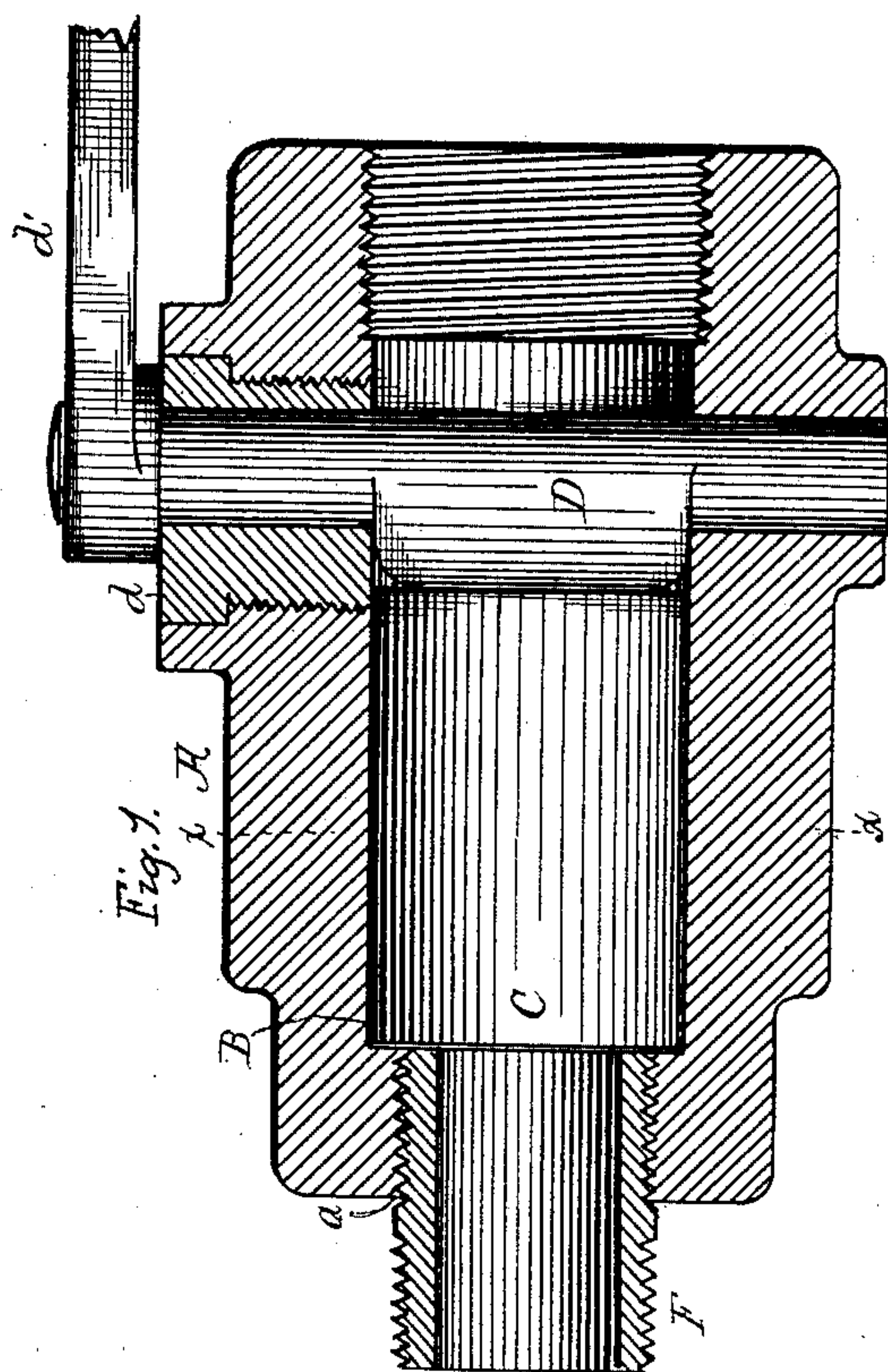
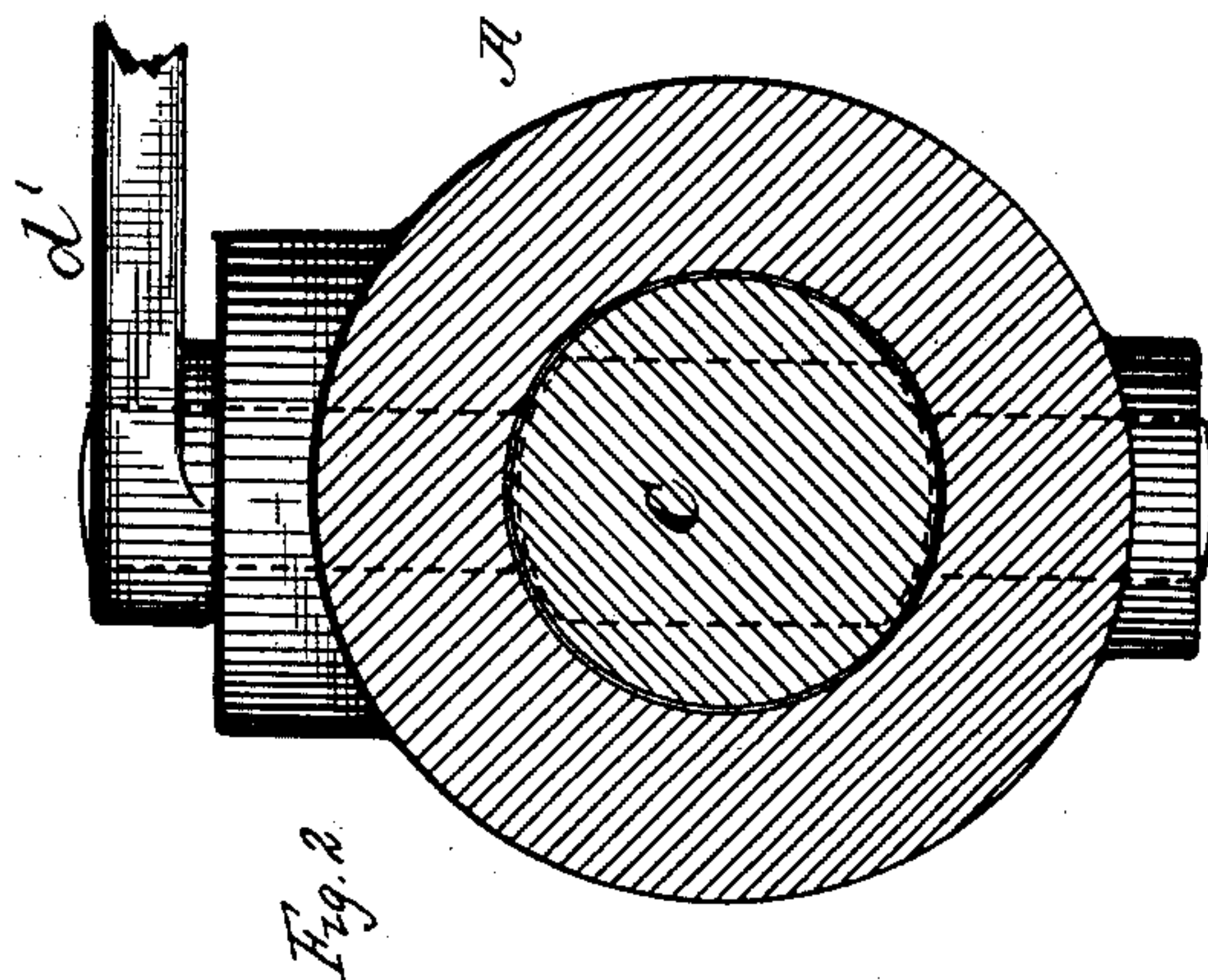
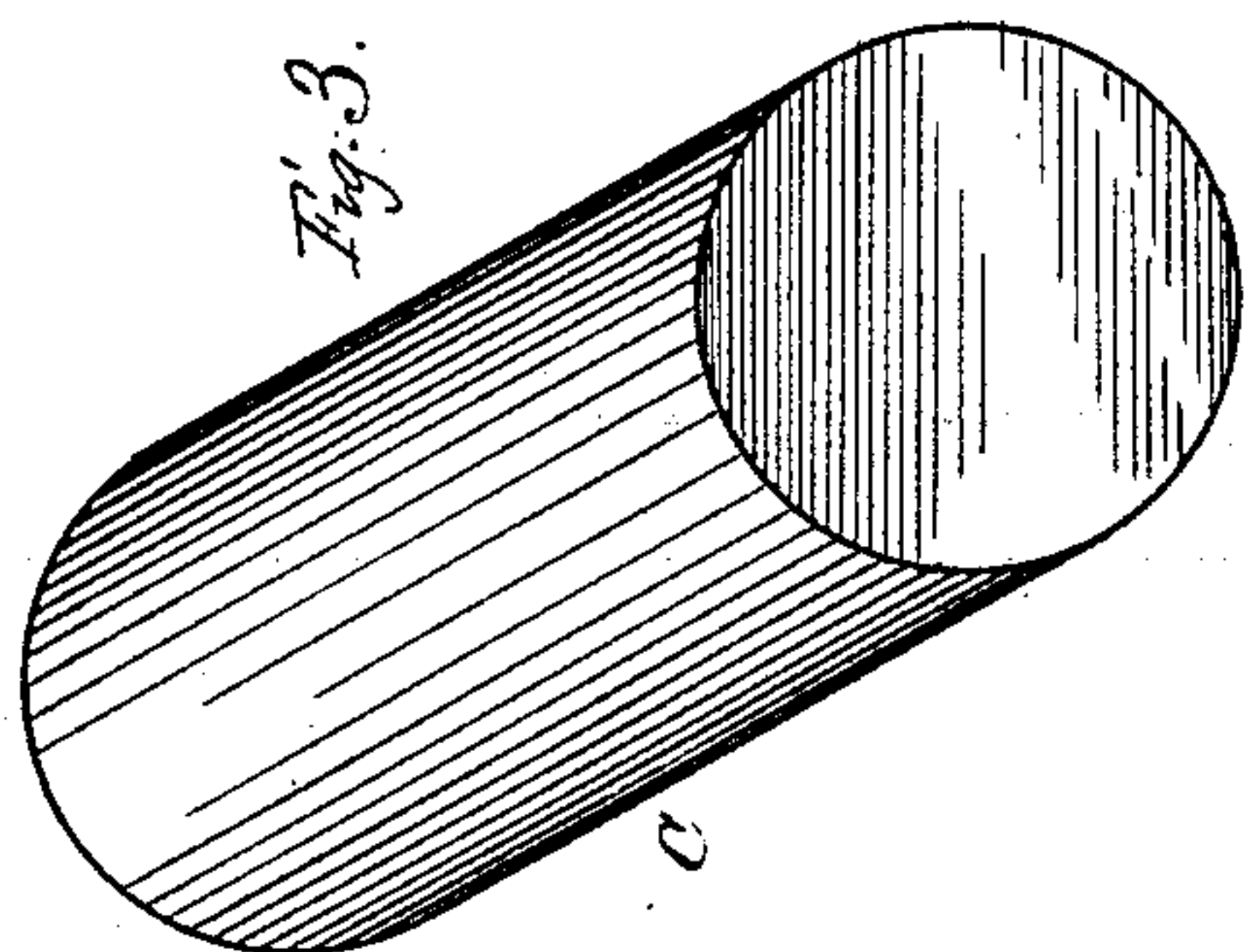


(No Model.)

R. C. NUGENT.
PIPE NIPPLE HOLDER.

No. 341,428.

Patented May 4, 1886.



Witnesses.
A. Ruppert,
Chas. R. Wright

Inventor.
R. C. Nugent.
Per
Lenox Simpson & Co

UNITED STATES PATENT OFFICE.

RICHARD C. NUGENT, OF PITTSBURG, PENNSYLVANIA.

PIPE-NIPPLE HOLDER.

SPECIFICATION forming part of Letters Patent No. 341,428, dated May 4, 1886.

Application filed November 7, 1885. Serial No. 182,161. (No model.)

To all whom it may concern:

Be it known that I, RICHARD C. NUGENT, a citizen of the United States, and a resident of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Pipe-Nipple Holders, of which the following is a full, clear, and exact description.

In the manufacture of nipples, after one extremity has been threaded it is the usual practice to screw said extremity into an internally-threaded socket, and then cut the thread upon the free end. It has been found, however, that in the formation of this second thread the nipple was driven into the socket with such force as to seriously injure it and render its withdrawal very difficult.

The object of this improvement is to provide means for preventing the entrance of the nipple within the socket beyond a predetermined point, and, when about to be withdrawn, to release the strain upon the thread.

In the drawings, Figure 1 represents a longitudinal vertical section of the holder with an eccentric retainer; Fig. 2, a vertical transverse section of same, taken through lines *x x* of Fig. 1; Fig. 3, a detail view of the plunger.

Similar letters of reference indicate corresponding parts throughout the different views.

A is the holder, provided at one extremity with the internally-threaded socket *a*. In rear of said socket is a cylindrical chamber, B, of somewhat larger diameter than the socket *a*. Within said chamber works the plunger C, which is preferably a simple solid cylinder of iron or steel. The extreme rear of holder is provided with an internal thread, by means

of which the holder may be fixed in place when in use. In the rear of the plunger is the device for holding it in position while the nipple is being threaded and for releasing it when the nipple is about to be removed. For this purpose I show two separate devices.

In Fig. 1, D is an eccentric or cam whose spindle upon one extremity has bearing in the bottom of the holder and upon the other extremity has bearing in the screw-plug *d*, through which said spindle passes and is secured to the lever *d'*. The object of the plug is to allow for the entrance and removal of the eccentric.

The operation of the holder is as follows: The plunger is forced forward the desired distance and there held by the eccentric, and the threaded end of the nipple screwed into the socket *a* so as to rest against plunger C. The free extremity of the nipple is then threaded and the eccentric forced out of contact with the plunger in an obvious manner. This relieves the thread of the nipple from all strain in the rear, and loosens it sufficiently to allow the nipple to be withdrawn with facility.

Having thus described my invention, what I claim is—

The described nipple-holder B, having a female screw at each end, a loose longitudinal plunger, C, in the cavity thereof, and a transversely-journalled hand-crank shaft provided with the cam D, as shown and described.

RICHARD C. NUGENT.

Witnesses:

W. D. THOMAS,

C. L. BURGERMEISTER.