SOLE-EDGE-BURNISHING MACHINE.


Application filed May 3, 1897. Serial No. 636,680. (No model.)

To all whom it may concern:

Be it known that I, SETH D. TRIPP, of Lynn, county of Essex, and State of Massachusetts, have invented an improvement in Sole-Edge-Burnishing Machines, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

In the operation of burnishing the edges of the soles of boots and shoes by machinery it is customary for the operator to grasp the shoe to be operated upon with both hands, one hand grasping the heel end of the shoe and the other grasping the toe end thereof, and to thus hold the boot or shoe and present the side edges of its sole to the burnishing-tool. When nearing the toe of the shoe, the operator is obliged to release his grasp at such point and to hold the shoe in some other manner, and it has been customary to provide a finger-rest, located in proximity to the burnishing-tool, which may be clutched by the fingers of the operator while the fore part of the shoe is held in the grasp of his thumb.

This invention has for its object to improve the construction of finger-rests for sole-edge-burnishing machines; and the invention consists in a finger-rest having a sleeve fixed to the shank end thereof, a support on which said sleeve is free to oscillate, means for adjusting said sleeve along on its support, and means for vertically adjusting said support.

Figure 1 is a view of a finger-rest embodying this invention and a sufficient portion of a burnishing-machine to illustrate the invention. Fig. 2 is a detail to be hereinafter referred to.

The finger-rest consists, essentially, of a finger-piece and a standard or support to which said finger-piece is loosely mounted, so as to be moved correspondingly or in unison with the work in burnishing the edge of the sole around the toe.

The finger-piece is made as a short curved arm, so as to be grasped by the fingers, and it is provided with a right-angularly-disposed shank portion, which is fixed to or formed integral with a sleeve, loosely mounted on or connected with the standard or support.

The standard or support for the finger-piece is secured to the frame A of the burnishing-machine, to which the rest is applied by means of a set-screw, which permits vertical adjustment thereof. The standard or support is formed or provided with an offset-portion, which projects toward the burnishing-tool, a portion of which tool is herein shown at d.

The sleeve, which, as before stated, is fixed to or formed integral with the shank portion of the finger-piece, is mounted upon and adapted to turn freely on the arm of said standard or support, and the said sleeve is herein shown as formed with a hooked end portion, which loosely embraces a block, also mounted upon said arm, which is provided with a set-screw, by means of which it may be adjustable secured to said arm. Said block prevents the sleeve from being withdrawn from the arm, yet said sleeve is at all times free to turn thereon, and the adjustment provided for said block enables said sleeve and finger-rest borne by it to be adjusted in and out relatively to the burnishing-tool.

In burnishing the edge of the toe portion of the sole of the boot or shoe the operator will, as usual, grasp the heel end of the shoe in one hand and grasp the fore part of the shoe, back of the toe, with the thumb of the other hand, with the fingers of said hand clutching or embracing the finger-rest, and with the boot or shoe thus held it will be turned while the burnishing-tool is acting upon the edge of the sole at the toe, and as it is turned to properly present the work the finger-rest, which is loosely connected with its supporting-standard, will freely move or swing in unison with the movement given to the shoe by the operator, (see Fig. 2,) and consequently the finger-piece is more conveniently and firmly clutched or held in the grasp.
of the fingers during such time than is the case when a stationary finger-rest is employed.

I claim—

In a sole-edge-burnishing machine, a vertically-adjustable support having thereon an adjustable block, and a finger-rest having a sleeve fixed to its rear end which is mounted on said support and which embraces said block, said finger-rest being thereby free to oscillate and also adjustable in and out, sub-
stantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

Witnesses:

B. J. NOYES,
ARTHUR F. RANDALL.

SETT D. TRIPP.