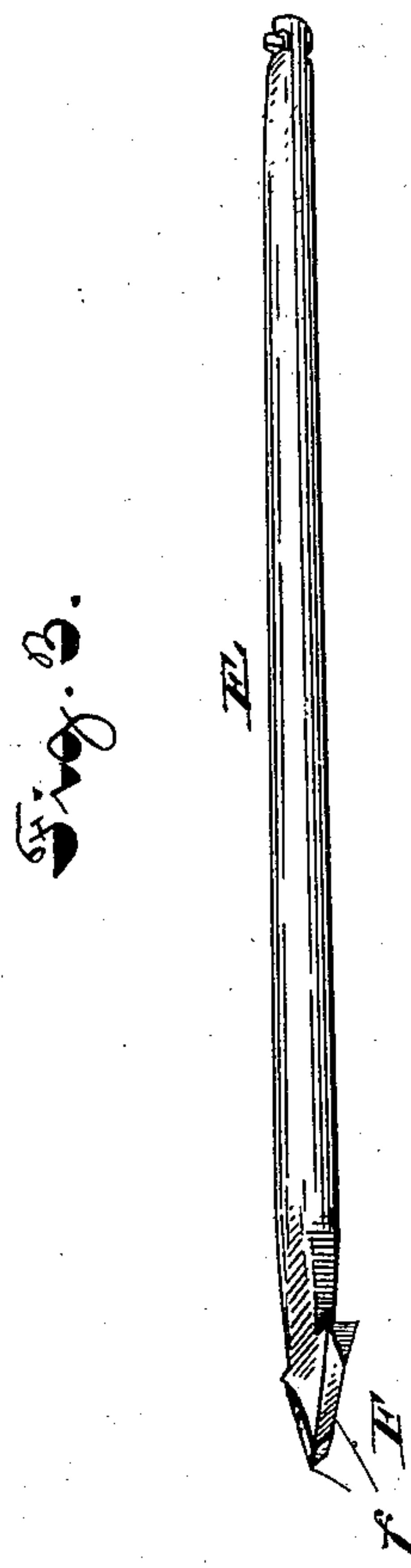
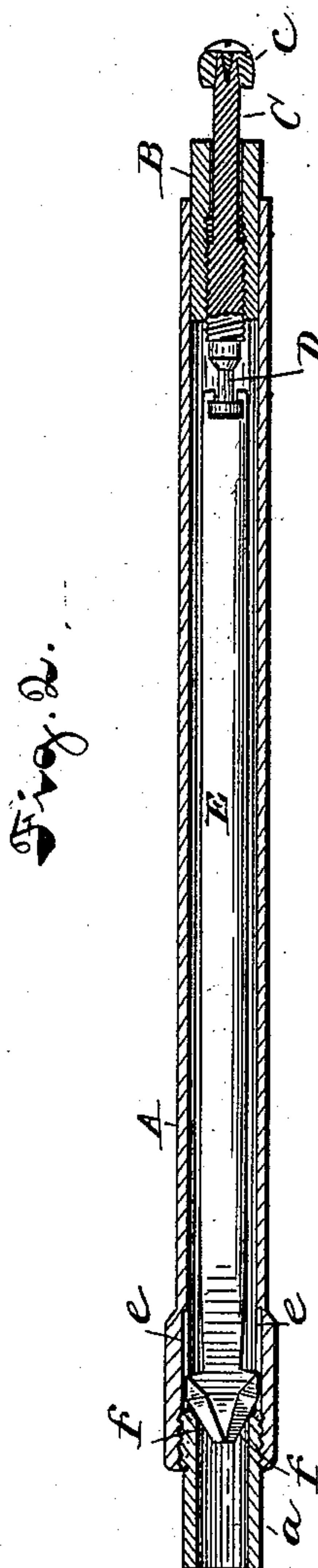
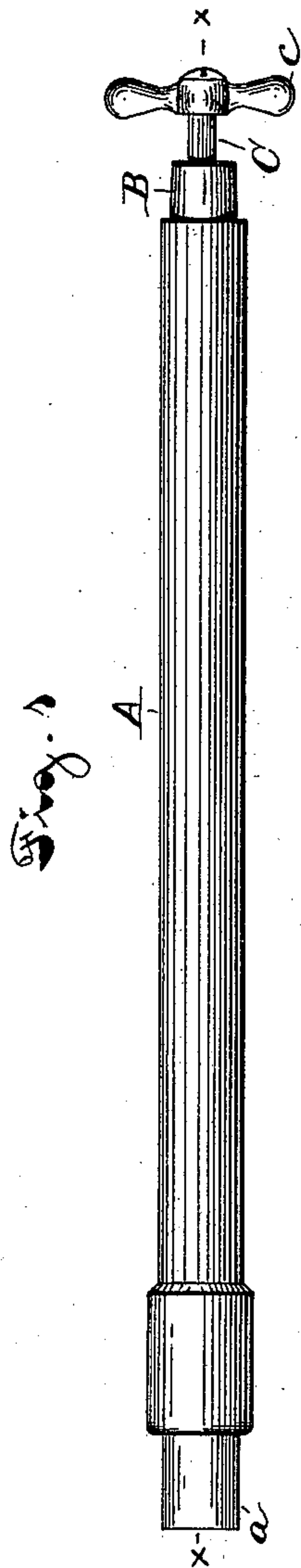


(No Model.)

H. D. HARMER.  
NIPPLE HOLDER.

No. 407,292.

Patented July 16, 1889.



Witnesses

H. D. Nealy.  
W. Fowler.

Inventor

Harvey D. Harmer,  
By his Attorney  
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# UNITED STATES PATENT OFFICE.

HARVEY D. HARMER, OF COUNCIL BLUFFS, IOWA, ASSIGNOR OF ONE-HALF  
TO EDWARD W. HART, OF SAME PLACE.

## NIPPLE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 407,292, dated July 16, 1889.

Application filed April 29, 1889. Serial No. 309,053. (No model.)

*To all whom it may concern:*

Be it known that I, HARVEY D. HARMER, a citizen of the United States, residing at Council Bluffs, in the county of Pottawattamie and State of Iowa, have invented certain new and useful Improvements in Nipple-Holders, of which the following is a full and clear description, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side view of a nipple-holder with my improvement attached. Fig. 2 is a vertical section through *xx* of Fig. 1. Fig. 3 is the spear-head detached.

The object of my invention is an improved means for holding a nipple while the left-hand thread is being cut, the right-hand thread having already been cut; and it consists in the combination of devices herein-  
after explained and claimed.

To enable others skilled in the art to make and use my invention, I will now describe the manner in which I carry the same out.

In the drawings, A represents the main tube, and *a* the nipple to be cut. The upper end of the tube is internally threaded to receive the right-hand screw on the lower end of the nipple. It is evident that any attempt to cut the left-hand screw on the upper portion of the nipple would cause the right-hand screw to turn, which would withdraw the nipple from the holder. To prevent this is the special object of my invention.

In the lower end of the tube A, I rigidly

secure a smaller tube B, internally screw-threaded, and through this I pass the rod C, threaded to fit the female screw in the tube B. On this rod I secure a handle *c* for turning the rod, on the end of which I secure the swivel D, and attach this to the lower end of another rod E, which carries on its upper end a spear-pointed head F, which moves up and down in slots *e*. This spear-head has sharp beveled edges *f*, and when by turning the handle *c* the rod E is forced upward the spear-head F is driven into the lower end of the nipple, whereby the nipple having been screwed down into the tube is caught and firmly held by the sharp edges of the spear-head during the operation of cutting the left-hand screw on the upper or exposed portion of the nipple.

After the thread has been cut it is only necessary to reverse the movement of the handle *c*, draw down the spear-head, and remove the nipple from the tube A.

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

In a nipple-holder, the tubes A and B and the threaded rod C, in combination with the swivel D and spear-headed rod E, all constructed and arranged substantially as and for the purpose described.

HARVEY D. HARMER.

Witnesses:

GORDON N. COATES,  
BARTRAM ZEVELY.