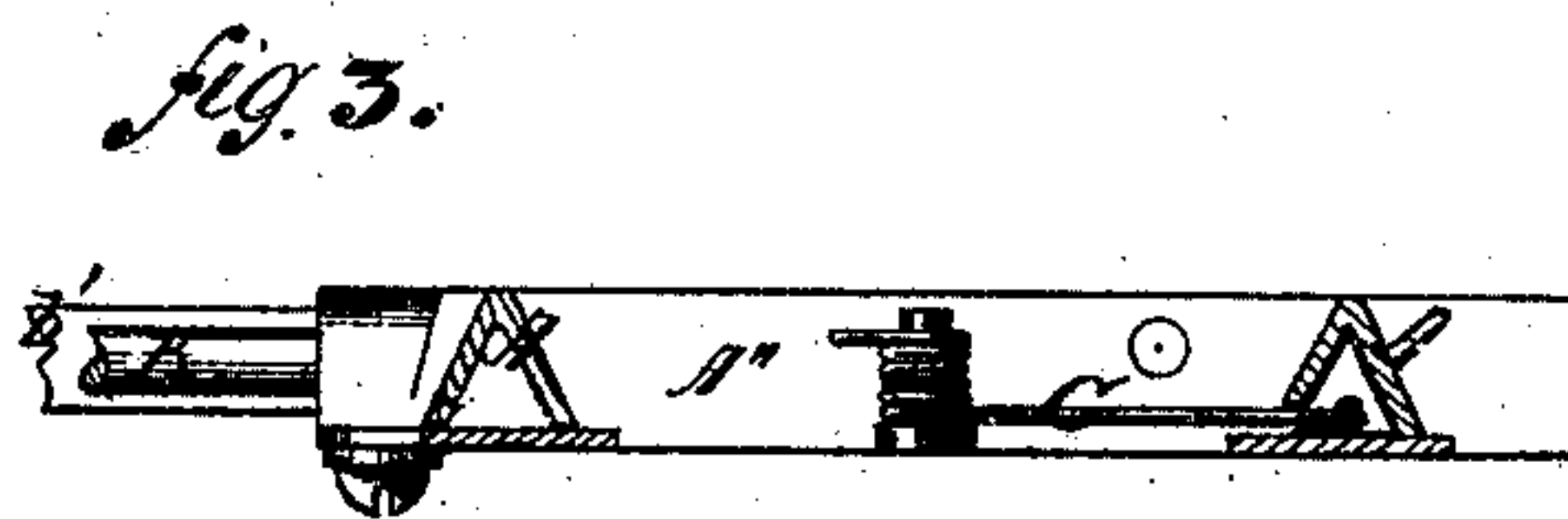
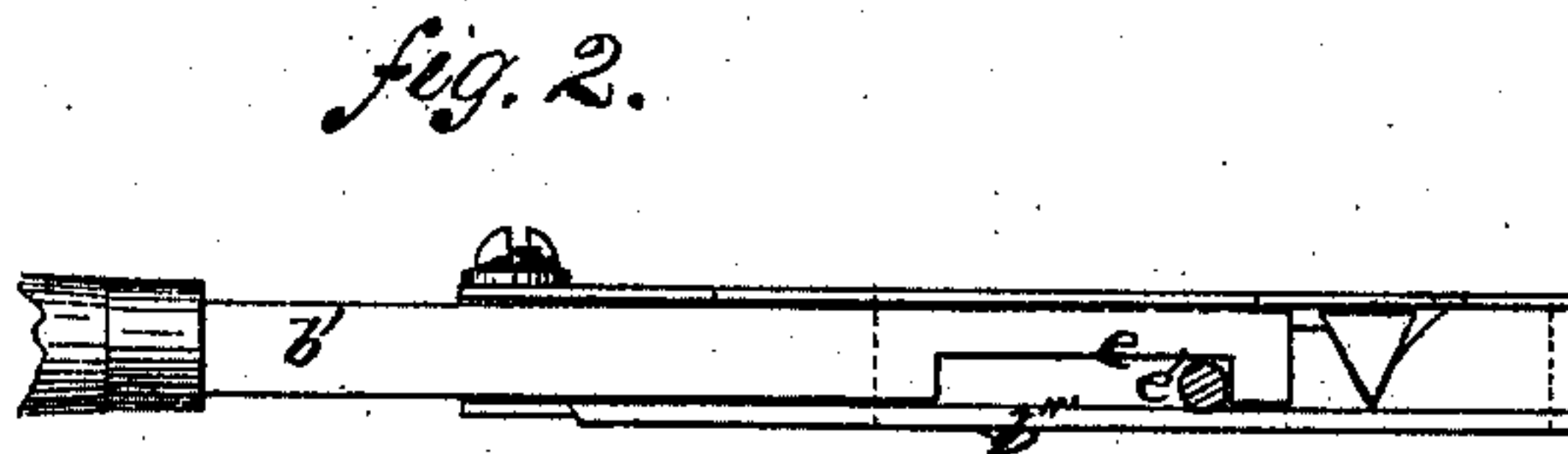
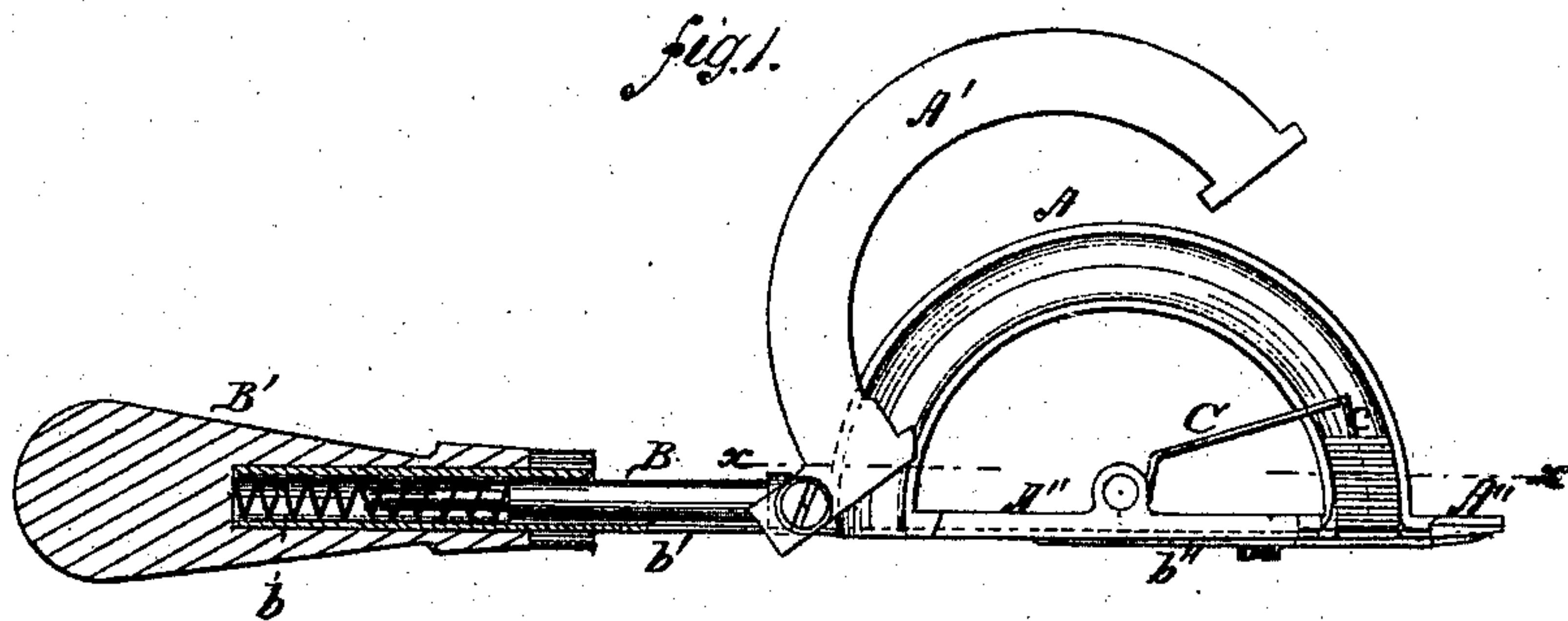


M. D. Converse,

Brad Setter

No. 100,605.

Patented Mar. 8. 1870.



Witnesses:

Victor Hagmann
Chas. A. Pettit

Inventor:

M. D. Converse
per *James H. [unclear]*
Attorneys.

United States Patent Office.

MACK D. CONVERSE, OF LONDON, OHIO.

Letters Patent No. 100,605, dated March 8, 1870.

IMPROVEMENT IN BRAD-SETTER.

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, MACK D. CONVERSE, of London, in the county of Madison, and State of Ohio, have invented a new and improved Glazier's Point-Driver; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings making a part of this specification, in which—

Figure 1 is a side elevation, showing the brad-reservoir open, together with a longitudinal section through the handle;

Figure 2 is a plan, showing the operation of the slide; and

Figure 3 is an elevation, showing the operation of the feed-spring.

This invention relates to a semi-annular V-shaped chamber, in which the triangular points used for setting glass are placed, said chamber being shaped in conformity with the brads or points, and being combined with a feed-spring that keeps the points at the spot where they are required for use, and with a slide and guide, by and through which the points are driven, one by one, into the sash.

In the drawings—

A is the semi-annular chamber or reservoir, which holds the points, having its inner side parallel with the adjacent sides of the points, so as to hold them in unbroken column.

The outer side of the chamber may be curved outward at the top, to enable the points to be readily put in place.

The chamber has a hinged cover, A', which shuts over it when in use, and prevents the points from falling out.

The inner side of the chamber is lower than the outer side, so as to leave a space for the play of the feed-spring, when the cover is closed.

The chamber A is affixed at one end to the extremity of a rod, B, which enters a socket in the handle B', and is confined in the socket with a coil-spring, b.

A plate, b', rigidly affixed to the handle at one end, projects parallel with the rod B, past the inner open end of the chamber A.

A plate, b'', is attached by a screw to the bar A'', that connects the two ends of the chamber, and said plate b'' projects past the outer open end of the cham-

ber, and forms a guide-way through which the slide b' plays, when the handle B' is shoved endwise on the rod B.

A flange, b'', stands out a little from the lower side of the bar A'', and forms a bottom for the said guide-way.

The slide b' is slotted, as seen at e, fig. 2, for the passage of the screw e' into the bar A'', and the screw therefore answers as a stop for the slide.

C is a spring arm, centrally pivoted with reference to the chamber A, and having a finger, c, entering said chamber, and placed against the rear of the column of points.

The tendency of the spring is to force the points toward the outer end of the chamber, so that the foremost point is always in the guide-way formed by the plate b'' and flange b''.

The outer corner a of the chamber is beveled off, as shown in fig. 1, so that when the slide b' is thrust against the point lying in the guide-way, there may be no obstruction to its forcing such point onward through the guide-way into the sash.

In using the instrument, the plate b'' is placed against the pane, and its point against the sash. Then the slide b' is operated by shoving the handle B' endwise, and at every thrust of the latter the slide drives a point into the sash. The spring b retracts the handle.

The points may be inserted as fast as the operator can work the slide, the outer end of the plate b'' is beveled off to an edge, so that when the point emerges from the guide-way, it may be in close contact with the glass.

The end of the bar A'' projects beyond the end of the beveled plate, for the same purpose.

Having thus described my invention,

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

The tool herein described, consisting of the semicircular chamber A, feed-spring C, bar A'', rod or stem B, sliding handle B', spring b, slide b', and beveled under plate b'', all constructed and operating in the manner and for the purpose specified.

MACK D. CONVERSE.

Witnesses:

N. K. ELLSWORTH,
CHAS. A. PETTIT.