J. Jenkins

Shoe-Edge Plane.

No. 8,247. Patented July 22, 1851.

Fig. 1.

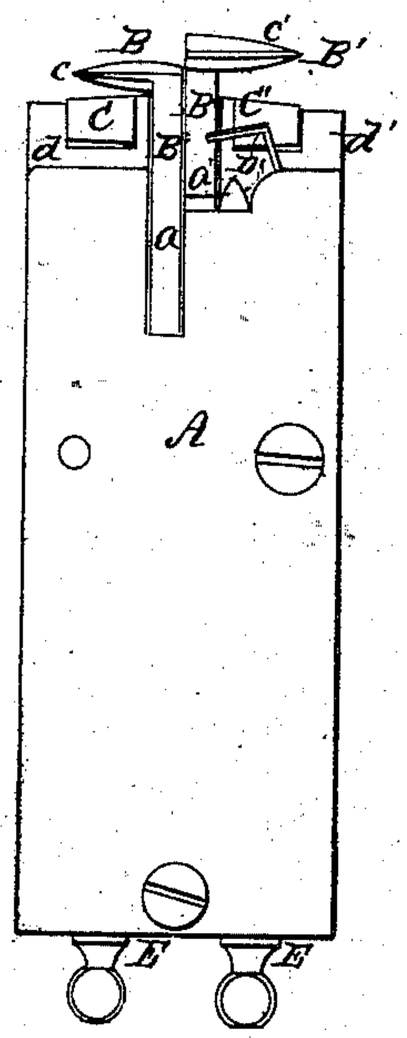


Fig. 2.

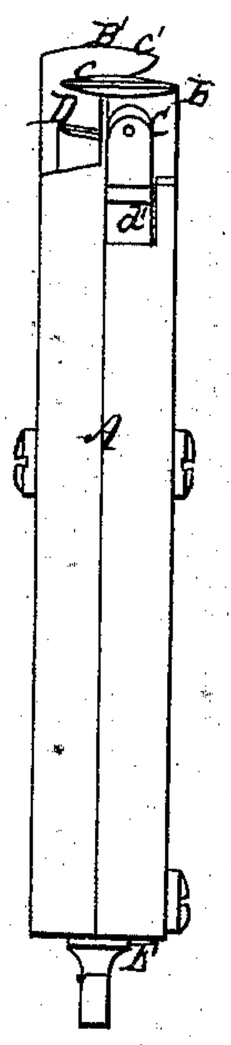


Fig. 3.

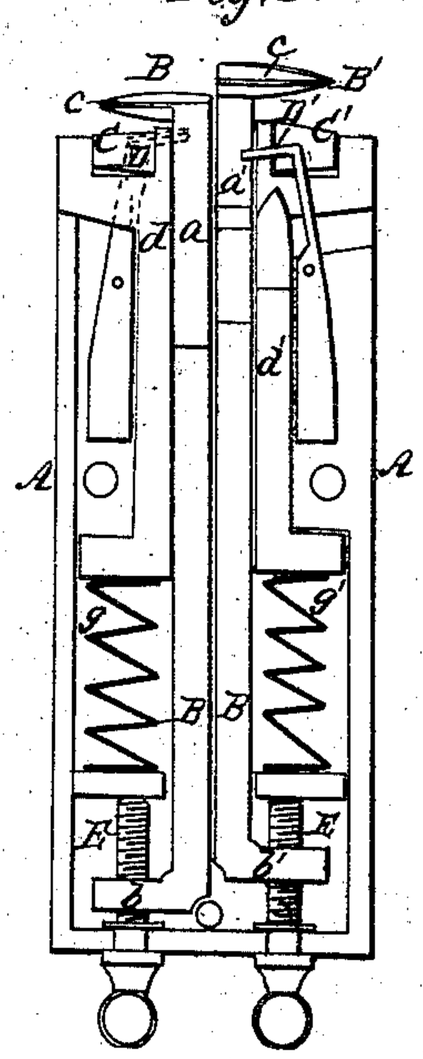


Fig. 5.

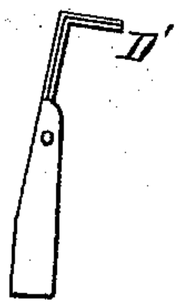


Fig. 7

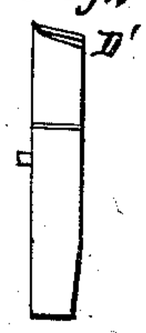


Fig. 4.

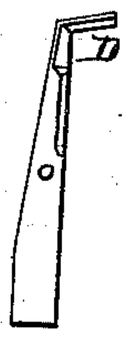
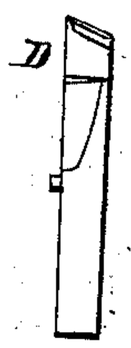


Fig. 6.



UNITED STATES PATENT OFFICE.

J. JENKINS, OF ANDOVER, MASSACHUSETTS.

FEATHER-EDGING GAGE FOR SHOEMAKERS.

Specification of Letters Patent No. 8,247, dated July 22, 1851.

To all whom it may concern:

Be it known that I, JACOB JENKINS, of Andover, in the county of Essex and State of Massachusetts, have invented a new and useful or Improved Feather Edging Gage or Tool for Shoemakers' Use; and I do hereby declare that the same is fully described and represented in the following specification and accompanying drawings, letters, figures, and references thereof.

Of the said drawing Figure 1 denotes a front or side elevation of my improved feather edging tool or gage. Fig. 2 is an edge view of it. Fig. 3 is a representation of the internal part of the handle or case.

The object of the said invention is to feather edge or reduce to a uniform thickness the edges of a sole of a shoe or boot.

It consists first of a case or handle A made hollow and so as to support and contain the operative parts; second, of such operative parts which may be thus described. They consist of the adjusting gage or bearer B, the pressure roller C, and the knife or cutter D, there being two sets of each represented within the case A, the only material difference in them being in the forms of the knives, one of which is so made as to chamfer or bevel down the upper edge of the sole, around its periphery, while the other is intended to cut or form an angular groove around and just within the periphery, and upper surface of the sole or the heel, as the case may require, such groove being to receive the stitches of the sewing by which each sole is secured to the upper leather of the shoe. The parts denoted by the letters B′, C′, D′, are respectively the gage or bearer, the pressure roller and the knife or cutter of the second set of operative parts.

Each bearer or gage B or B′ is composed of a long bar *a* or *a′*, and two projections *b*, *c*, or *b′*, *c′*, extended from it, as seen in the drawings. To one of these projections *b* or *b′* of each bar as well as to the case A an adjusting screw E is so adapted as to enable a person by applying his fingers to it and turning it either to move the gage within into the case or out of the same as the case may require, or in other words to move the bar so as to bring its rest or projection *c* or *c′* to such a distance from the adjacent end of the case as may be desirable.

The pressure roller C or C′ is fixed in the end of a slide *d* or *d′*, which is forced upward or toward its rest *c* or *c′*, by a spring *g* or *g′*, arranged as seen in Fig. 3.

The knives D, D′ are each represented in edge view in Figs. 4 and 5 and in side view in Figs. 6 and 7. The said knives are fixed stationary in position while used, the pressure roller of each being always in advance of it, while the instrument is in the act of cutting the sole.

In using the instrument the edge of the sole is introduced between the rest *c* or *c′*, and the pressure roller thereof, and so as to abut against the side of the bar *a* or *a′* the instrument resting on the last (or a pattern as the case may be) at the same time. This having been done, it is drawn around the entire edge or part to be champered or feather edged, the knife in the meantime reducing it in the proper manner, and the roller serving to keep the leather close upon the rest.

What I claim as my invention is—

The arrangement of the adjustable gage rest, the pressure roller and knife or cutter in the case or handle substantially as described and so as to constitute a tool for feather edging or reducing soles of shoes, as specified.

In testimony whereof I have hereto set my signature this twentieth day of December, A. D. 1850.

JACOB JENKINS.

Witnesses:

MOSES FOSTER, Jr.,

SEAVER PRAY.