

W. H. Sible.

Tool Holder.

N<sup>o</sup> 87,715.

Patented Mar. 9, 1869.

Fig. 2.

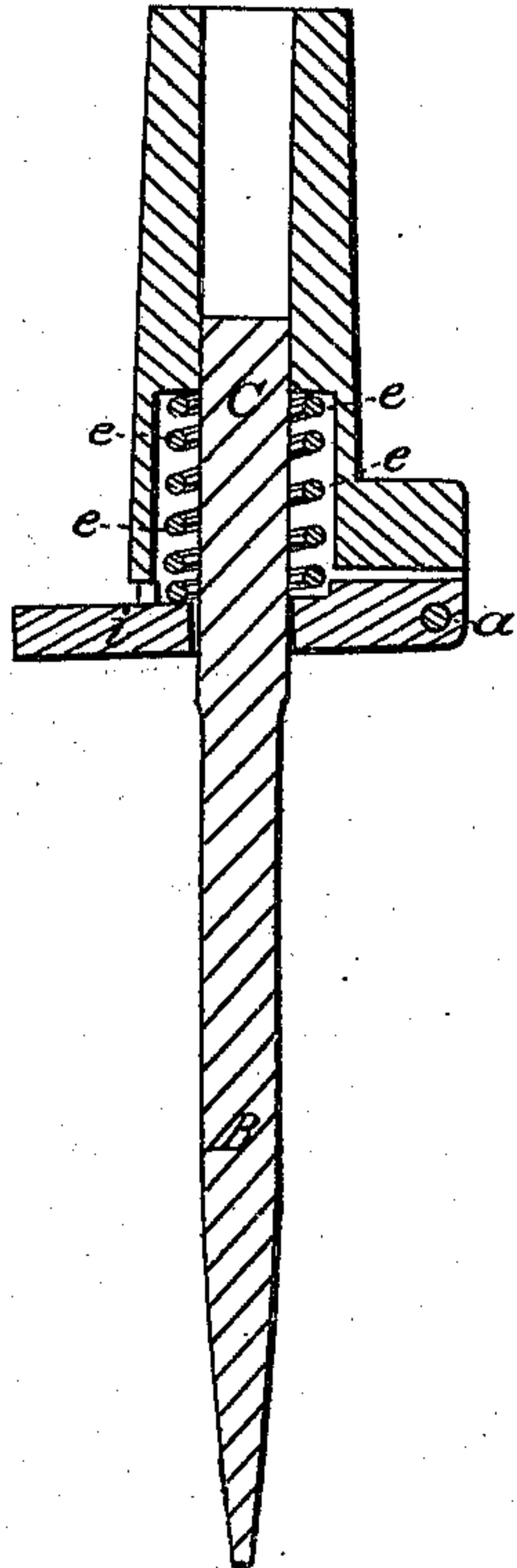


Fig. 1.

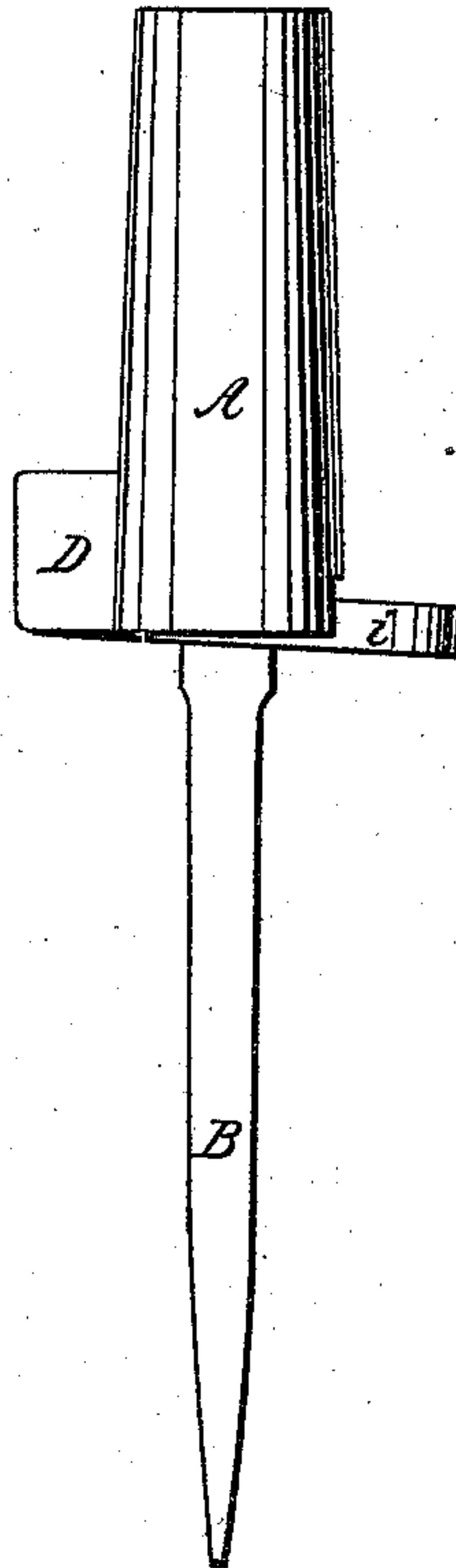
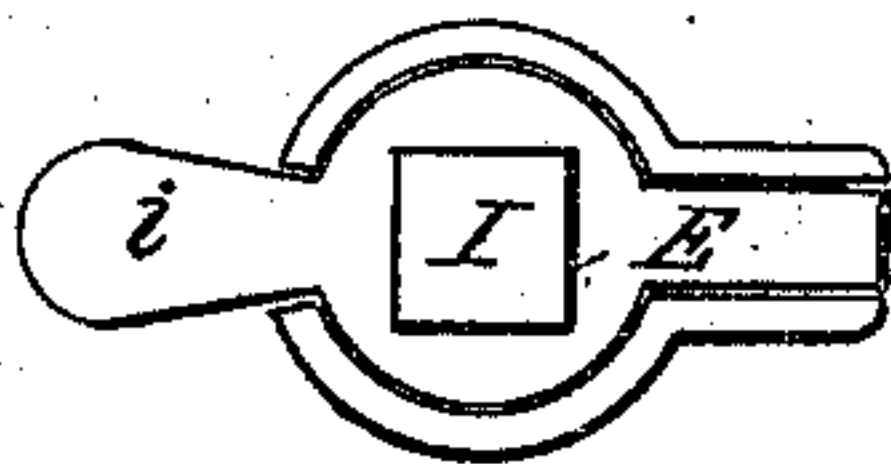


Fig. 3.



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WILLIAM H. SIBLE, OF HARRISBURG, PENNSYLVANIA.

*Letters Patent No. 87,715, dated March 9, 1869.*

**IMPROVEMENT IN BIT-STOCK.**

*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, WILLIAM H. SIBLE, of Harrisburg, in the county of Dauphin, and State of Pennsylvania, have invented a new and valuable Improvement in Devices for Holding Bits and other tools, or like purposes; 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 annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a perspective view of my device.

Figure 2 is a longitudinal section of the same.

Figure 3 is an end view of the stock, or handle, showing the position and form of the gripe E.

My invention relates to handles for holding bits and other tools; and

It consists in the combination of a coiled spring, adjusted in the handle itself, with a hinged clamp, so arranged that the clamp shall be pressed against the tool in its socket, and hold the same securely.

Letter A represents the stock, or handle of the tool-holder.

Letter B is the shaft of the tool.

C, the shank of the same.

Letter D represents an ear or lug projecting from and forming part of the stock A, connected by pin *a* with gripe E.

Letters *e* represent a metallic coil-spring, adjusted within stock A, as shown in fig. 2 of the drawings.

Letter I represents a slot in gripe E, for the reception of the shank C.

Letter *i* represents a finger, a projection of gripe E. My device is operated as follows:

When the operator desires to insert the shank C of any tool into the tool-holder, he grasps the stock A with his left hand, and with the thumb of the same hand presses upon finger *i* until the gripe E is forced to a horizontal position within the upper rim of the stock, which operation causes the under surface of the gripe to press upon the metal coil-spring *e*, forcing it downward. He then, with his right hand, inserts the shank of the tool he desires to use into slot I, and then removes his thumb from finger *i*, which operation relieves the spring *e*, and allows it to press upward against the gripe, thereby clamping the shank of the tool with sufficient power to hold it securely.

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

The hinged gripe E, in combination with the spring *e* and socket A, constructed, arranged, and operating substantially as and for the purposes herein specified.

In testimony that I claim the above, I have hereunto subscribed my name, in the presence of two witnesses.

WILLIAM H. SIBLE.

Witnesses:

ROBT. SNODGRASS,  
J. F. CLARK.