

P. S. Foster

Edge Plane for Boots and Shoes.

Nº 89,754

Patented May 4, 1869.

Fig. 1.

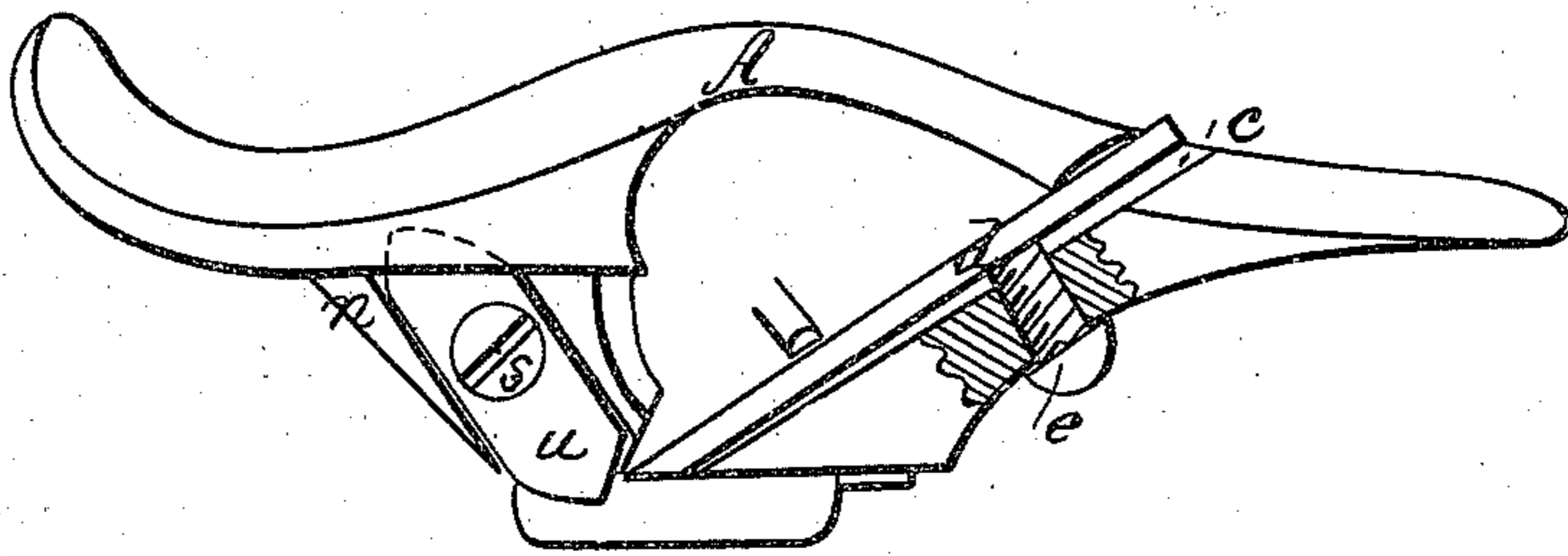


Fig. 2.

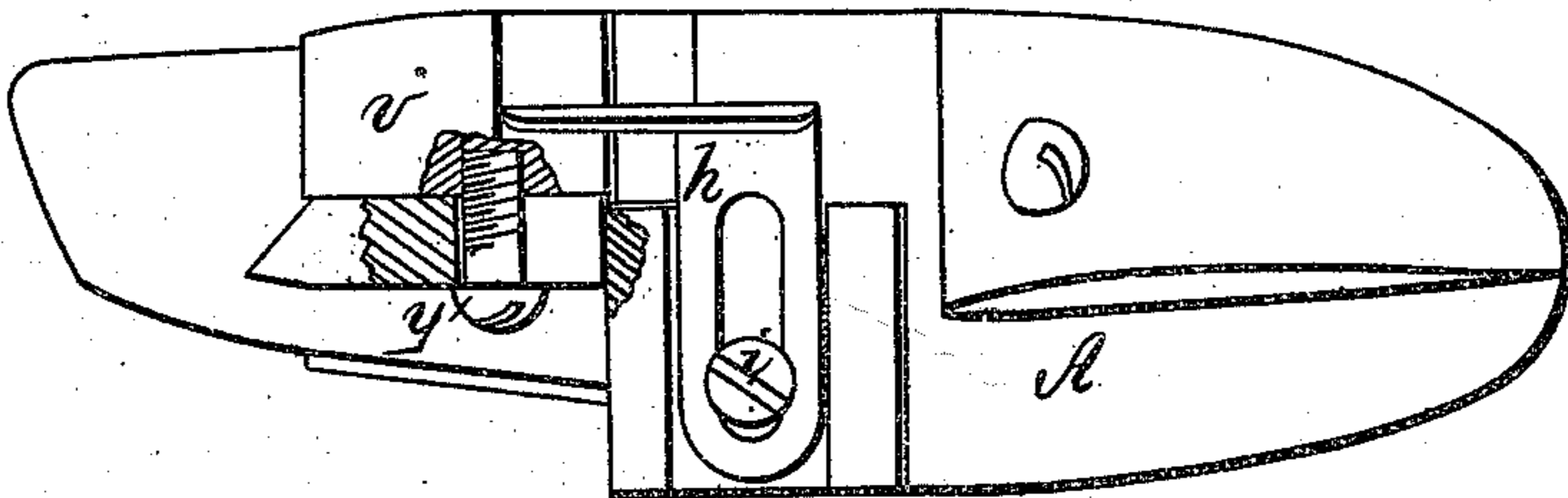


Fig. 3.

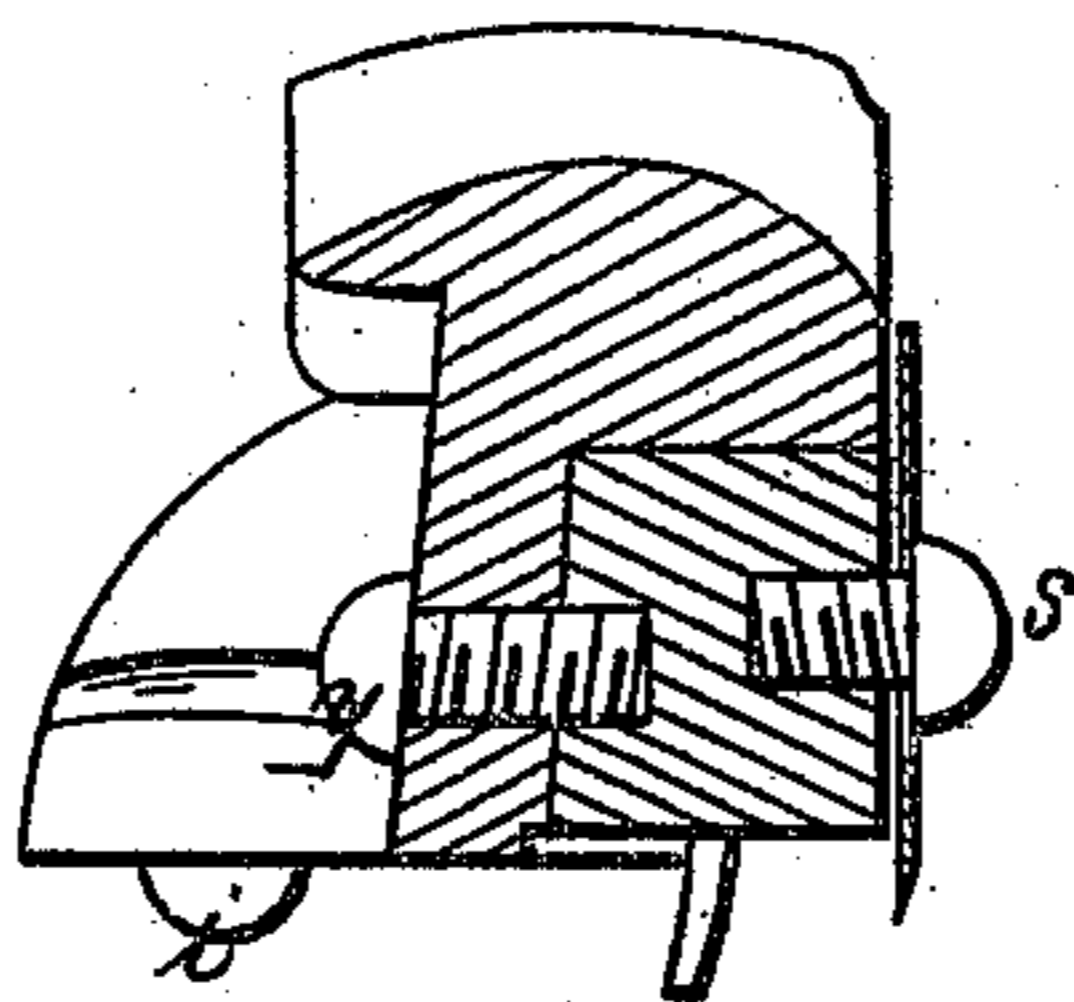
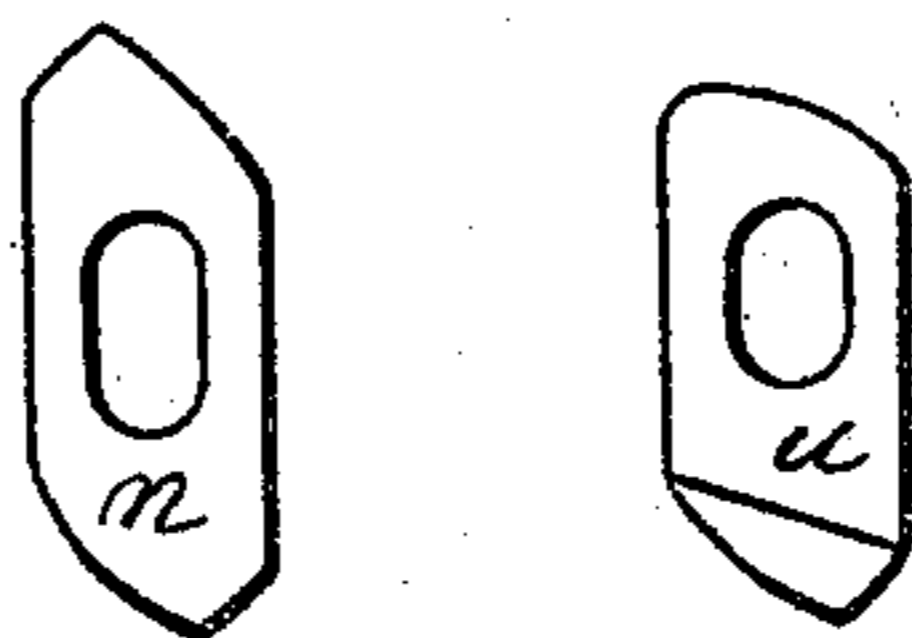


Fig. 4.



Witnesses;
James O. Greaves
M. W. Smith.

Inventor;
P. S. Foster
Chipman, Hosmer & Co
attys

United States Patent Office.

PHILANDER S. FOSTER, OF RICHMOND, MAINE.

Letters Patent No. 89,754, dated May 4, 1869.

IMPROVED EDGE-PLANE FOR BOOTS AND SHOES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, PHILANDER S. FOSTER, of Richmond, in the county of Sagadahoc, and State of Maine, have invented a new and valuable Improvement in Boot and Shoe Edge-Plane and Channeller; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1, of the drawings, is a front plan view of my device.

Figure 2 is a plan view of the under side of the same.

Figures 3 and 4 are details.

My invention relates to tools for the use of shoemakers; and

It consists, mainly, in a novel combination and arrangement of devices, by which a more perfect and effective instrument is formed for planing the edges of shoe-soles, than has heretofore been invented.

It also consists in providing means by which the ends of pegs may be more easily removed than by the ordinary tools in use.

The letter A, of the drawings, represents a metallic block, hollowed out on each side, and left broad at its top and bottom, the top being formed with a curved front, as shown, to receive the hand of the operator.

The rear end of this block, at the bottom, is hollowed out, as shown.

I cut a diagonal slot in this block, as shown at *c*, to receive the plane-bit *d*.

A screw, marked *e*, passes through this portion of the block and its rear hollow, and serves as a set-screw to hold the bit in place, or adjust it as the operator desires.

The letter *h* is a gauge, adjustable by means of a slot in its shank, working with a screw, *i*, as shown.

The letter *n* is a knife, slotted at its centre, and adjusted next the block A, under the screw *s*.

Letter *u* is a knife, with a turned-up edge, adjusted under the head of screw *s*, above the knife *n*.

The letter *v* is a block, placed immediately in front of the bit, and is made adjustable by means of the screw T, passing through a slot in the side of the block, into a suitable thread therein.

The knives *n* and *u* may be used to form channels in the shoe-soles, for sewing, or other purposes.

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

An edge-plane and channeller, for shoemakers' use, having block A, bit *d*, gauge *h*, screws *e*, *i*, *s*, and *y*, and knives *n* and *u*, constructed and arranged substantially as specified.

In testimony that I claim the above, I have hereunto subscribed my name, in the presence of two witnesses.

Witnesses: PHILANDER S. FOSTER.

WM. T. HALL,

F. S. CUMMINGS.