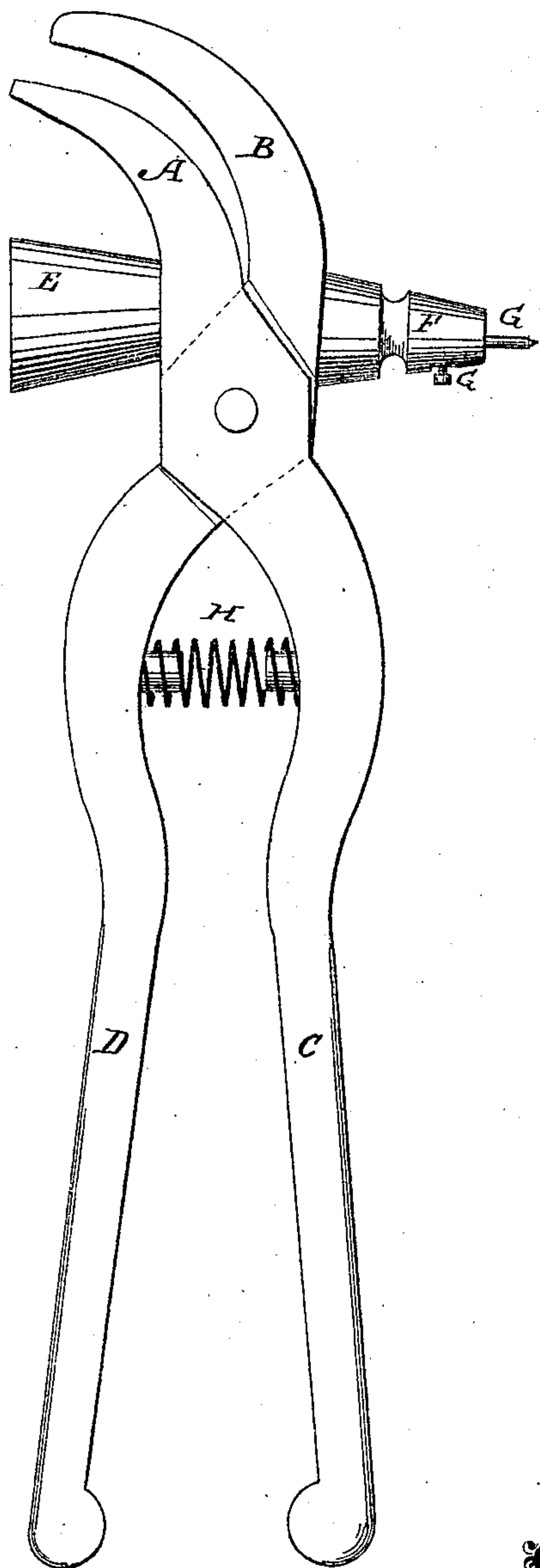


J. F. OBER.  
Shoemakers' Tools.

No. 133,383.

Patented Nov. 26, 1872.



Witnesses:

*Chas. Nida*  
*C. Ingwick*

Inventor:

*J. F. Ober*

PER

*Munn & Co.*  
Attorneys.

# UNITED STATES PATENT OFFICE.

JOSEPH F. OBER, OF MOUNT DESERT, MAINE.

## IMPROVEMENT IN SHOEMAKERS' TOOLS.

Specification forming part of Letters Patent No. 133,383, dated November 26, 1872.

*To all whom it may concern:*

Be it known that I, JOSEPH FRANKLIN OBER, of Mount Desert, in the county of Hancock and State of Maine, have invented a new and useful Improvement in Combination Tool, of which the following is a specification:

The figure is a side view of my improved tool.

My invention has for its object to furnish an improved combination tool, designed more especially for shoemakers' use in lasting shoes; and it consists in a pinchers, provided with an awl-socket and hammer, and in the combination of a spring with the handles of a pinchers, as hereinafter more fully described.

A B represent the jaws of the pinchers, which should be toothed, corrugated, or roughened to enable them to take a firm hold upon the leather and prevent them from slipping. The jaws A B are curved in the ordinary manner to enable them to grasp the leather conveniently. C D are the handles, which are so formed that the pinchers may be used either side up with the same facility. Upon the lower side of the base of the lower jaw A is formed a hammer, E, and upon the upper side of the upper jaw B is formed a socket, F, to receive an awl, G, which is secured in said socket by a set-screw or other convenient and well-known means for this purpose. Upon the inner sides of the handles C D, near their

pivoting-point, are formed projections to receive the ends of a coiled spring, H, as shown in the figure. The spring H holds the jaws apart when the pressure upon the handle is relaxed, so that they may be in proper position to receive the leather. The coiled spring H may be replaced with a spring of another kind, if desired.

In using the tool, the upper is grasped with the pinchers and drawn into place. The tool is then reversed while being raised, and with a blow, as if with a hammer, the awl is driven into place. A peg is then taken from the mouth and inserted in the hole and driven into place by a blow with the hammer, the tool being reversed in the hand while being raised to give the blow. In this way the shoe may be lasted without laying down the tool, except at the toe, when it is laid down to shave off the folds of the upper to make it lie smooth.

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

A shoemaker's tool, A B C D, provided with hammer E and awl-socket F, arranged with respect to each other and to the jaws, as described.

JOSEPH FRANKLIN OBER.

Witnesses:

L. J. HIGGINS,  
O. C. GAGE.