

(No Model.)

J. M. L. MATTHEY.
UNIVERSAL TONGS.

No. 259,886.

Patented June 20, 1882.

Fig. 2.

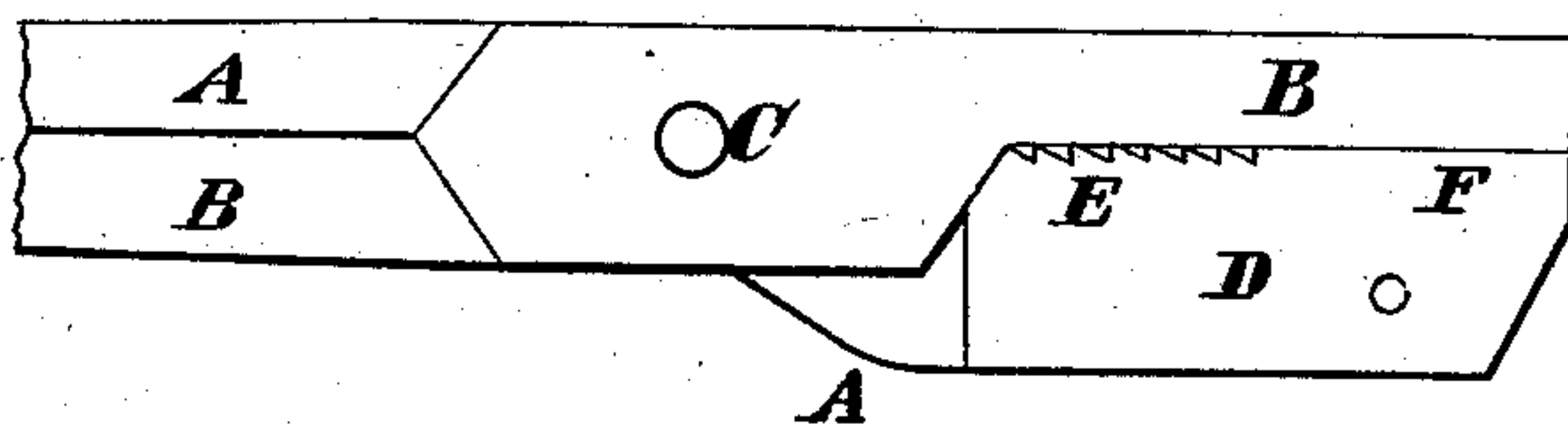


Fig. 1.

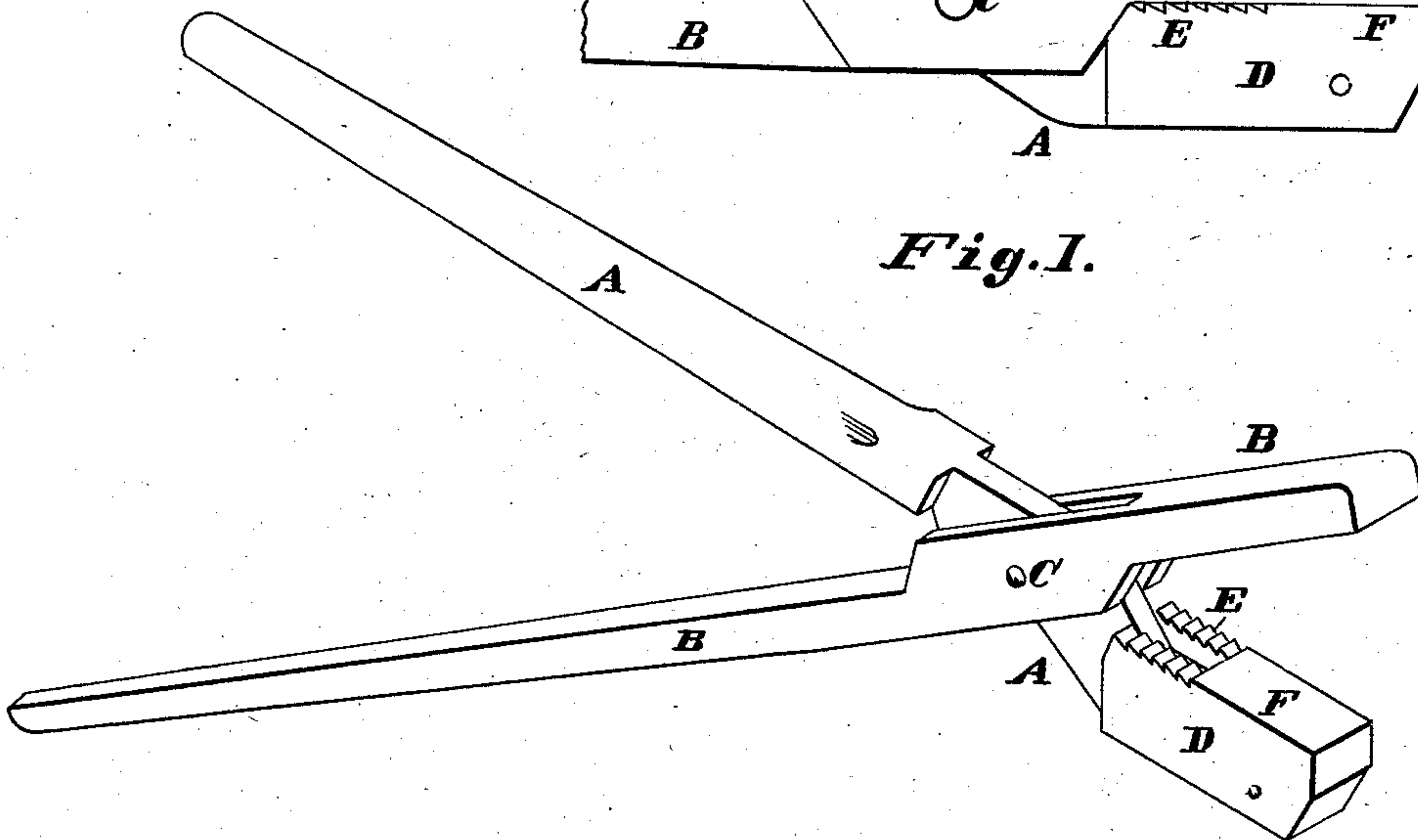


Fig. 3.

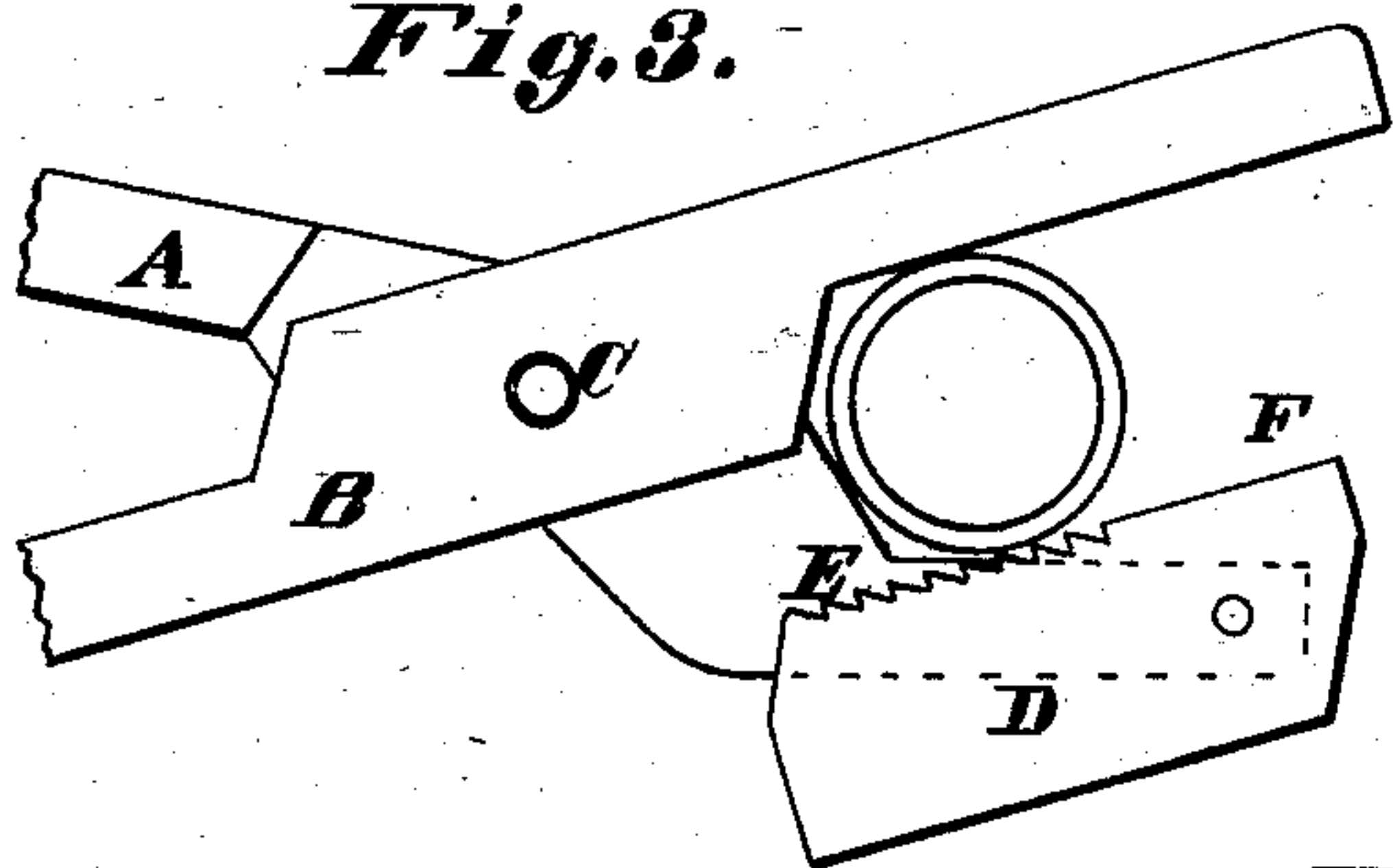


Fig. 4.

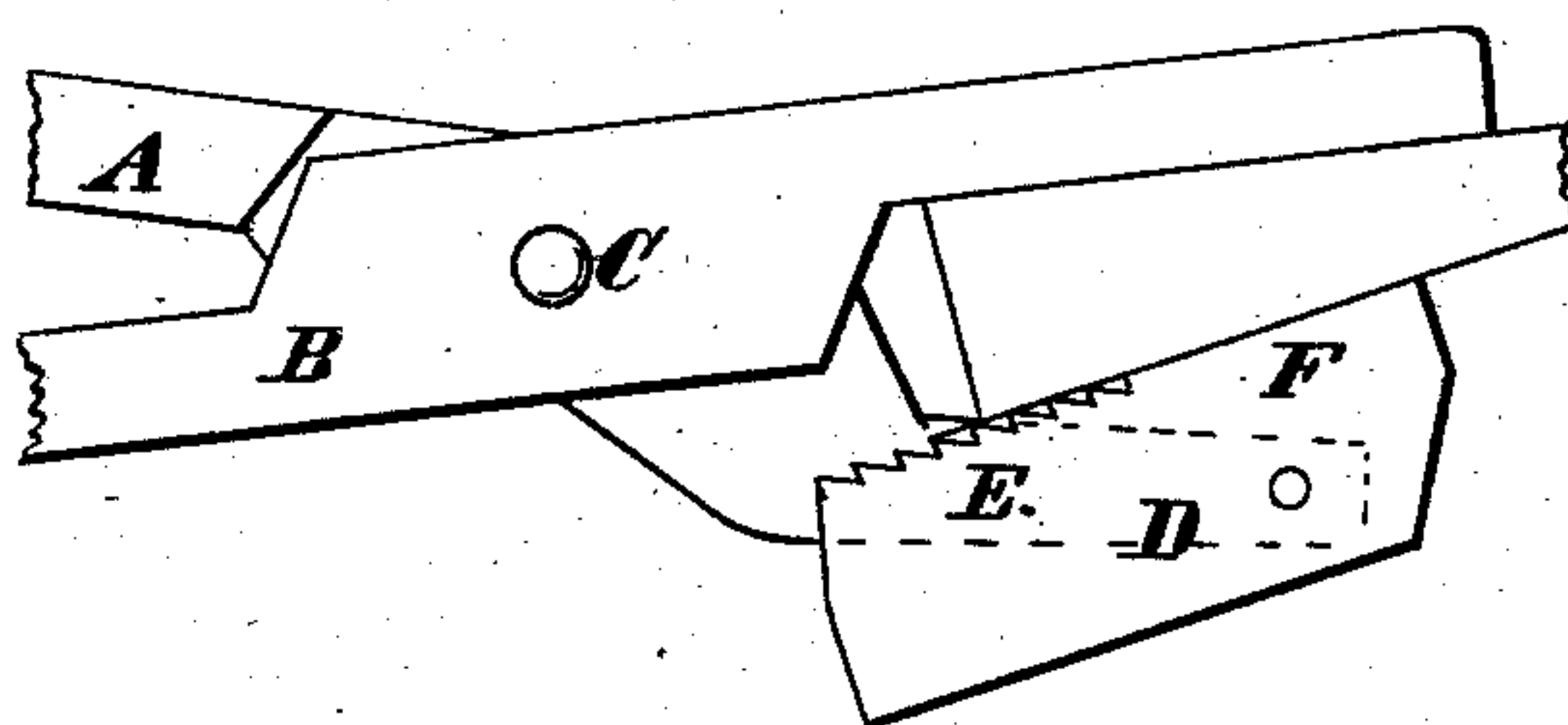
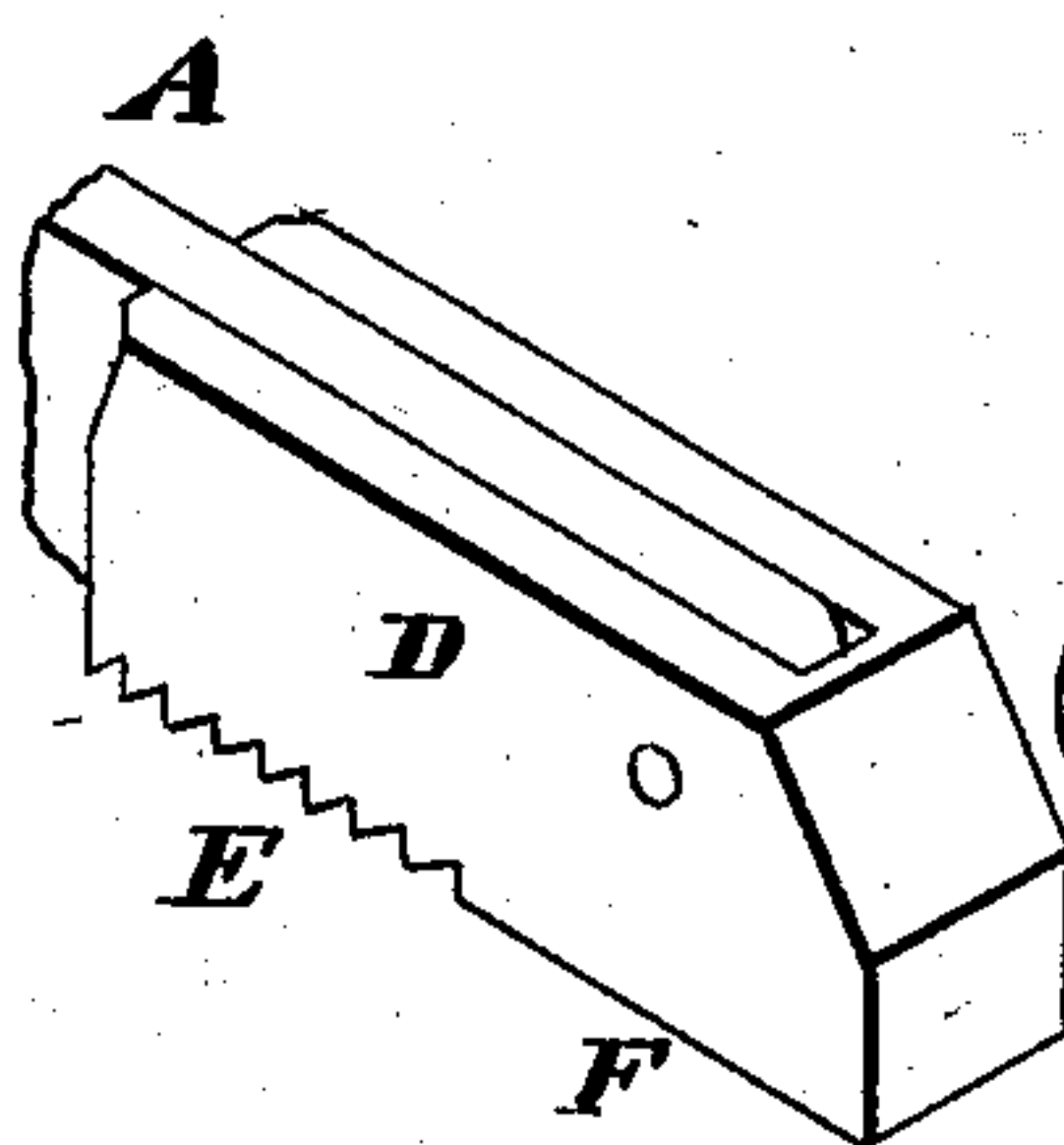


Fig. 5.



Attest:

Charles Pickles
Geo. H. Knight.

Inventor:

Jean M. L. Matthey
By Knight Bros.

Attys

UNITED STATES PATENT OFFICE.

JEAN M. L. MATTHEY, OF ST. LOUIS, MISSOURI.

UNIVERSAL TONGS.

SPECIFICATION forming part of Letters Patent No. 259,886, dated June 20, 1882.

Application filed May 5, 1882. (No model.)

To all whom it may concern:

Be it known that I, JEAN M. L. MATTHEY, of the city of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Universal Tongs, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, in which—
10 Figure 1 is a perspective view with the arms open. Fig. 2 is a detail side view with the arms closed. Fig. 3 is a detail side view, showing the position of the tongs when used as a pipe-wrench. Fig. 4 is a detail side view, showing their position when receiving the large end of a wedge-shaped object. Fig. 5 is a detail perspective view.

The object of my invention is to so construct tongs that they will conform themselves to any shaped object; and my invention consists broadly in pivoting to the end of one of the arms a block having the inner portion of its clamping-face notched or serrated for the pur-

pose of taking a secure hold of objects when desired, while the outer portion of its face is left smooth for clamping delicate objects. The corresponding end of the other arm is plain and smooth.

A B represent the arms pivoted together at C. To the clamping end of the arm A is pivoted a block, D, having teeth E on the inner end for the purpose stated and a smooth outer end, F. The block preferably has a mortise to receive the end of the arm, which passes completely through its inner end, allowing it to assume the position shown in Figs. 3 and 4, for the purpose stated and shown.

I claim—

The combination of arms A B, pivoted together at C, arm A being provided with an adjustable block, D, having teeth E and smooth portion F, as and for the purpose set forth.

JEAN M. L. MATTHEY.

Witnesses:

SAML. KNIGHT,
GEO. H. KNIGHT.