

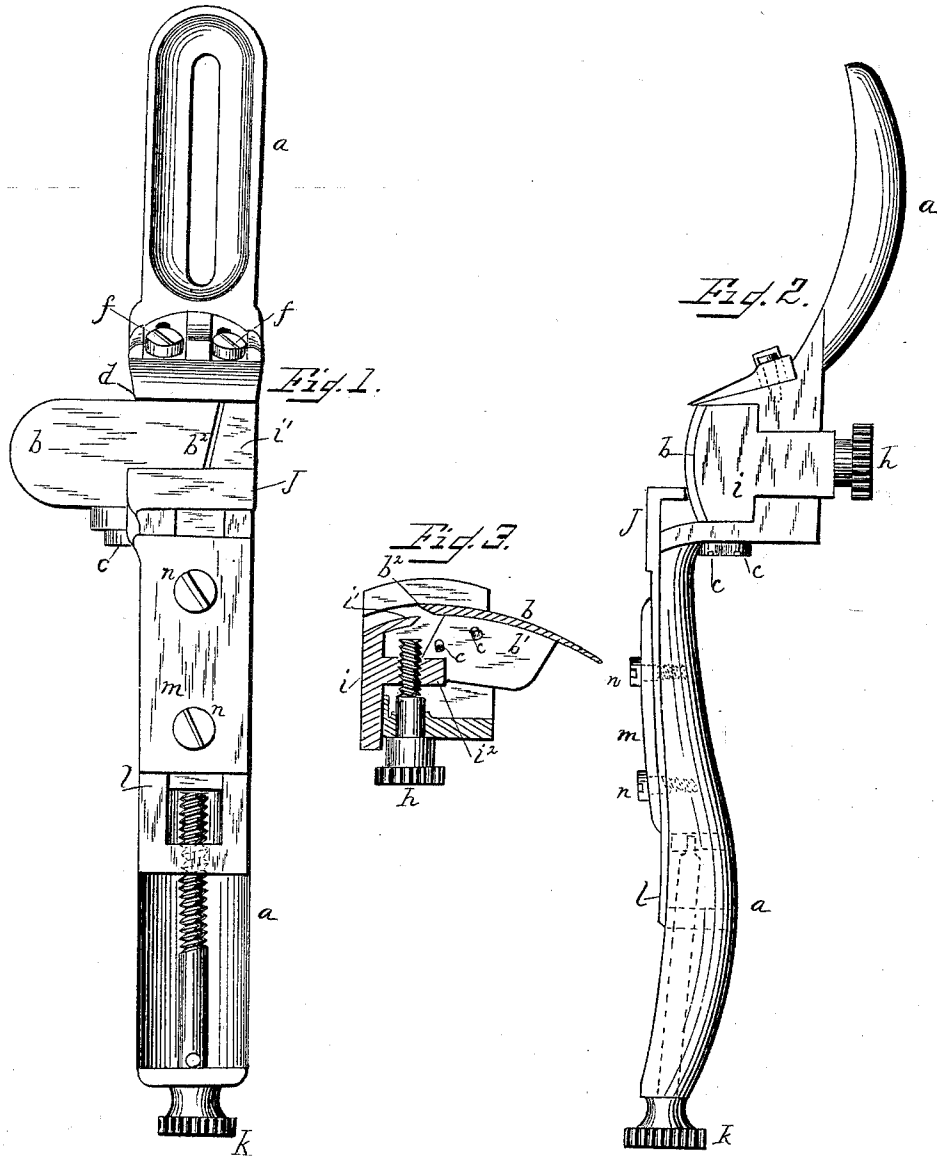
(Model.)

A. SCHILLMÖLLER.

EDGE SHAVE.

No. 393,487.

Patented Nov. 27, 1888.



Witnesses,
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Inventor,
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Att'y.

UNITED STATES PATENT OFFICE.

AUGUST SCHILLMÖLLER, OF OAKLAND, CALIFORNIA.

EDGE-SHAVE.

SPECIFICATION forming part of Letters Patent No. 393,487, dated November 27, 1888.

Application filed October 27, 1887. Serial No. 253,565. (Model.)

To all whom it may concern:

Be it known that I, AUGUST SCHILLMÖLLER, a citizen of the United States, residing at Oakland, Alameda county, State of California, have invented a new and useful Edge-Shave for Use in the Manufacture of Boots and Shoes; of which the following is a specification.

The object of the invention is to produce a hand-tool with which the edge of the sole of a boot or shoe can be shaved without injury to the upper.

The invention consists in the particular construction and combination of parts.

Figure 1 is a view of the shave from the front—that is, the side of the face of the blade. Fig. 2 is a view of the side—that is, a view toward the edge of the knife. Fig. 3 is a cross-section about centrally of screw *h*, said screw being shown in elevation.

The letter *a* indicates a metallic casing, tool-stock, or handle, on which the other parts are mounted. The ends of this piece are rounded to afford a convenient hand-grasp, and the handle portions are hollowed out for lightness, and so as to readily receive the attachments hereinafter described. The knife or curved blade *b* has a flange, *b'*, which is held to the stock by screws *c c*, so as to be adjustable, as is usual in spoke and similar shaves. The cutting-edge is shown at *b²*. The gage-block *i* has a portion, *i'*, which is near the edge of knife *b*, and serves as a gage to determine the thickness of cut which the blade can make. This plate *i* has a flange, *i²*, with a threaded hole therein, and a set-screw, *h*, passes through the body of the stock and enters said hole. By turning screw *h* the gage *i* may be set nearer to or farther from the edge *b²* of the blade, thus determining the thickness of shaving. A guide-plate, *d*, is attached to the stock near

one edge of the blade by screws *f f*, passing through slots in said plate. This guide-plate is not a cutter, but a blunt blade to rest against the face of the leather of the sole. The gage *i* is adjustable over the face of the knife, and determines the exposed width of the cutting-edge. The body of this gage *j* rests in a hollow in the stock, and is mortised for the passage of screws *n*, which hold the gage-retaining plate *m* to the stock. A set-screw, *k*, suitably supported in the stock, passes through a threaded hole in the gage-body, and by turning screw *k* the gage *j* may be moved so as to expose a greater or less width of the cutter *b*. By this construction a convenient tool is made by which a shaving of regulated width and thickness can be trimmed from the edge of a shoe sole or heel.

What I claim is—

An edge-plane consisting, essentially, of the tool-stock *a*, having rounded handles, the curved blade *b*, having a flange, *b'*, which is adjustably held to the stock by set-screws, the gage-block *i*, having a flange resting in a recess in the stock and adjustable therein by a set-screw, the slotted guide-plate *d*, attached to the stock by set-screws passing through the slots, the gage *j*, adjustable over the face of the knife by a set screw, and a clamping-plate and screws for retaining said gage, the parts being constructed, combined, and relatively arranged substantially as described.

In witness whereof I hereunto set my hand, this 19th day of October, 1887, at the city of Oakland, Alameda county, and State of California.

AUGUST SCHILLMÖLLER.

Witnesses:

G. L. PIERCE,
J. CALLAGHAN.