

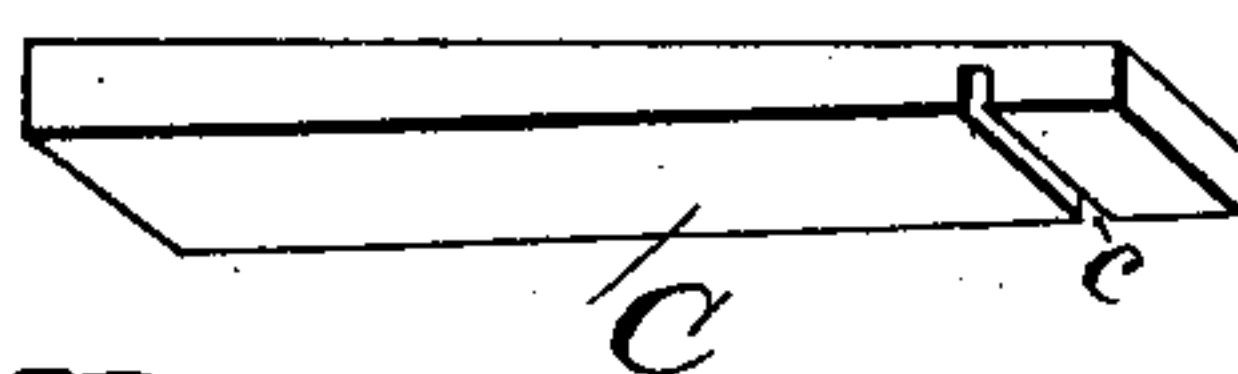
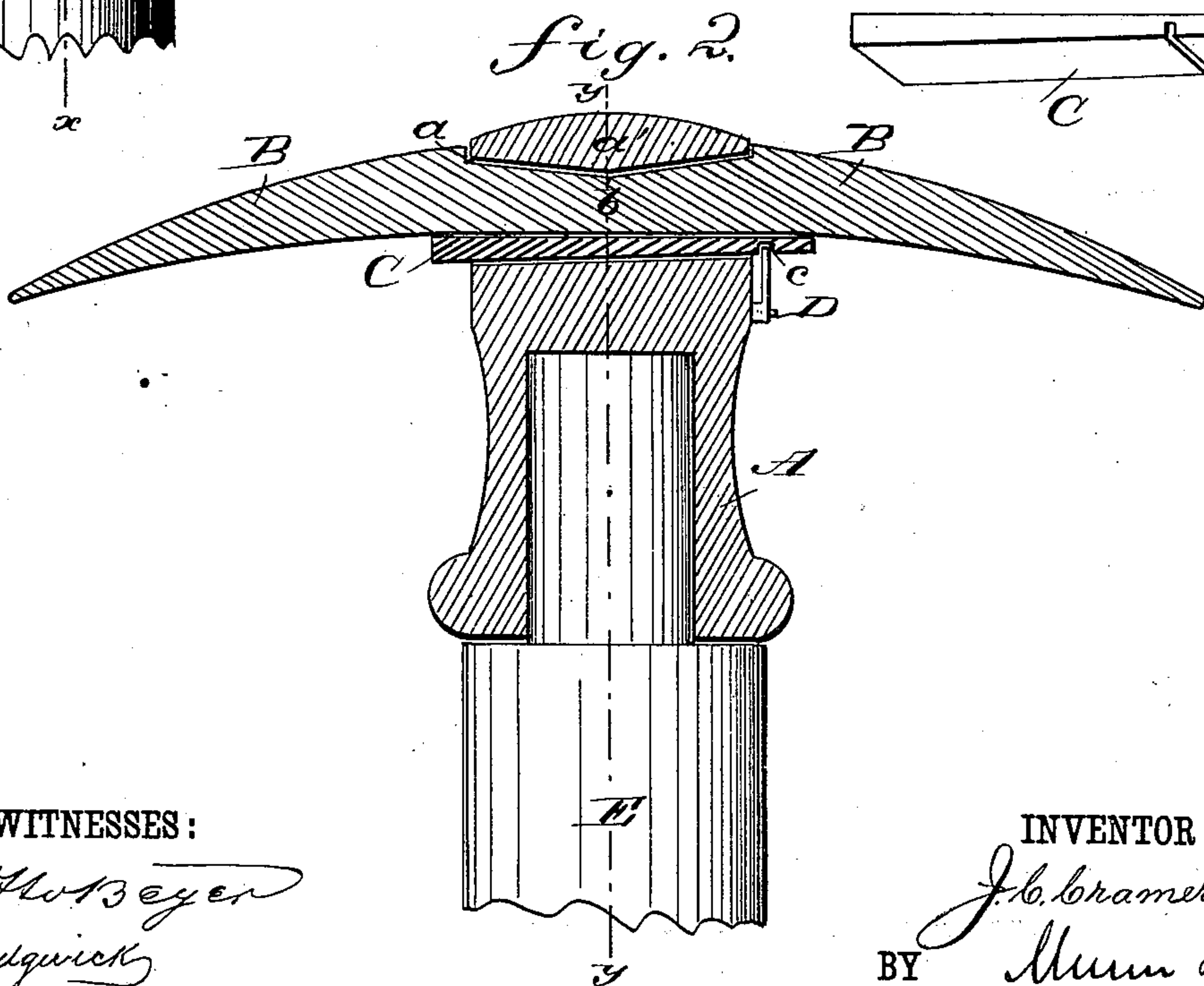
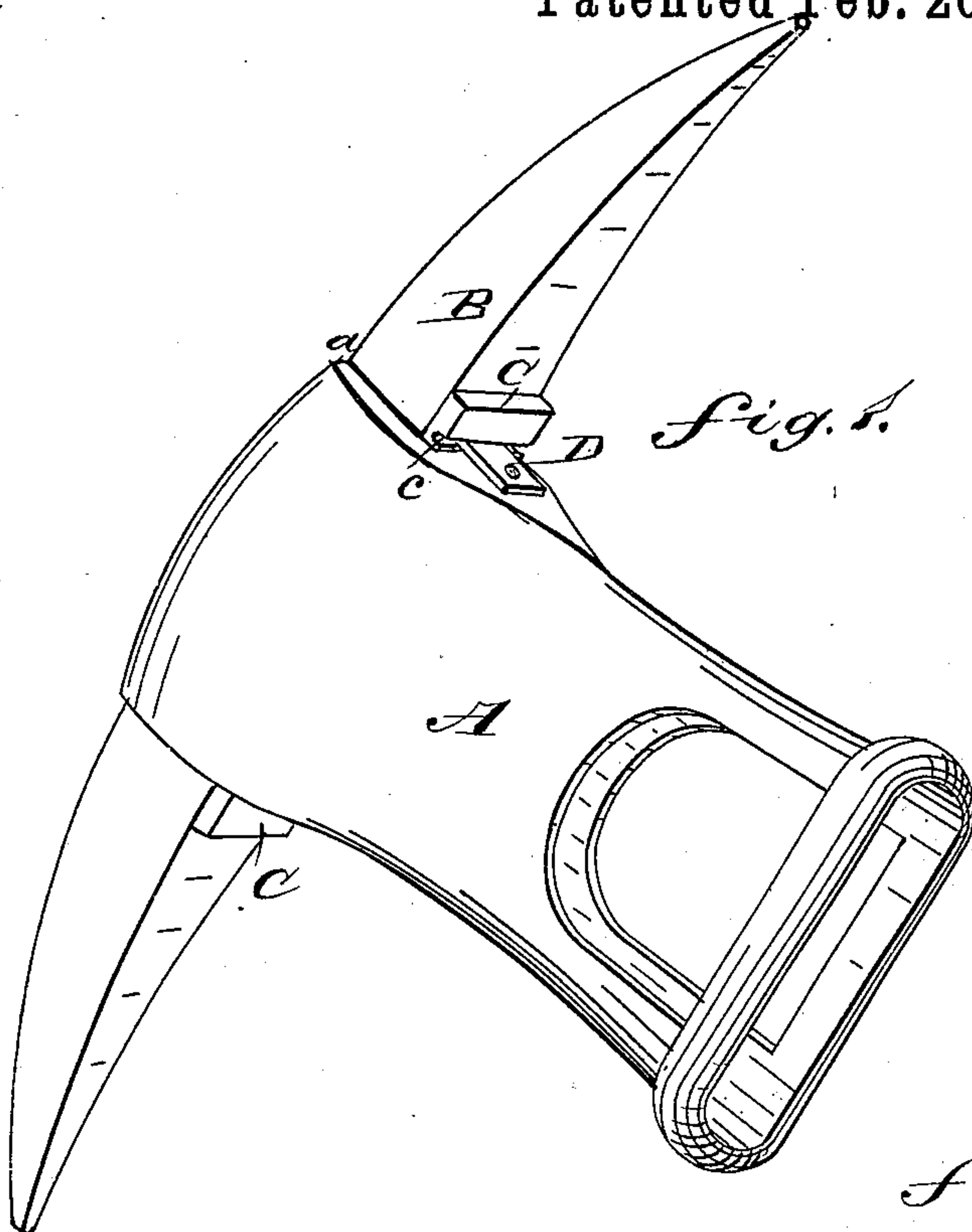
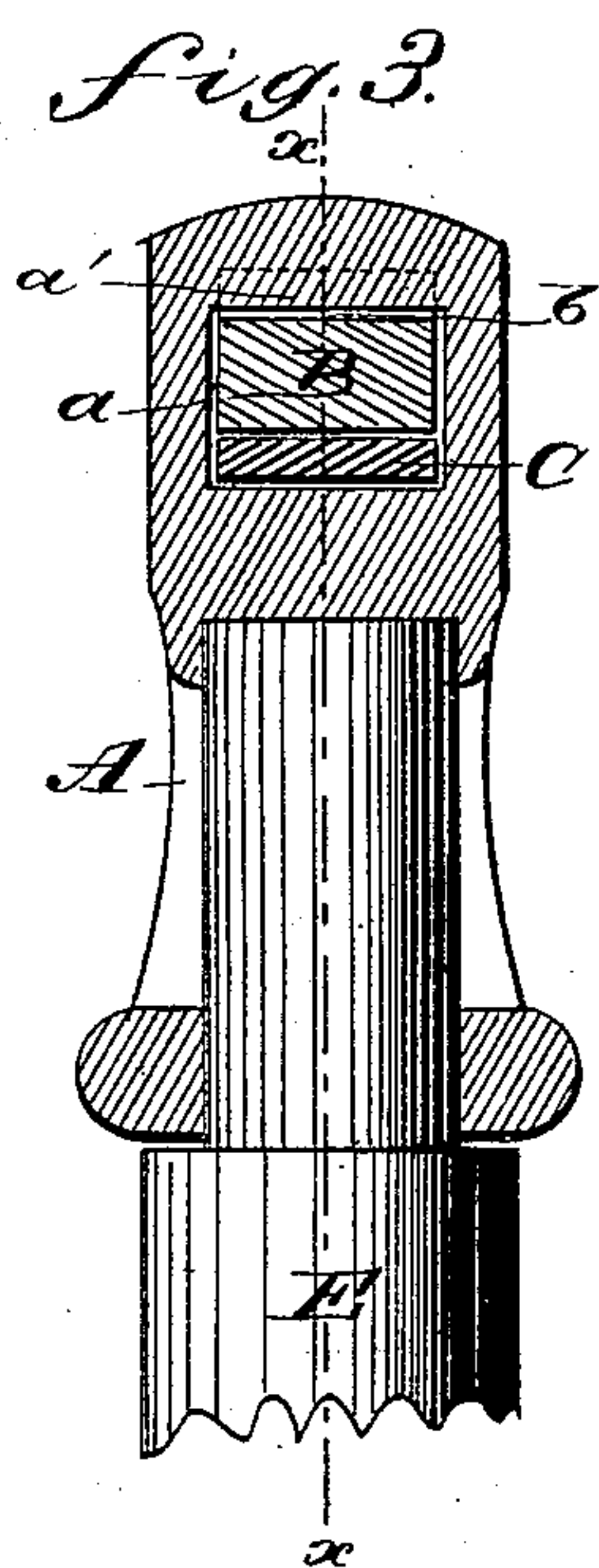
(Model.)

J. C. CRAMER.

PICK.

No. 272,661.

Patented Feb. 20, 1883.



WITNESSES:

Otto Beyer
L. Sulzwick

INVENTOR:

J. C. Cramer
BY *Mum & Co*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOSEPH C. CRAMER, OF LEADVILLE, COLORADO.

PICK.

SPECIFICATION forming part of Letters Patent No. 272,661, dated February 20, 1883.

Application filed September 9, 1882. (Model.)

To all whom it may concern:

Be it known that I, JOSEPH C. CRAMER, of Leadville, in the county of Lake and State of Colorado, have invented a new and Improved Pick, of which the following is a full, clear, and exact description.

This invention relates to certain improvements on my new and improved pick for which Letters Patent No. 249,311 were granted to me November 8, 1881; and it consists, first, in forming the outer wall of the pick passage or eye in the socket-head with an inwardly-projecting enlargement and in forming a depression in the back of the pick to fit the said enlargement; and, secondly, in providing the socket-head with a pivoted plate for locking the wedge in place, the end of the plate being adapted to enter a slot in the wedge.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of my improved pick. Fig. 2 is a sectional elevation of the same, taken on the line *xx* of Fig. 3. Fig. 3 is a sectional elevation taken on the line *yy* of Fig. 2, and Fig. 4 is a perspective view of the wedge removed from the pick.

A represents the socket-head; B, the pick; C, the wedge; D, the plate pivoted to the socket-head, and E (in Figs. 2 and 3) the handle of the pick. The upper or outer end of the

pick passage or eye *a* of the socket-head A is formed with the inwardly-projecting enlargement *a'*. The back of the pick B is formed with the depression *b*, which fits upon the enlargement *a'*, and the wedge C is formed near its thinnest end with the slot *c*, with which the outer end of the plate D is adapted to engage for locking the wedge in place. Constructed in this manner the enlargement *a'* serves to strengthen the socket-head as well as to hold the pick B, and the wedge is held from jarring out in a very efficient and simple manner.

I am aware that it is old to provide the back of the pick proper with a depression or notch to receive that side of a strip bolted to the handle and forming its eye or socket.

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

1. The socket-head A, having the plate D pivoted thereto, in combination with the wedge C, having the groove *c*, and the pick B, substantially as and for the purposes described.

2. The socket-head A, formed with the enlargement *a'*, and the pick B, formed with the depression *b*, in combination with the pivoted plate D and wedge C, formed with the slot *c*, substantially as described.

JOSEPH C. CRAMER.

Witnesses:

H. A. WEST,
C. SEDGWICK.