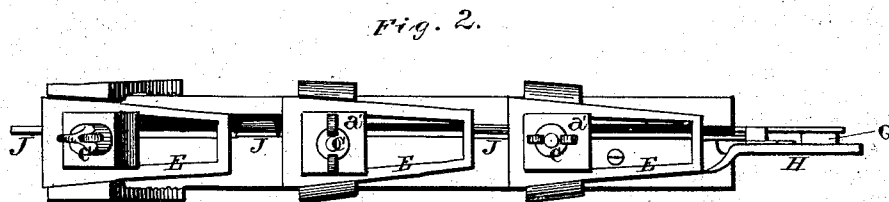
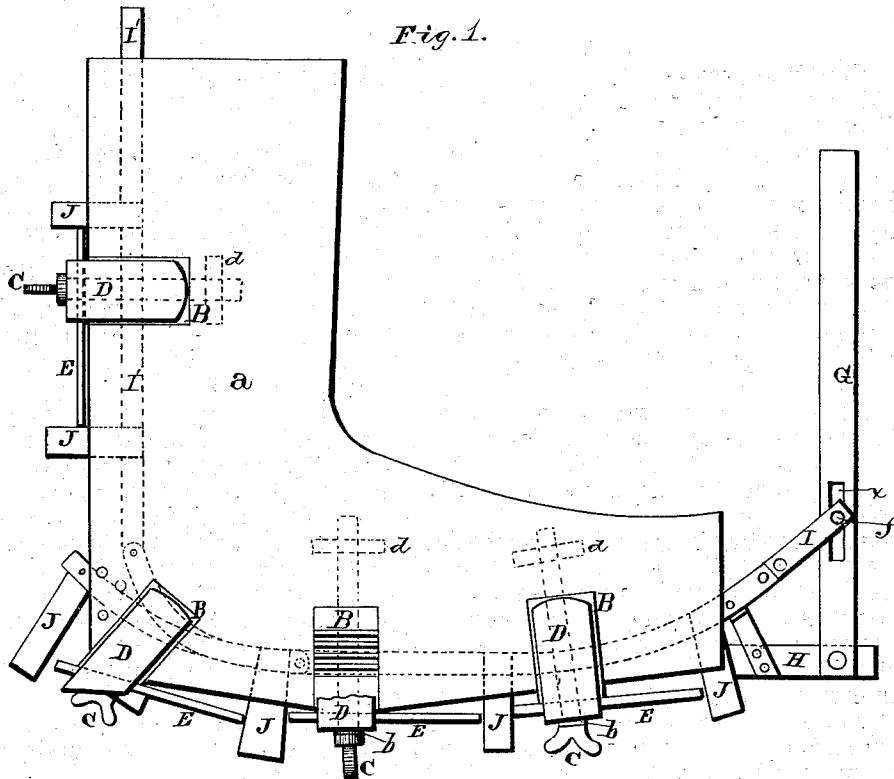


C. SCHUELER & H. REINMULLER.

Crimping-Boards.

No. 155,678.

Patented Oct. 6, 1874.



WITNESSES.

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UNITED STATES PATENT OFFICE.

CHARLES SCHUELER AND HENRY REINMÜLLER, OF NEW YORK, N. Y.

IMPROVEMENT IN CRIMPING-BOARDS.

Specification forming part of Letters Patent No. **155,678**, dated October 6, 1874; application filed September 7, 1874.

To all whom it may concern:

Be it known that we, CHARLES SCHUELER and HENRY REINMÜLLER, of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Crimping-Boards; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification, in which—

The nature of our invention consists in the construction and arrangement of clamps for crimping-boards and in the devices for closing said clamps, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which our invention appertains to make and use the same, we will now proceed to describe its construction and operation, referring to the annexed drawing, which represents our invention.

a represents a crimping-board of the usual form. On the back and under edges of this board are arranged four sets of clamps, more or less, at suitable intervals. Each set of clamps is composed of three-sided metallic frame, *B*, through the center of which is passed a thumb-screw, *C*, which is allowed to turn in the frame, but cannot be withdrawn. At the outer end, on each side of the frame *B*, is hinged a jaw, *D*, which is to close onto the side of the frame. The adjoining surfaces of the frame and jaws are corrugated or toothed, so as to grasp the leather and hold it firmly when placed therein. Between the outer ends of the jaws *D D* is placed a wedge-shaped plate, *E*, which is slotted longitudinally in the center, and fitted over a projection, *a'*, on the end of the frame *B*, it being held from coming off by means of a washer, *b*, and the head of the screw *C*. The crimping-board *A* is cut out for the reception of the clamps thus constructed, and the screw *C* is screwed into a nut, *d*, embedded in the wood. From one end of the crimping-board, preferably the

toe, projects an arm, *H*, to which is pivoted a lever, *G*. This lever is provided with a slot, *x*, in which works a pin, *f*, on the end of a bar, *I*. The bar *I* passes through a groove made in the crimping-board along the lower edge, and connects at or near the heel with a similar bar, *I'*, extending upward in a groove in the back edge of the crimping-board. The bars *I I'* pass through the clamps and are provided with arms *J J*, which extend outward beyond the edges of the crimping-board at the ends of the wedge-plates *E E*.

After the leather has been prepared in the usual way for crimping, it is placed upon the board and its edges inserted in the clamps, which are then closed simultaneously by the lever *G*. The lever operating the bars *I I'* causes the arms *J J* to move the wedges *E E*, whereby the jaws *D D* are closed down upon the frames *B B* to hold the leather. By now turning the screws *C* the leather is stretched out until it lies smoothly and tightly on the board. When the leather is dry it is taken off, and it will then retain the shape of the board.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. The combination of the frame *B*, jaws *D*, screw *C*, and wedge *E*, substantially as and for the purposes herein set forth.

2. The combination of the lever *G*, bars *I I'*, and arms *J J*, for operating the wedges *E E* on the clamps, substantially as and for the purposes herein set forth.

3. The combination of the crimping-board *A*, clamps *B C D*, with wedges *E*, the nuts *d*, lever *G*, bars *I I'*, and arms *J J*, all constructed substantially as and for the purposes herein set forth.

In testimony that we claim the foregoing, we have hereunto set our hands this 25th day of August, 1874.

CHARLES SCHUELER.
HENRY REINMÜLLER.

Witnesses:

JACOB RITTER,
JOHN JOECKEL.