure by Letters Patent, is—

1. The combination, with the semicircular arc-shaped blade, having a radial end edge of the shank A, having its broad end transversely recessed to form a slideway for the blade, the cap *c*, and clamp-screw *d*, substantially as specified.

2. The combination, with the shank A, and adjustable blade B, of the welt-holding spring C, extending by the cutting-edge of said blade, substantially as specified.

3. The semicircular arc-shaped blade B, having a radial cutting-edge at its end, and a guide-crease, *e*, parallel to its outer margin, to facilitate sharpening said edge, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

WILLIAM RANDAL BARTON.

Witnesses:

RICHMOND A. BARTON,
WILLIAM E. BARTON.