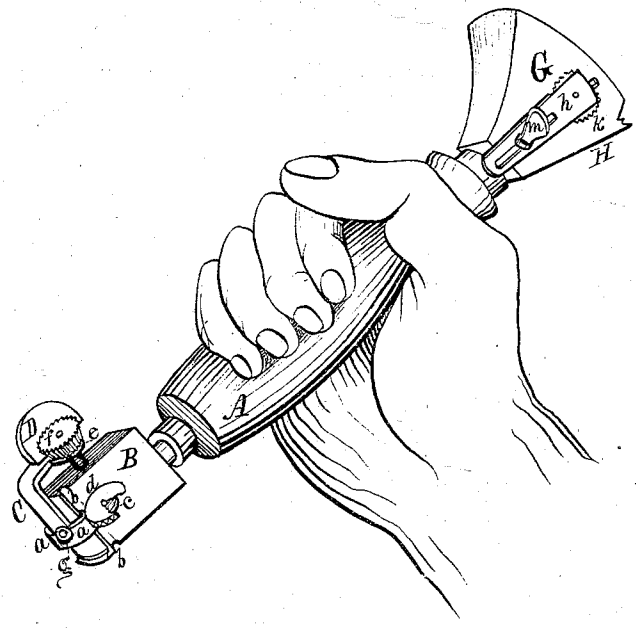
W. WILSON & J. FOSTER.

Shoemakers' Finishing Tools.

No. 138,063. Patented April 22, 1873.



Witnesses.
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UNITED STATES PATENT OFFICE.

WILLIAM WILSON AND JOHN FOSTER, OF CHARITON, IOWA.

IMPROVEMENT IN SHOEMAKERS' FINISHING-TOOLS.

Specification forming part of Letters Patent No. **138,063**, dated April 22, 1873; application filed October 11, 1872.

To all whom it may concern:

Be it known that we, WILLIAM WILSON and JOHN FOSTER, of Chariton, in the county of Lucas and State of Iowa, have invented a Shoemaker's Combination Burnishing and Finishing Tool, of which the following is a specification:

The object of our invention is to provide one complete tool to take the place of the numerous separate irons and implements generally used to burnish and finish the heels, shanks, edges, and bottoms of boots and shoes. It consists in combining an adjustable guard, a fudge-wheel, a shank-wheel, and a stamp with a fore-part iron at one end of a handle, and an adjustable guard and seat-wheel with heel-burnisher and shank-iron at the other end of the handle, all as hereinafter fully set forth.

Our drawing is a full-sized perspective view of our combination tool clasped in the hand of the operator.

A is a wooden handle of common form and joint, and may vary in length and thickness. B is a fore-part iron connected with one (the left) end of the handle, by means of a shank, in any suitable way. C is an adjustable guard, which extends across the end of the iron B, and moves to and from the rim or bead on the lower edge of the end face of the iron. An elbow extends from the guard C upward and bends over the iron B, and is connected therewith by means of a set-screw, D. *a a* are clasps on the ends of the guard C, clasping the iron B. These clasps fit into the grooves *b b* on the sides of the iron and move therein. The co-operation of the clasps and the grooves hold the guard rigidly to the face of the iron, and also allow the guard to be moved up and down by means of the set-screw D, which enters the top of the iron, and is readily screwed in and out. Means are thus provided for adjusting the guard C, and thereby regulating the width of the fore-part iron to suit any thickness of sole and welt. Numerous irons of varying sizes can be dispensed with, and the edges of the soles of all sizes burnished and finished with our one complete tool. *c* is a bearer projecting from the guard C. *d* is a shank-wheel mounted upon the bearer *c* in any suitable way. *e* is a bearer projecting from the upper end of the elbow attached to the guard C. *f* is a fudge-wheel mounted upon the bearer *e*. These wheels are adapted for all the common uses of such wheels. *g* represents a stamp used to make prints on the bottoms of boots and shoes. It may vary in form to print figures of various ornamental designs. G is a heel iron or burnisher. H is a shank-iron combined with the heel-iron G. They are attached to the handle A in any suitable manner. *h* is an adjustable guard held to the side of the heel-iron by the set-screw *m*, which passes through a slot in the rear end of the guard and enters the iron G. *k* is a seat-wheel held and pivoted between the guard and the heel-iron in any suitable manner, so as to allow it to revolve, and also to move back and forth with the adjustable guard. The heel-iron, shank-iron, and seat-wheel thus combined and attached at the right end of the handle can be used alternately for all the purposes of such separate implements.

Our complete adjustable tool is equivalent to a full set of the various separate irons and tools usually required to burnish and finish the heels and bottoms of boots and shoes. It will be a great saving in the outfit of a work-bench. It will save space and freight in packing and shipping. It will save the time required in handling and heating numerous separate irons and implements, and consequently enable a workman to accomplish more in a given time.

Claims.

We claim as our invention—

1. The adjustable guard C carrying the shank-wheel *d* and fudge-wheel *f* and stamp *g*, when combined and operated with the fore-part iron B and handle A, substantially as described, and for the purposes specified.

2. The adjustable guard *h* carrying the seat-wheel *k*, when combined and operated with the heel-iron G and shank-iron H and handle A, substantially as described, and for the purposes specified.

WILLIAM WILSON.
JOHN FOSTER.

Witnesses:
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