

No. 859,892.

PATENTED JULY 9, 1907.

T. RENDLE.
LAST AND LAST SUPPORT.
APPLICATION FILED APR. 6, 1907.

Fig. 1.

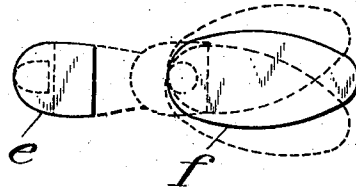
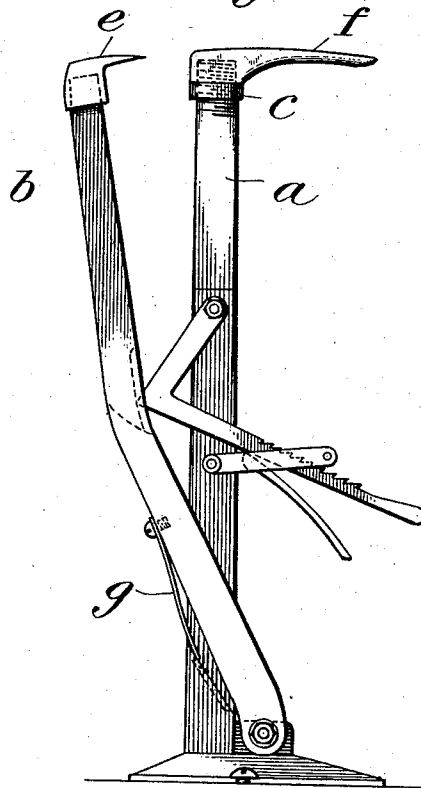


Fig. 2.



Witnesses:
Ernst Glans
Henry Woehler

Inventor;
Thomas Rendle

UNITED STATES PATENT OFFICE.

THOMAS RENDLE, OF OTTAWA, ILLINOIS.

LAST AND LAST-SUPPORT.

No. 859,892.

Specification of Letters Patent.

Patented July 9, 1907.

Application filed April 6, 1907. Serial No. 366,833.

To all whom it may concern:

Be it known that I, THOMAS RENDLE, of the city of Ottawa, in the county of Lasalle and State of Illinois, have invented new and useful Improvements in Lasts and Last-Supports, of which the following is a specification.

The invention consists in jacks for shoemakers use on hand work.

My invention relates to improvements in a two part last and last supports, and the objects are; to provide a last support in which the last can be adjusted for shoes of different lengths, and also for right and left shoes. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a detail plan view of the two part last, and Fig. 2 is a side view of the entire jack.

Similar letters refer to similar parts throughout the several views.

The support *a* is rigidly fixed to the base of the jack, and the support *b* crosses the support *a* from back to front below the latch and is hinged to the base; causing a downward swing of the heel part *e* with respect to the fore part *f*. The support *a* is provided at the upper part with a screw thread spindle and a check nut *c*, and the support *b* is provided at the upper part with a plain spindle; and having a spring *g* firmly fixed at the back, the free end of the said spring pressing against the shoulder of the support *a*, adapted to start the hinged support *b* toward the fixed support *a* contracting the two part last when not engaged by the lever. The fore part *f* is provided with a screw thread socket, and may be firmly adjusted to the support *a* by means of the check nut *c*, and the heel part *e* is provided with a plain socket. The said two part last *e* and *f* being divided crosswise at the heel breast. The fore part *f* having a diminished shank and the heel part *e* having a diminished breast part, so as to increase the contraction of the said two parts, and still retain the proportion of the heel seat by means of a wedge like prominence. The dotted lines are in-

tended to illustrate the shape and positions of the two part last *e* and *f* in Fig. 1. The latch and lever as described in my patent dated Nov. 14, 1905, may also be pivoted to a support without a slot, as shown in Fig. 2.

The method of operation is as follows: The shoe to be operated upon is placed upon the two part last in a contracted position; the parts then being extended by the downward pressure of the lever with one hand and the latch holding the last extended within the shoe. To remove the shoe the latch and lever are lifted and the spring starts the heel part back to a contracted position.

I claim—

1. The combination with last supports; one of said supports being rigidly fixed to the base, and the other crossing from back to front being hinged to the base. A spring fixed to the hinged support and bearing against the rigid support. Of a two part last divided crosswise at the heel breast; the fore part being located on one support and having a diminished shank, and the heel part located on the other support and having a diminished breast part, but retaining the proportion of the heel seat whereby the last may be adjusted for shoes of different lengths, substantially as described.

2. The combination with last supports; one of said supports being rigidly fixed to the base, and the other crossing from back to front being hinged to the base; of a two part last the toe part being rotatively attached to the rigid support and the heel part to the hinged support, whereby the last is adapted to be adjusted for shoes of different lengths, and for right and left shoes.

3. In a two part last support, two supports movable to and from each other, a toe part rotatively mounted upon one support, a heel part mounted upon the other support, the toe part being diminished in thickness towards the shank and the heel part being diminished in thickness to a thin edge towards the breast, the heel part being adapted to be moved over the toe part, whereby the last may be adjusted for shoes of different lengths and for right and left shoes, substantially as described.

THOMAS RENDLE.

Witnesses:

ERNST CLAUS,
HENRY WOHLER.