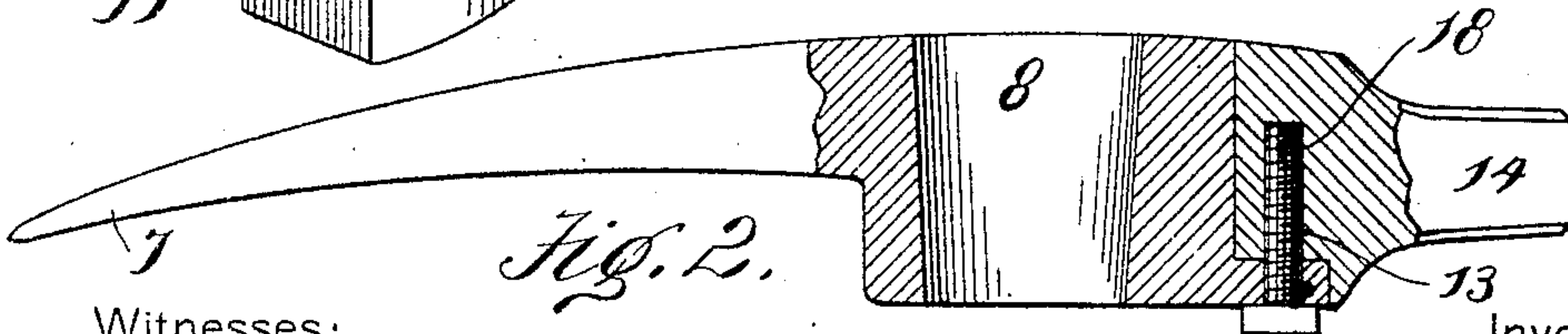
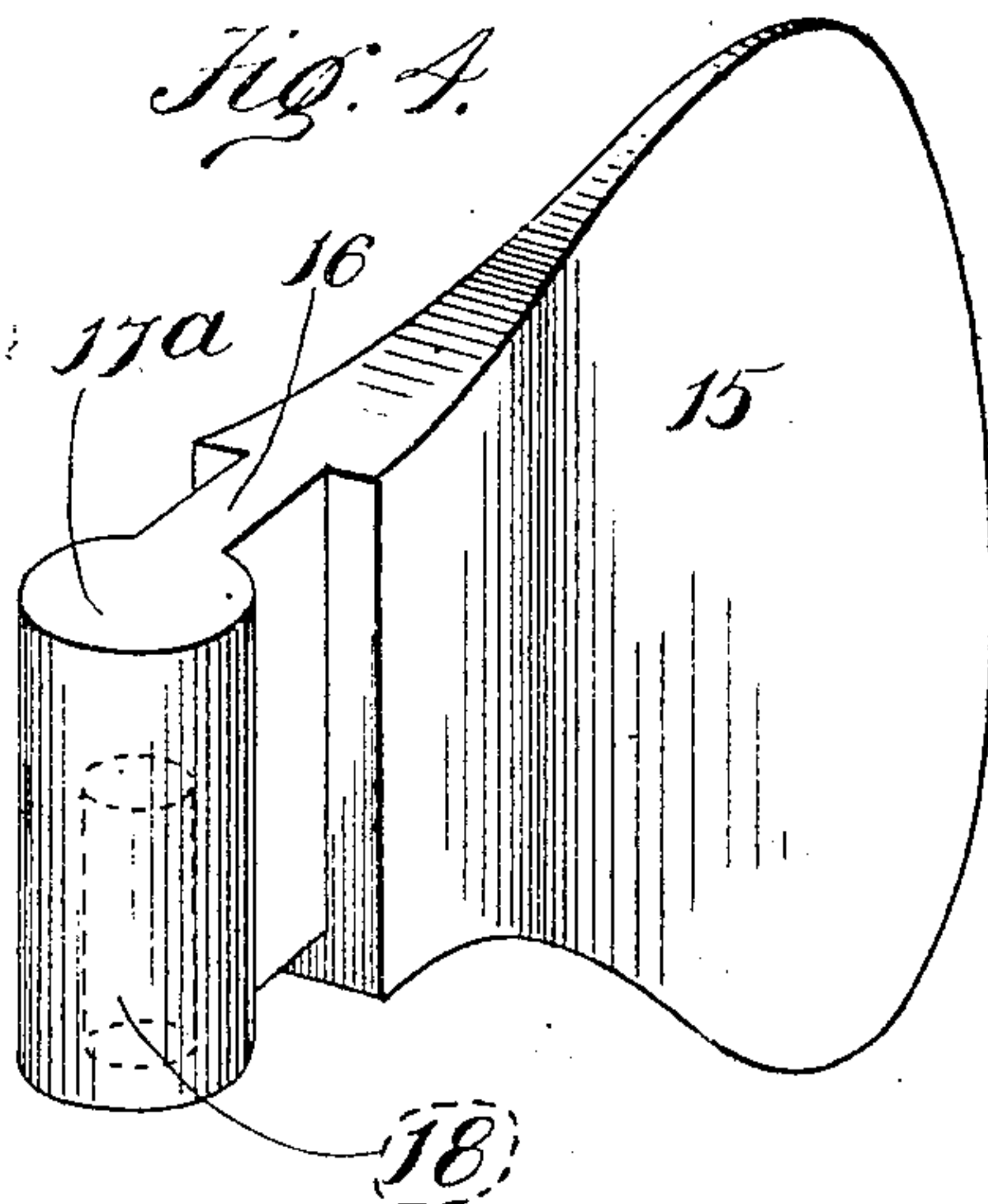
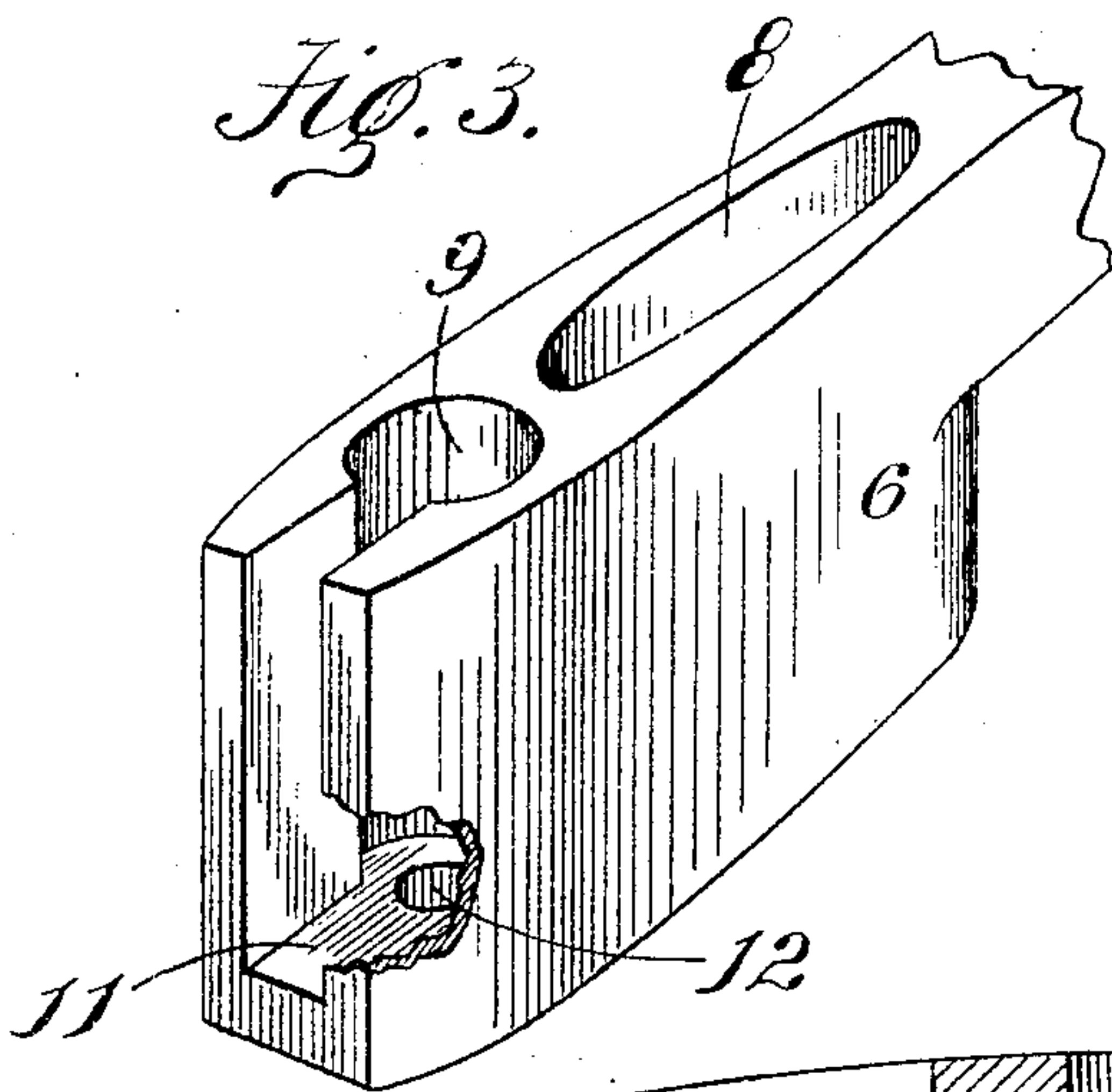
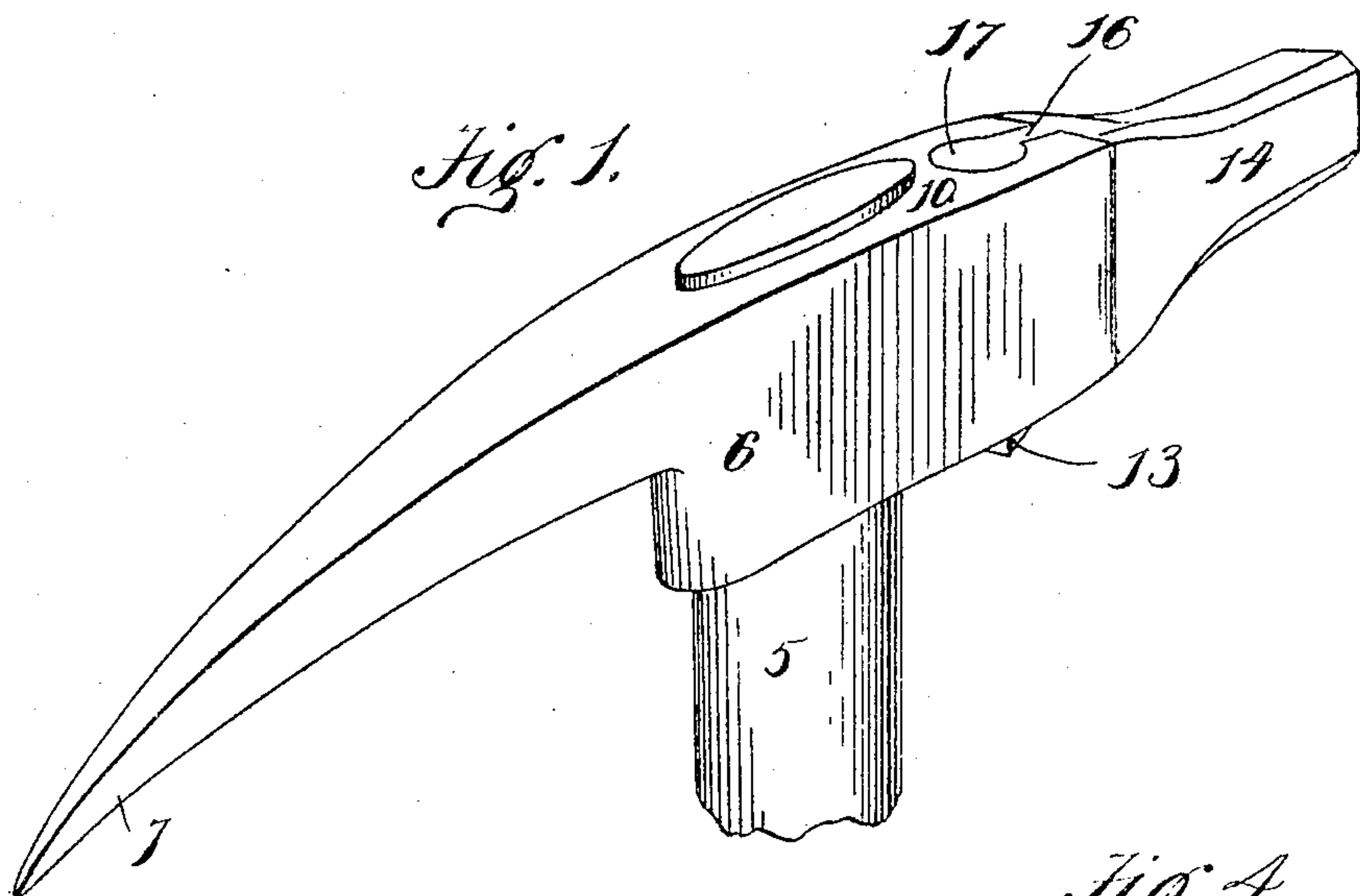


No. 803,620.

PATENTED NOV. 7, 1905.

J. McMAHON.
PROSPECTOR'S PICK AND AX.
APPLICATION FILED AUG. 12, 1904.



Witnesses:

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UNITED STATES PATENT OFFICE.

JAMES McMAHON, OF REVELSTOKE, CANADA.

PROSPECTOR'S PICK AND AX.

No. 803,620.

Specification of Letters Patent.

Patented Nov. 7, 1905.

Application filed August 12, 1904. Serial No. 220,470.

To all whom it may concern:

Be it known that I, JAMES McMAHON, a subject of the King of Great Britain, residing at Revelstoke, county of Kootenay, in the Province of British Columbia, Canada, have invented certain new and useful Improvements in Prospectors' Picks and Axes; and I do hereby declare that the following is a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to new and useful improvements in a combination-tool of that class comprising a prospector's pick and ax; and it consists in certain features of novelty in the detail construction and arrangement thereof, all as hereinafter more fully described, and specifically pointed out in the claim.

The object of the invention is to produce a device of the character described which may be used as a combination-tool upon a single handle, so that a variety of tools may be connected with a single pick carrying a cutting or digging point.

Referring to the annexed drawings, in which similar numerals of reference indicate corresponding parts in all the views, Figure 1 is a perspective view of my improved combination-tool wherein the pick is provided with a hammer-head placed in position thereupon. Fig. 2 is a side elevational view, partly in section, showing details of construction of the device shown in Fig. 1. Fig. 3 is a partial broken perspective view showing the recessed end of the tool-head hereinafter referred to, and Fig. 4 shows an ax-blade with attaching means adapted to be united with the tool shown in Figs. 1 and 2 when the hammer-head thereof is removed.

Referring to the parts, 5 is a handle for use in operating the tool, which may be of any desired form or material. Upon this handle is mounted a head 6, which is preferably perforated for receiving the handle 5 and is provided with the pick-point 7, (shown in Figs. 1 and 2,) which pick-point is preferably integral with the head 6 shown thereon.

Extending partially through the head 6 and in approximate parallelism with the perforation 8 thereof is a seat or recess 9, which extends from the upper or outer end 10 of the head almost entirely therethrough, as shown in Fig. 3. The recess 9 terminates at the

ledge 11 within the head 6, which ledge 11 is provided with a perforation 12, through which may be projected the screw 13. (Shown in Fig. 2.)

Coöperating with the head 6 and pick 7 may be one or more tools, as 14 and 15, the tool 14 consisting of a hammer-head, which is provided with a neck portion 16, terminating in an enlargement 17 of approximately circular form, which enlargement 17 is adapted to rest in the recess 9.

As shown in Figs. 2 and 4, the enlargements 17 17^a are provided with recesses 18, which are open at their lower ends and extend up into the body portion of the members 17 17^a, where they are preferably screw-threaded internally to provide engaging means whereby the locking-screw 13 may be utilized to hold the hammer-head 14 and ax 15 in position or secure in position any other desirable tool which it is intended may be substituted for the hammer-head 14, shown in position in engagement with the head 6.

It is understood that in a prospector's outfit strength, durability, and lightness are required as much as possible in the tools used by prospectors, and for that reason this device has been found to answer the requirements of such a tool, as by means of the recess 9, ledge 11, and interlocking members 17 17^a a variety of tools may be substituted for a hammer-head and be firmly locked in position in engagement with the head 6 for use by the operator.

Importance is attached to the fact that the securing device 13 be disposed parallel with the perforation 8 and that it extend through the ledge 11 and into the end of the enlargement of the neck portion, as by this means I obtain a better fastening means and the tool 14 or 15 is held securely in position, the screw 13 serving to prevent movement of the neck and its enlargement in the perforation 9, and all tendency of the tool to work in a plane in line with the handle is obviated. By the screw 13 the enlargement is drawn firmly down to the ledge and there securely held.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

A mining implement comprising a head having a pick on one side, said head formed with a perforation between its sides for a handle, and a recess parallel with said perforation and

terminating in a ledge provided with a perforation, an insertible member having a portion engaged in said recess and seated upon said ledge, and a fastening member entered
5 from the under side of said ledge and threaded into the portion of the said insertible member seated on said ledge, said fastening member being disposed substantially parallel with the

handle of the implement, as and for the purpose specified. 10

In witness whereof I have hereunto set my hand in the presence of two witnesses.

JAMES McMAHON.

Witnesses:

F. PYMAN,

JAMES BELL.