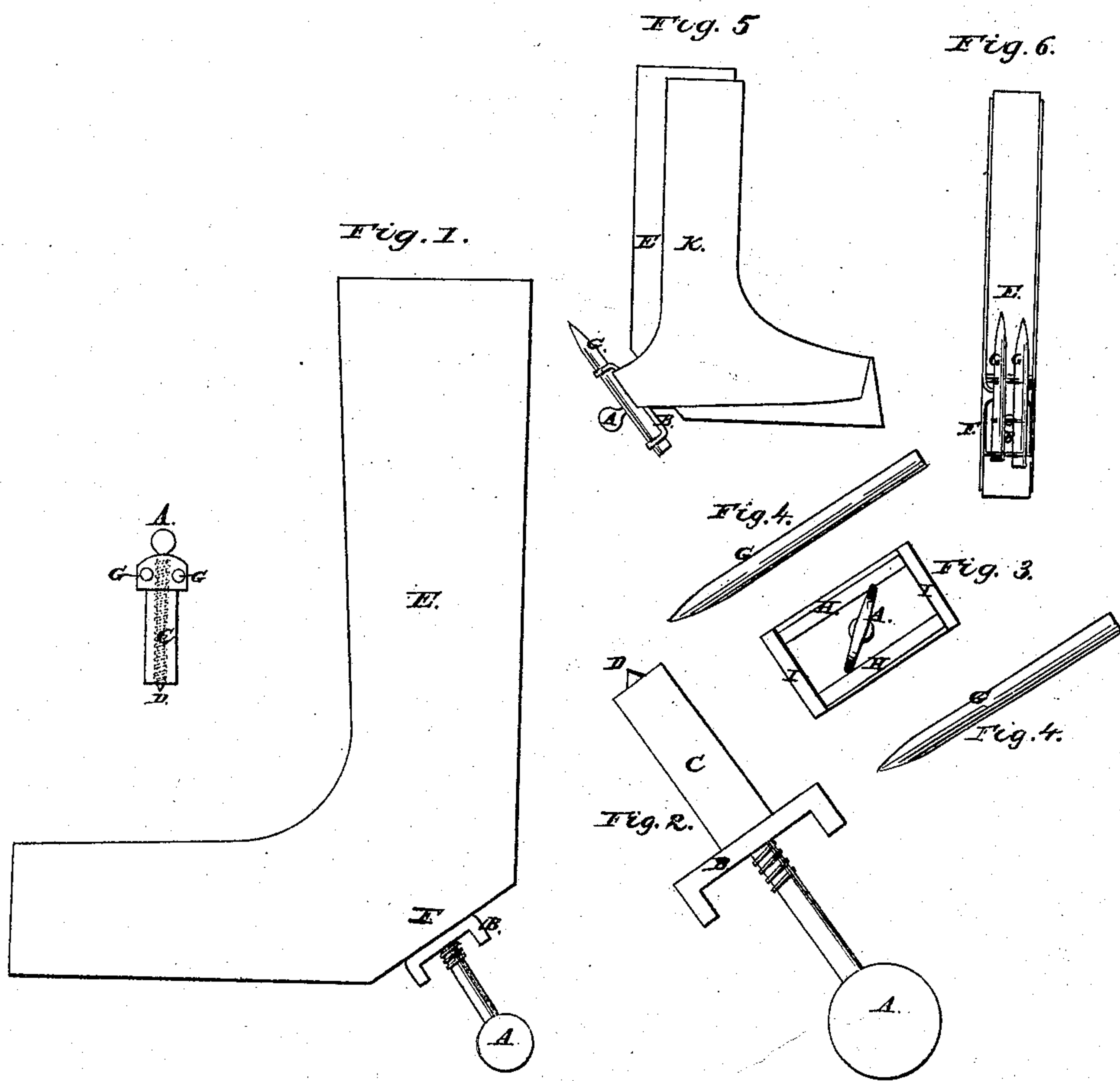


E. G. Pomeroy,
Crimping Leather,

No.

Patented Oct. 4, 1836.



UNITED STATES PATENT OFFICE.

EBENEZER G. POMEROY, OF NEWARK, OHIO.

HORIZONTAL BOOT-CLAMP.

Specification of Letters Patent No. 38, dated October 4, 1836.

To all whom it may concern:

Be it known that I, EBENEZER G. POMEROY, of Newark, in the county of Licking and State of Ohio, have invented, constructed, made, and applied to use a new and useful Improvement Upon my Former Improvement in Crimping Boots, called "The Horizontal Boot-Clamp," specified in the words following, reference being had to the annexed drawings of the same, making part of this specification.

This improvement in crimping is an improvement of my machine for crimping boots, for which I obtained a patent bearing date the twenty-seventh day of July, A. D. 1824, the specification, or schedule whereof is in the words following, viz: This machine is calculated to improve, and facilitate the crimping of boots. It is composed of a shin or board, for giving the front of the boot its proper shape together with any number of straining clamps made of iron, or any suitable material, and also any number of holding clamps made similar to the cabinet maker's veneering clamps, these are to hold the front of the boot to its place till dry. You may use the straining clamps for other boards or shins while the others are drying. The power is given to the straining clamps by a thumb screw to each clamp. My peculiar improvement consists in having, and using the above clamps instead of pincers, and tacks for drawing the leather on the board or shin, and after being down to its proper place to be secured by the above described holding clamps.

The distinctive character of my present improvement consists in using a horizontal plate having its ends turned up at right angles, forming ears with two round apertures in each, in a line with each other, through which round pins tapered like a wedge are inserted to hold securely the ends of the leather to be strained, there being two parallel grooves in said plate into which the pins force the leather, and thus increase their hold on the same, and from the other side projects a tube in which a female screw

is cut, said tube being inserted into an aperture made in the heel of the shin, and which is caused to advance into or recede from said aperture by means of a thumb screw similarly constructed to the one described in my former patent, said screw turning in the female screw in the tube just described, and bearing on a step at the bottom of the aperture in the shin by which the motion just mentioned is given to the plate, or as I shall hereafter term it the horizontal clamp. The shin excepting the aperture in the heel is similarly constructed to those in use. The leather is put over the shin in the usual method; but its ends are secured, in the horizontal clamp in the manner before described, and strained by turning the thumb screw which draws the leather over the shin, simultaneously on each side.

Figure 1, represents the clamp with the tube inserted in the aperture in the heel of the shin; A, the thumb screw; B, the clamp; E, the shin; F, the heel. Fig. 2, represents the clamp, and screw detached from the shin; C, the tube; D, the point of the screw; Fig. 3, top view of the clamp; H, the grooves; I, the ears; Fig. 4, the tapered pins marked G. Fig. 5, represents a side view of the apparatus as in operation, in which K, is the leather being strained. Fig. 6, represents an edge view of the straining apparatus.

The invention claimed and desired to be secured by Letters Patent consists in—

The use, and application of the before described horizontal clamp for crimping boots, constructed with a plate having ears, apertures, and channels, in combination with the wedge framed pins to compress the leather into the channel, and hold it fast; but I make no claim to the tube, and female screw, or to the thumb screw.

E. G. POMEROY.

Witnesses:

WM. P. ELLIOTT,
STEPHEN K. BALDWIN.