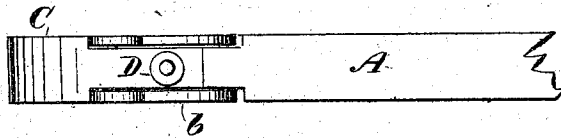
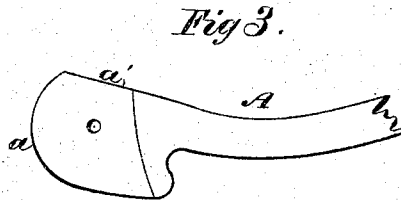
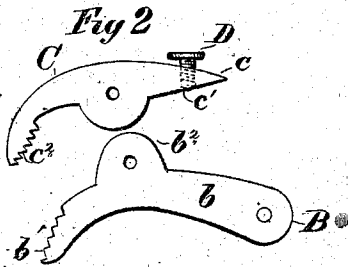
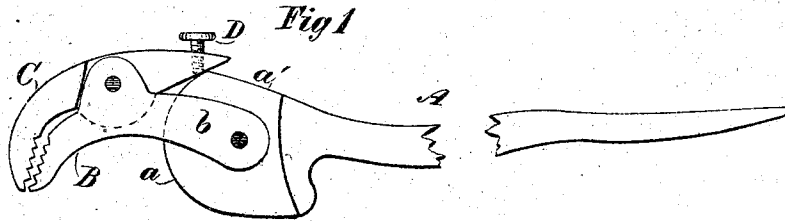


J. H. BEAN.

Shank-Lasters for Shoemakers.

No. 136,896.

Patented March 18, 1873.



Witnesses;  
Hannie C. Clark  
R. A. Dyer.

Inventor  
J. H. Bean  
by Dyer, Beade & Co.  
Attys.

# UNITED STATES PATENT OFFICE.

JOSEPH H. BEAN, OF CINCINNATI, OHIO.

## IMPROVEMENT IN SHANK-LASTERS FOR SHOEMAKERS.

Specification forming part of Letters Patent No. 136,896, dated March 18, 1873.

*To all whom it may concern:*

Be it known that I, JOSEPH H. BEAN, of Cincinnati, in the county of Hamilton, and State of Ohio, have invented a new and useful Improvement in Shank-Lasters and Saddle-Pinchers; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawing and to the letters of reference marked thereon.

This invention consists in construction of a shank-laster with a single handle having a circular end, and pivoting to said handle the lower member of the jaw, the upper member being pivoted to the lower, and being caused to close upon it to gripe the leather or to move from it to release it by the movement of its rear end over the peculiarly-shaped surface of the handle end, which is adapted to produce the desired result.

In the drawing, Figure 1 represents a side elevation of my improved shank-laster; Figs. 2 and 3, views of the parts detached from each other; and Fig. 4, a top view.

To enable others skilled in the art to make and use my invention, I will now proceed to fully describe its construction.

A represents the handle constructed of any suitable material and proper size, and which may be generally of any convenient shape. Its front end, however, is provided with the circular conformation *a* and the flat portion *a'*. B represents the lower member of the jaws provided in the rear with arms *b b* pivoted in the recesses of handle A, in front with the gripping face *b<sup>1</sup>* and near its center with the ears *b<sup>2</sup> b<sup>3</sup>*, as shown. C represents the upper member of the jaws, provided in the rear with the arm *c*, having the inclined face *c<sup>1</sup>* in front with the gripping face *c<sup>2</sup>*, and pivoted near its center to the ears of the member B, as shown. D represents a set-screw projecting from the arm *c*, as shown. If desired, instead of this

set screw, a spring and friction roller may be employed.

The operation of my improved shank-laster is as follows:

When it is desired to grasp the leather the jaws should be thrown upward to open them, in which case the bearing end of the screw moves out of contact with the circular end of the handle and over the flat portion *a'*, in which position there is room between it and the handle to permit the jaws to be opened. The leather having been inserted between the jaws, and the handle being brought down, its circular end is brought into contact with the end of the screw, by which means the jaws are forced tightly together. It will be understood that the circular end of the handle corresponds with the line of movement of the arm of the upper member of the saw, so that the leather is held in the same relative position to the lower member in every part of its movement over the circular end. When, however, the arm moves out of contact with the circular end it may be depressed into the space cut from the circle so as to permit the jaws to be opened. By means of the set-screw the jaws may be adjusted for different thicknesses of leather, and the wear of the implement may be compensated for.

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

The shank-laster described, consisting of the handle A, having its bearing-surface arranged as described, the members B C and the adjusting-stop D, substantially as described.

This specification signed and witnessed this 22d day of January, 1873.

J. H. BEAN.

Witnesses:

J. B. FORAKER,  
P. J. DONHAM.