

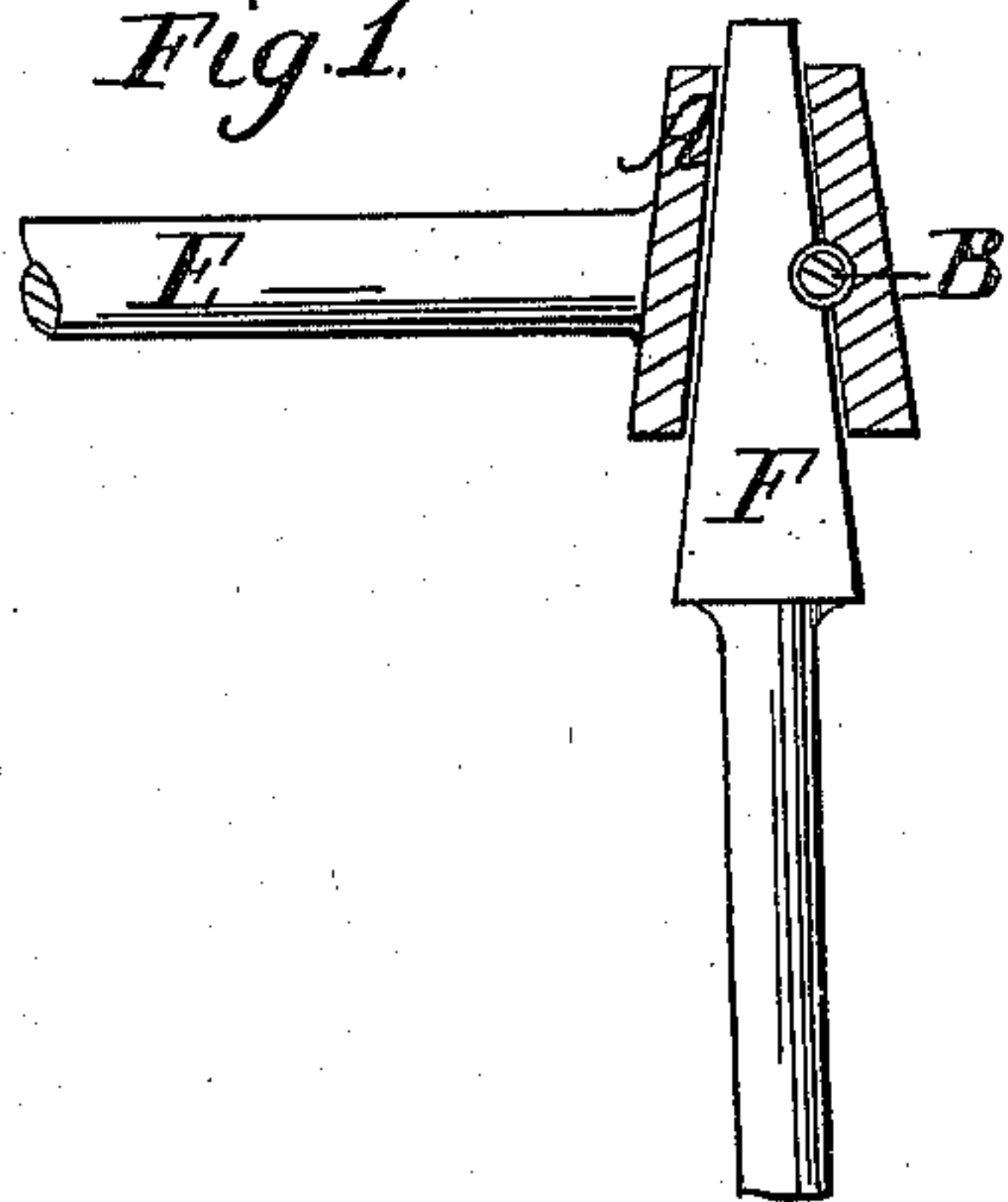
*J. Winkelhouse.*

*Bit Stock.*

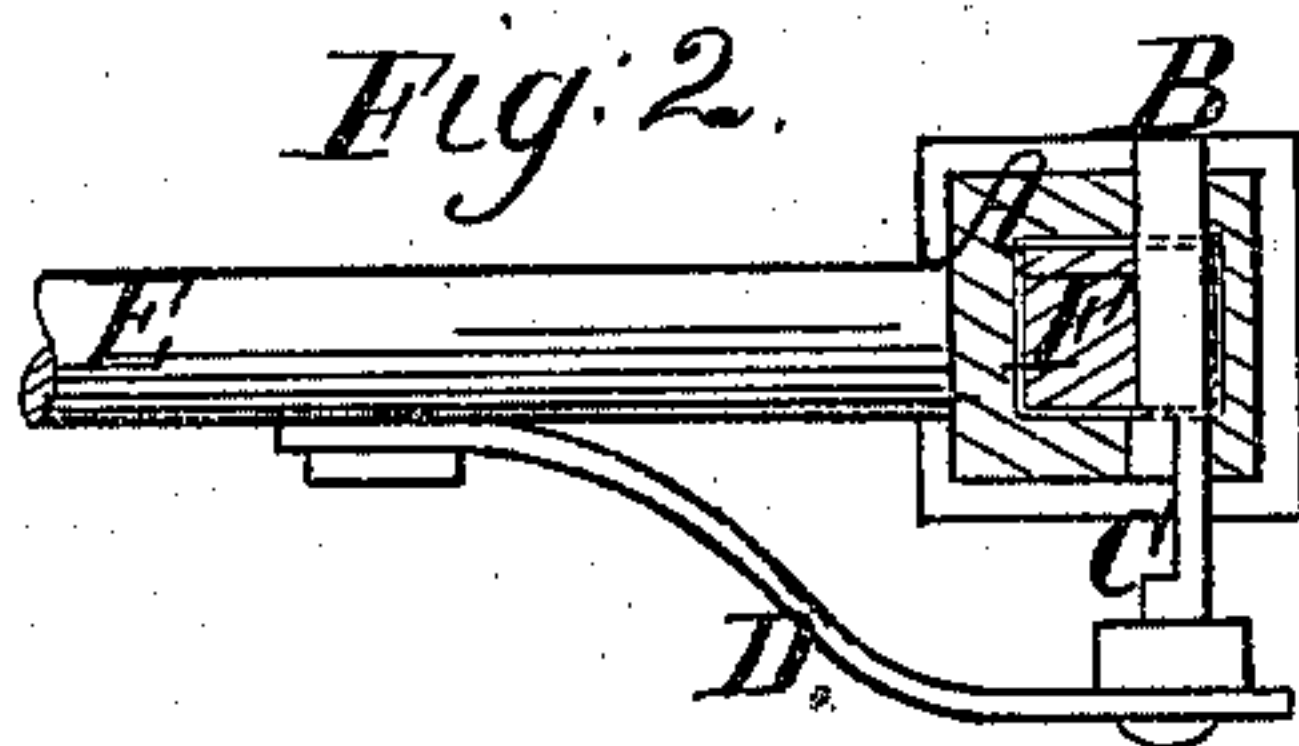
*N<sup>o</sup> 95,000.*

*Patented, Sept. 21, 1869.*

*Fig. 1.*



*Fig. 2.*



*Witnesses.*

*Eustace Dutens*

*Stinchman*

*Inventor.*

*J. Winkelhouse.*

*Munn & Co.*

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# United States Patent Office.

JACOB WINKELHOUSE, OF NEW YORK, N. Y.

*Letters Patent No. 95,060, dated September 21, 1869.*

## IMPROVEMENT IN BIT-HOLDER.

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, JACOB WINKELHOUSE, of New York city, in the county and State of New York, have invented a new and improved Bit-Holder; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

The present invention relates to a new and useful device for securing bits in their places, by means of a slotted bolt and spring, the construction and operation of which will be understood from the following description.

Figure 1 represents a section of the holder, with a bit in its socket.

Figure 2 is a section of the same, through the line *x x*.

Similar letters of reference indicate corresponding parts.

In this case, the socket A has a hole drilled through it, in such a position as to have half the said hole in the metal and half in the socket-hole, the bit being

drilled to correspond, so as to admit the bolt B to pass through.

The said bolt is notched at C, and is secured to a suitable spring, D, which is secured to the brace E.

In order to release, or put the bit F in the socket, the spring is pushed down, so as to bring the notch of the bolt flush with the sides of the socket. Then, when the bit is in the socket, it will be held there by the spring, drawing back the bolt to the position shown in the accompanying drawing.

Having thus described my invention,

What I claim as new, as far as it is now perfected, is—

The socket A and bit-shank F, each provided with a corresponding recess, as shown and described, with a notched bolt, B, and spring D, all arranged and operating as a bit-holding device, in the manner set forth.

The above specification of my invention signed by me, this 6th day of March, 1869.

Witnesses: JACOB WINKELHOUSE.

FRANK BLOCKLEY,  
ALEX. F. ROBERTS.