

No. 686,468.

Patented Nov. 12, 1901.

C. MORRILL, Dec'd.

S. C. MORRILL, Executrix.

SAW SET.

(Application filed July 5, 1901.)

(No Model.)

Fig. 1.

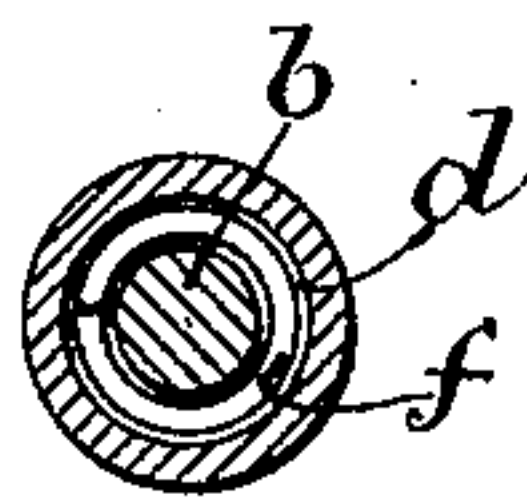
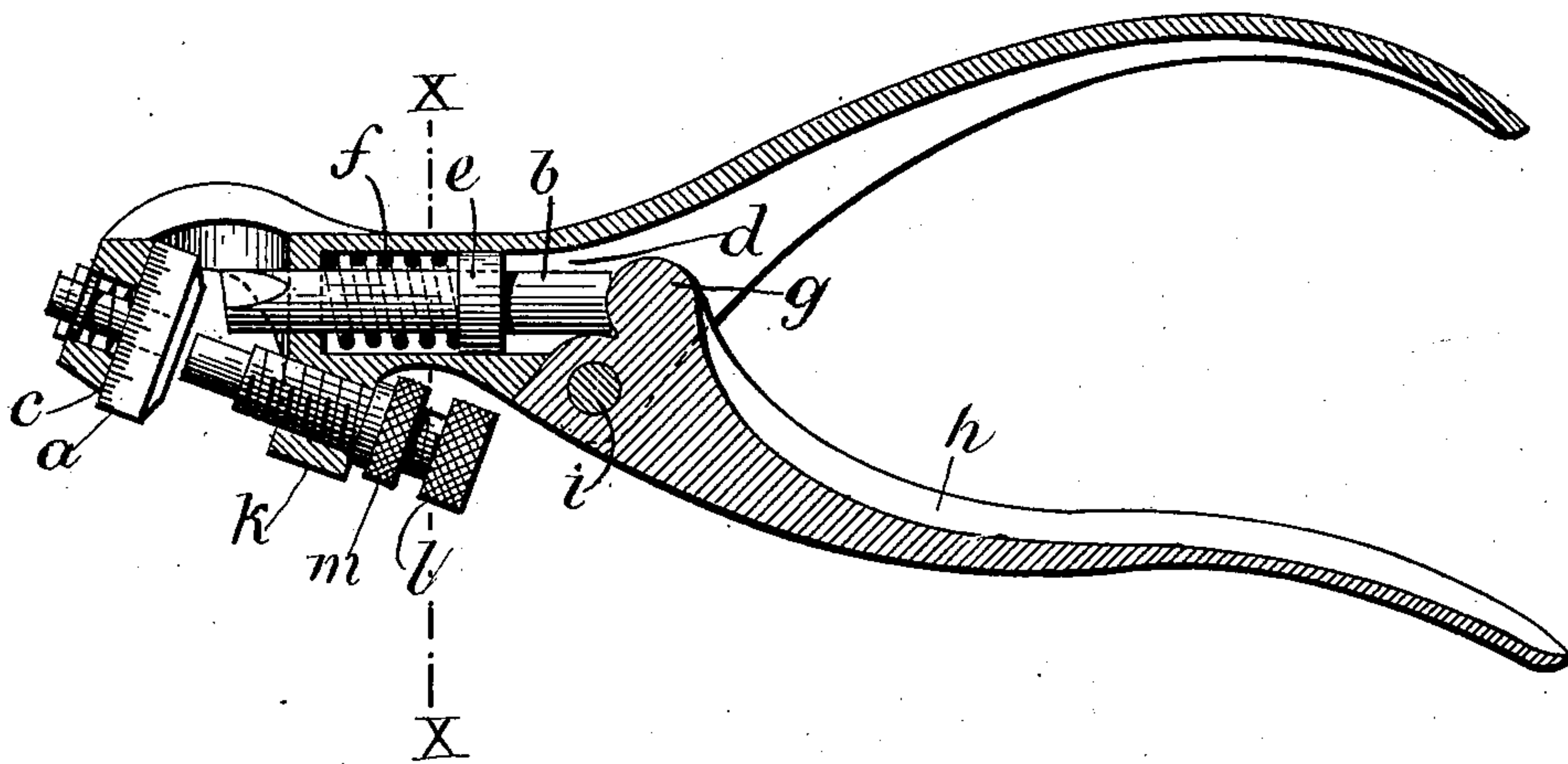


Fig. 2.

WITNESSES:

Monzo A. Marr
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INVENTOR:

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By Sarah C. Morrill, Executrix

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UNITED STATES PATENT OFFICE.

SARAH C. MORRILL, OF NEW YORK, N. Y., EXECUTRIX OF CHARLES MORRILL, DECEASED.

SAW-SET.

SPECIFICATION forming part of Letters Patent No. 686,468, dated November 12, 1901.

Application filed July 5, 1901. Serial No. 67,100. (No model.)

To all whom it may concern:

Be it known that CHARLES MORRILL, deceased, late of the city of New York, borough of Manhattan, and State of New York, did invent certain new and useful Improvements in Saw-Sets, of which the following is a specification.

The invention consists of arranging the axis of the cylindrical-shaped rotative anvil horizontally oblique to the axis of the horizontally-moving plunger in a manner that will place the plane surface of the continuous eccentric bevel of the said anvil parallel with the plane surface on end of the plunger aforesaid.

In the drawings, Figure 1 represents a longitudinal central section of a complete saw-set, in which view is shown the main features of the invention. Fig. 2 represents a transverse section taken on line X X. In this view is shown the manner of housing the plunger and its retracting-spring.

Similar letters refer to similar parts throughout the drawings, in which—

a represents the rotative anvil, having its axis arranged obliquely to the axis of the horizontally-moving plunger *b* and one of its plane surfaces engaged with the inclined plane *c*, the latter of which is integral with the stock of the tool. It will be obvious that the anvil may be held in position by any well-known means in the state of the art.

The stock of the tool is provided with a horizontally-arranged bore *d*, the latter adapted to receive the plunger *b*, provided with the fixed collar *e*, which serves as a bearing for the plunger on the inner wall of the bore or housing *d*. It also serves as an abutment for the retracting-spring *f*. The rear end of the plunger *b* engages with the cam *g*, integral

with the lever-handle *h*, the latter of which operates upon the fulcrum-pin *i*, which engages with the depending ears arranged on the under side of the stock of the tool. The stock of the tool is provided with the depending lug *k*, provided with a screw-tap, the latter of which adapted to receive a corresponding gage-screw or saw-adjusting device *l*, which also carries a check or lock nut *m*.

It is known that a polygonal-shaped rotative anvil having its axis arranged vertically oblique to a horizontally-moving plunger has heretofore been made; but it is not known that a cylindrical-shaped rotative anvil having a continuous eccentric bevel thereon has ever before been arranged with its axis horizontally oblique to the horizontally-moving plungers.

What is claimed as new, and desired to be secured by Letters Patent, is—

The combination with a saw-set having a horizontally-moving plunger and saw-adjusting device of a cylindrical-shaped rotative anvil having a continuous eccentric bevel thereon, the axis of the anvil arranged horizontally oblique to the axis of the said horizontally-moving plunger, the continuous plane surface forming the eccentric bevel aforesaid arranged parallel with the plane surface on the forward end of the plunger aforesaid, substantially as shown and described.

Signed at New York, in the borough of Manhattan and State of New York, this 24th day of June, 1901.

SARAH C. MORRILL,

Executrix of the estate of Charles Morrill.

Witnesses:

WM. C. DUNCAN,
ALONZO A. MARR.