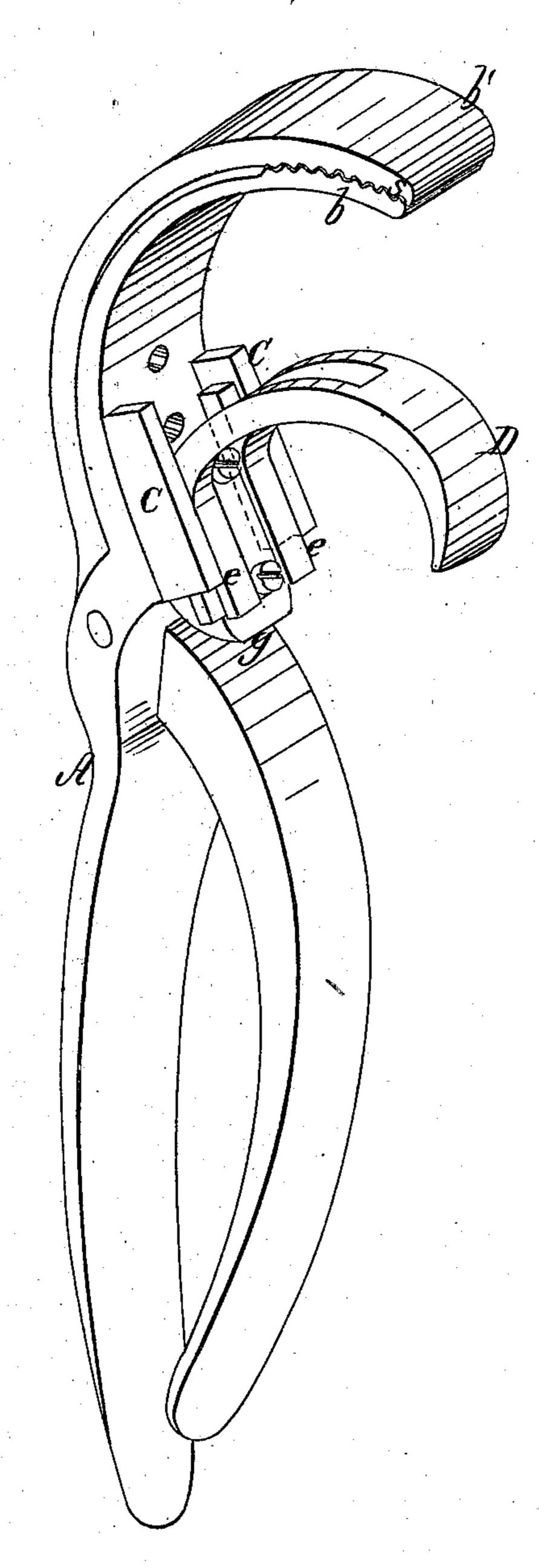
11/1/2/2012

25/202772/22/2011

195,172.

Palendel Sept. 21, 1869.



John A Ellis, b, alexanon Inventor; Mo Halpole For No Alexander Atty

## Anited States Patent Office.

## MICHAEL WALPOLE, OF MILFORD, MASSACHUSETTS.

Letters Patent No. 95,172, dated September 21, 1869.

## IMPROVED SHOEMAKERS' TOOL.

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, MICHAEL WALPOLE, of Milford, in the county of Worcester, and State of Massachusetts, have invented certain new and useful Improvements in Tools for Shoemakers' Use; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, which form a part of this specification, in which the figure in the annexed drawing represents a perspective view of my invention.

The nature of my invention consists in constructing a shoemakers' pincers, the upper jaw of which is furnished with a projecting lip, and also, in supplying the said pincers with an adjustable fulcrum, in the manner set forth.

The letter A represents the body of the pincers. b b' designate the two jaws, which are made convexo-concave, and serrated at their outer end.

The lip d of the upper jaw b' is made to project a little over the lip of the lower jaw, for the purpose of getting a better grip on the leather.

Near the point where the two jaws are pivoted together, the jaw b is furnished with the tongued sidepieces C C, the object of which will be hereafter explained.

D represents the convexo-concave fulcrum, the base of which runs parallel with the side-pieces C C, and are grooved to receive the tongues in said side-pieces.

The fulcrum D has a slot, extending from its base upward about half its length, the object of which is to admit of operating one of the screws which confine the base e to the bed-piece g, the said bed-piece being attached to jaw b, near the point where it is pivoted to jaw b.

The bed-piece g will have several perforations, so that the fulcrum D can be meved out or in, to suit the purpose of the operator.

One of the advantages which I claim for my pincers is that when engaged in drawing the upper leather over the sole, the fulcrum can be adjusted at a point where the jaws can perform their function most successfully.

Having thus described my invention,

What I claim, and desire to secure by Letters Patent, is—

The adjustable fulcrum D, arranged in combination with pincers A, in the manner and for the purpose set forth.

In testimony that I claim the foregoing as my own, I affix my signature, in presence of two witnesses.

MICHAEL WALPOLE.

Witnesses:

GEO. G. PARKER, WM. H. LOTHROP.