

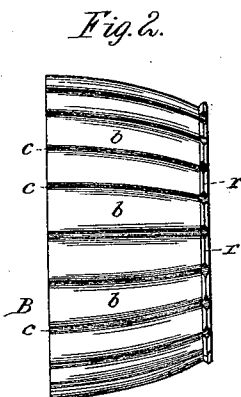
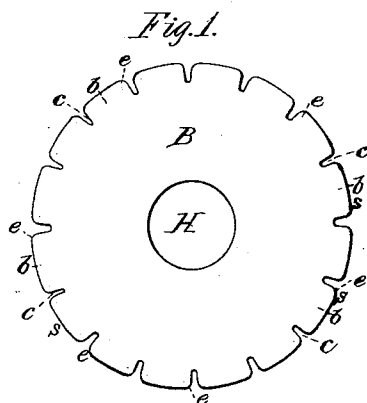
(No Model.)

S. B. SCRUTON.

BURNISHER AND BEADER HEAD FOR POLISHING HEELS.

No. 282,673.

Patented Aug. 7, 1883.



Witnesses:

W. C. Jindinston.

Mrauck R. Johns

Inventor:

Stephen B. Scruton.

by

E. M. Cragin.

his Attorney.

UNITED STATES PATENT OFFICE.

STEPHEN B. SCRUTON, OF ROCHESTER, NEW HAMPSHIRE, ASSIGNOR TO
EBENEZER G. WALLACE AND EDWIN WALLACE, OF SAME PLACE.

BURNISHER AND BEADER-HEAD FOR POLISHING HEELS.

SPECIFICATION forming part of Letters Patent No. 282,673, dated August 7, 1883.

Application filed June 20, 1883. (No model.)

To all whom it may concern:

Be it known that I, STEPHEN B. SCRUTON, a citizen of the United States, residing at Rochester, in the county of Strafford and State of New Hampshire, have invented and produced a new and useful Improvement in Burnishers and Beader-Heads, of which the following is a specification, reference being had therein to the accompanying drawings.

The object of my invention is to produce an edge-setter or a burnisher and beader-head for boot and shoe heels, one which will burnish the heels and set a bead thereon without requiring two machines.

My invention consists of a solid burr and beader-head, made of iron or other suitable material, and having its semi-convex periphery taken up by burrs, each one terminating in a raised bead at the lower part of the curve, all of which will be fully described below.

Figure 1 is an end elevation of the burnisher and beader-head. Fig. 2 is a side elevation thereof.

Like letters refer to like parts.

B represents the burnisher and beader-head. It is made of one piece, of suitable metal. At the center or hub there is a shaft-hole, H, for attaching the burnisher. The mode of attachment to the shaft of a suitable boot and shoe machine need not be described here, as it would readily suggest itself to any one skilled in the art. The periphery of the burnisher is semi-convex until the curve terminates in raised beads *rr*. The burrs *bb* are formed by nearly parallel curvilinear channels or grooves *cc*, cut into the outer surface or periphery of the burnisher, and separating each burr and bead from the others. The outer surface, *ss*, of each burr is wide, terminates horizontally in a beveled edge, *e*, and narrows but slightly toward

the bead to give an almost constant friction or burnishing surface against the heel-edge. The channels forming the burrs are not sunk to any great depth into the stock. The burrs terminate at one end in raised burr-beads *rr*. These beads are integral with the burrs, and are raised enough to allow them to sufficiently ornament the upper rim of the heel while the burnisher portion is acting.

It will be seen that my device is strong and compact, and will quickly perform the burnishing or setting of wax heels and beading desired without requiring two separate machines or parts. The operation of the burnisher and beader need not be described, as it will be readily understood by those acquainted with the art.

I am aware that burnishers made from a single piece of stock are not broadly new, and that beaded or milled separable guide-disks have been attached to them; also, that separable beaders have been attached to the shaft some distance beyond the burnisher, but these expedients do not give the required compactness or rigidity.

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

A burnisher or wax-edge heel-setter and beader-head made from a single piece of stock, having a semi-convex periphery divided into wide slightly tapering burrs formed by nearly parallel curvilinear channels and terminating in integral raised beads, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

STEPHEN B. SCRUTON.

Witnesses:

DYER P. HALL,
EDWIN WALLACE.