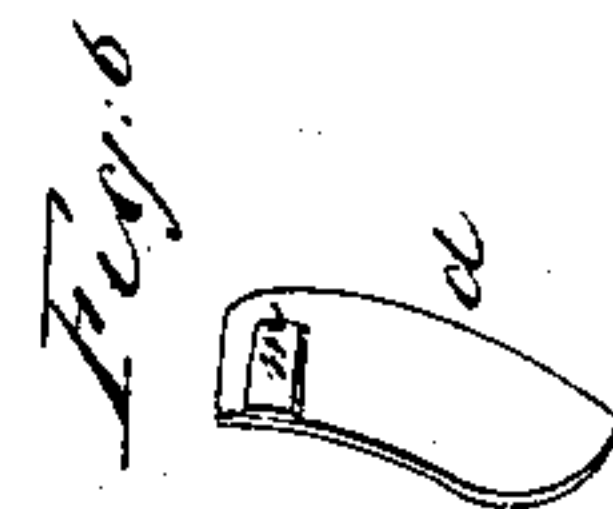
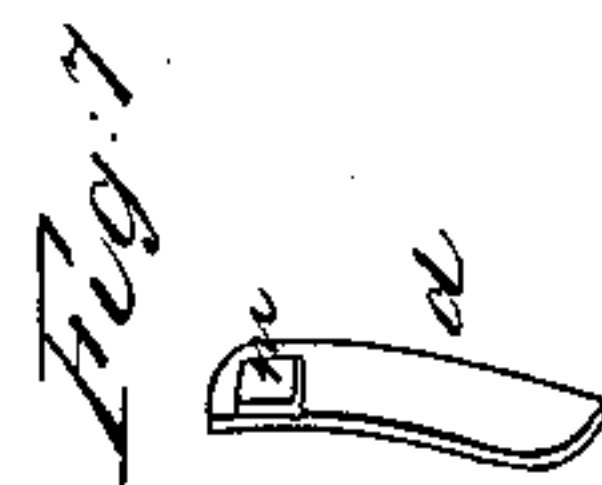
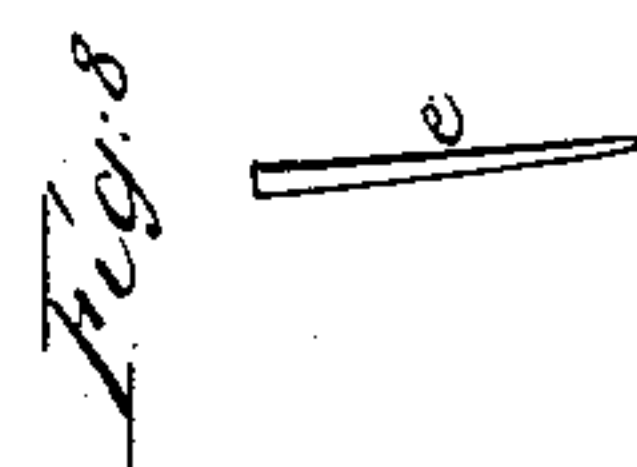
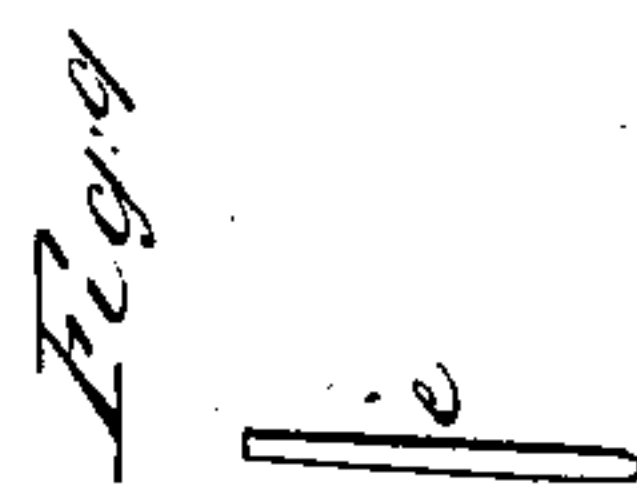
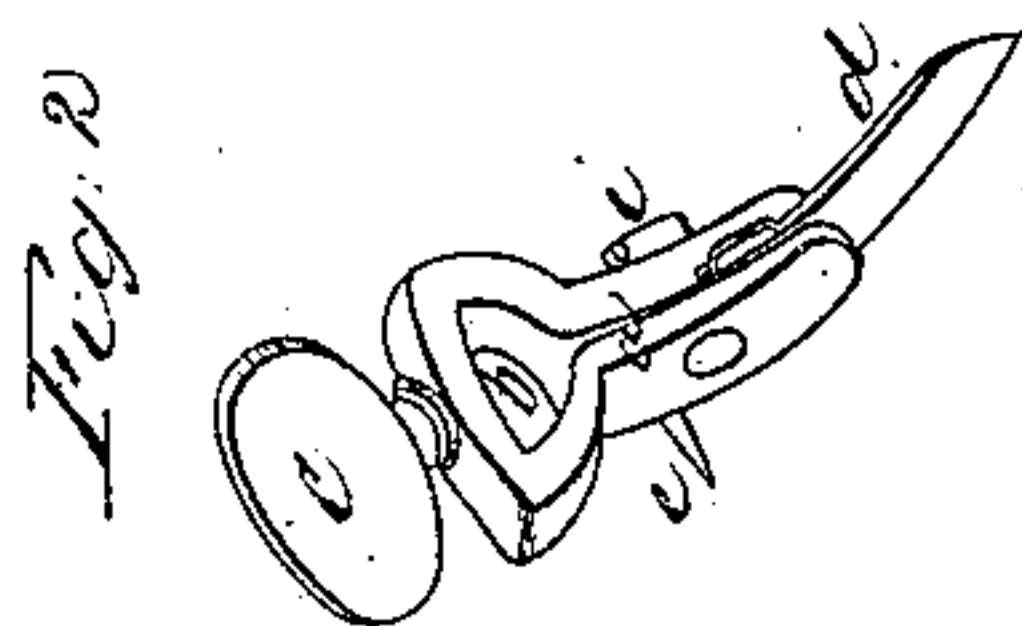
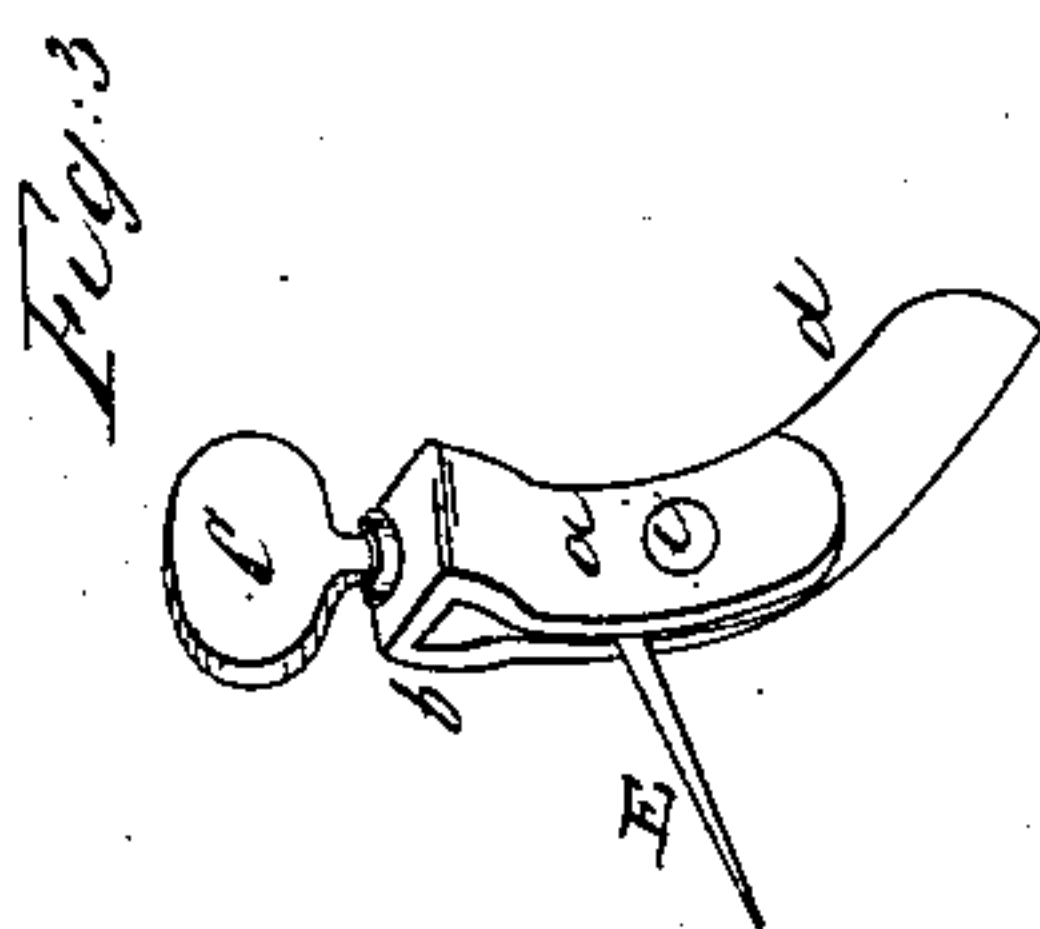
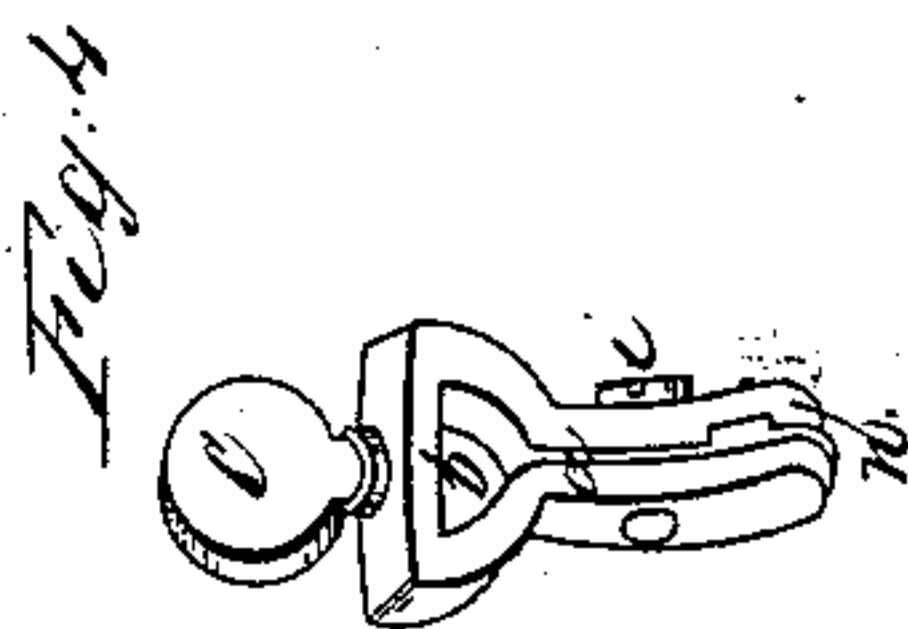
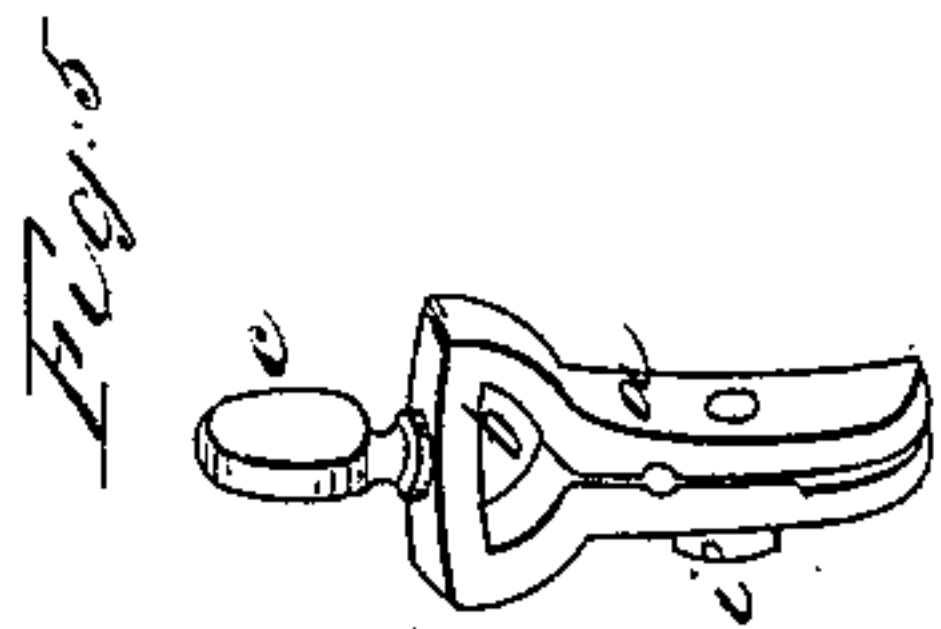
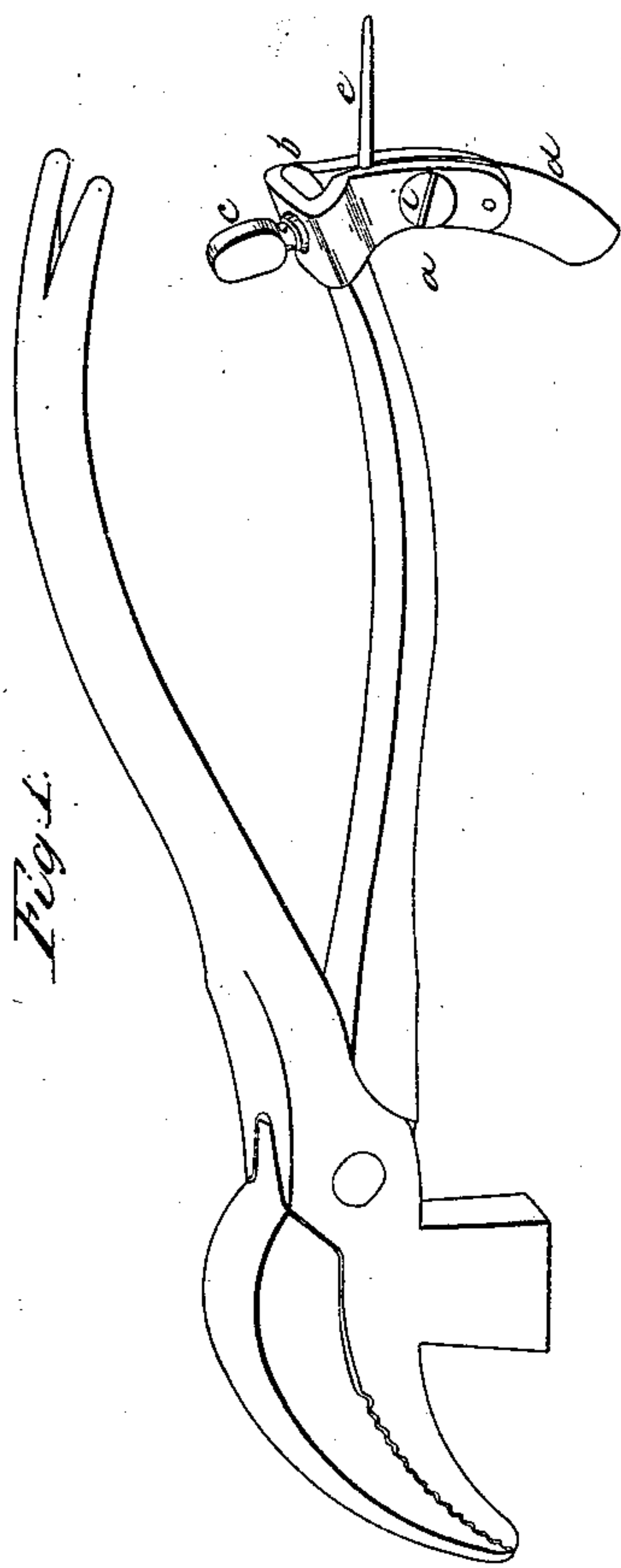


*J. W. Maxfield,*  
*Lasting Machine,*  
*N<sup>o</sup> 66,864,*  
*Patented July 16, 1867.*



*Witnesses*  
*W. A. Bennett*  
*J. A. Vance*

*Inventor*  
*Josephus W. Maxfield*

# United States Patent Office

JOSEPHUS W. MAXFIELD, OF POTSDAM, NEW YORK.

*Letters Patent No. 66,864, dated July 16, 1867.*

## IMPROVED DEVICE FOR CRIMPING 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, JOSEPHUS W. MAXFIELD, of Potsdam, in the county of St. Lawrence, and State of New York, have invented a new and improved Combination Instrument for Lasting and Crimping Boots and Shoes; and I hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon. In said drawings—

Figure 1 is a perspective view of the instrument as it appears attached to and combined with a pair of shoemaker's pincers.

Figures 2 and 3 are like views of the said instrument detached from the pincers.

Figures 4 and 5 are like views of said instrument without the knife *d* and the awl *e*.

Figures 6 and 7 are views of the knife *d* detached from the clamps *a*, showing the tongue *m*.

Figures 8 and 9 are like views of the awl *e* detached from the clamps *a*.

To a pair of shoemaker's pincers I attach the clamp *a*, by means of the socket *b* and the thumb-screw *c*, or their equivalent. The clamp *a* is so constructed as to receive the knife *d* and the awl *e*, and are held firmly in their places by the screw *i*, the tongue *m*, and groove *n*, or their equivalent. Or a pivot may be used, passing through the clamp *a* and the knife *d*.

For the purpose of using the combination instrument, grasp the pincers by the handle; bring down the leather in the same manner employed by workmen in crimping boots and shoes; make a hole with the awl *e*; drive the peg or brad with the pincers, and cut the plaits or folds in the leather with the knife *d*.

The object and end attained by my combination instrument is, first, no other instrument is required in lasting and crimping boots and shoes; second, the workman, during the operation, is not required or obliged to exchange his tools, as required by the ordinary process.

I claim the arrangement of knife *d* and awl *e* with clamp *a*, attached to the lower part of pincers, for the purpose specified.

Witnesses:

EDWARD CRAIG,  
MILTON BROWN.

JOSEPHUS W. MAXFIELD.