

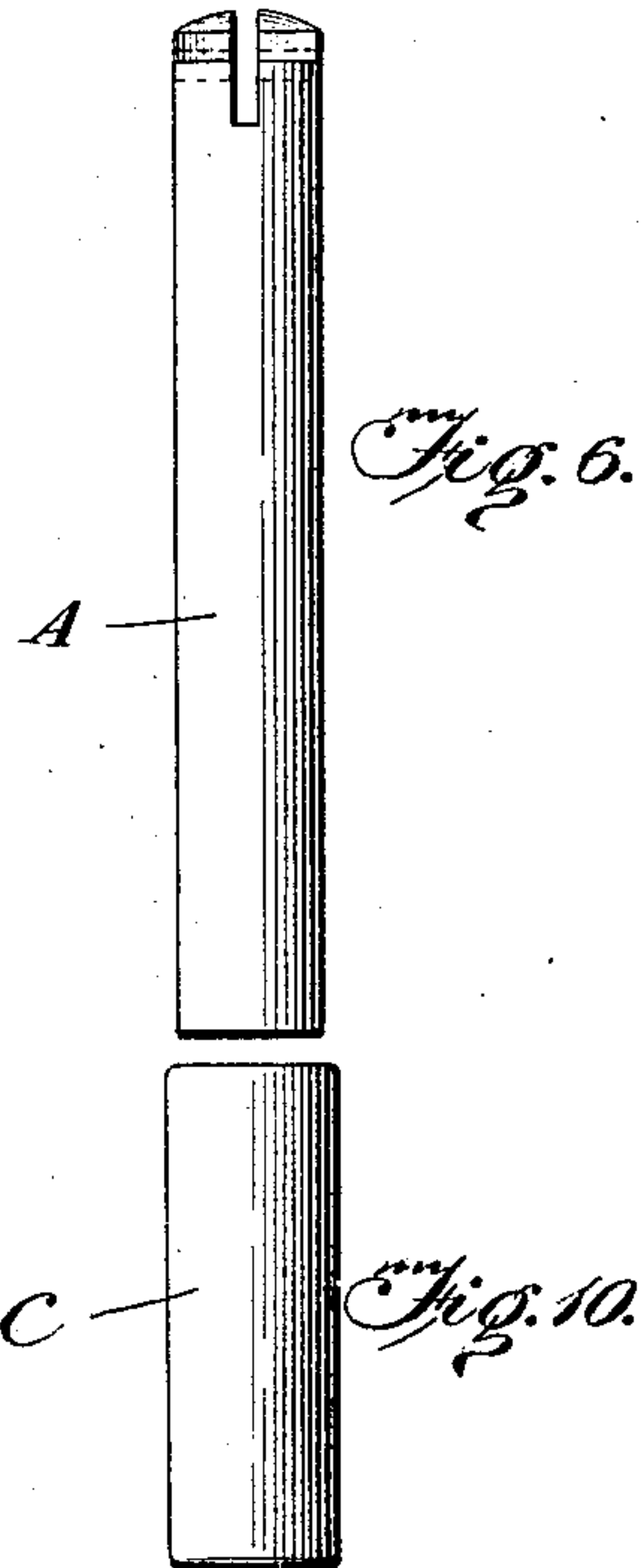
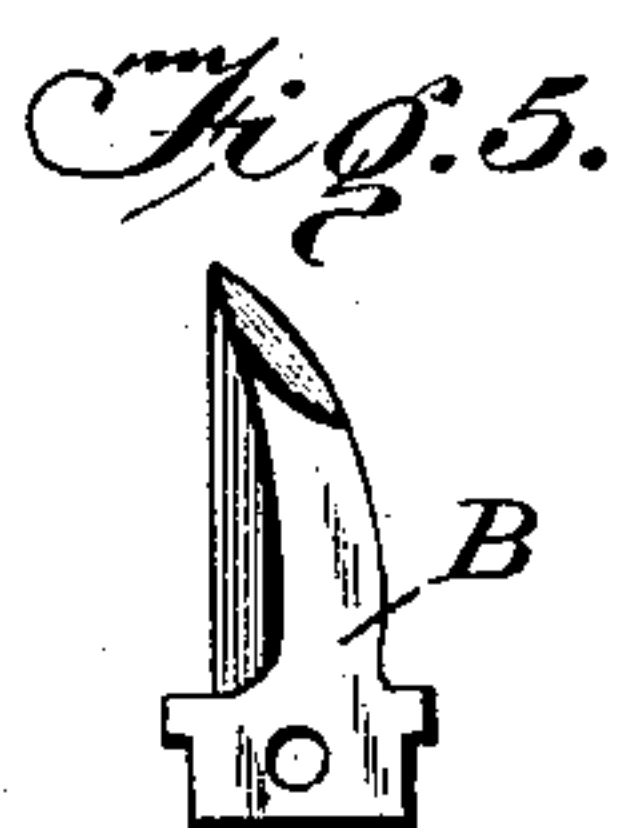
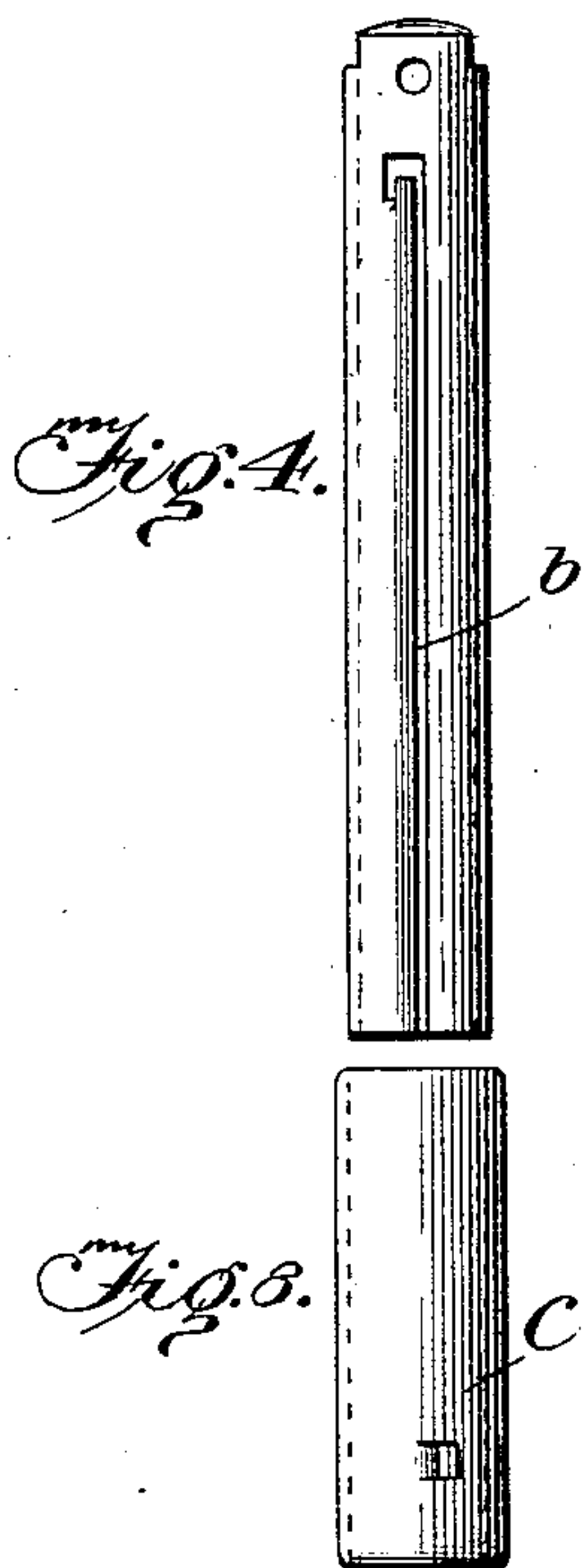
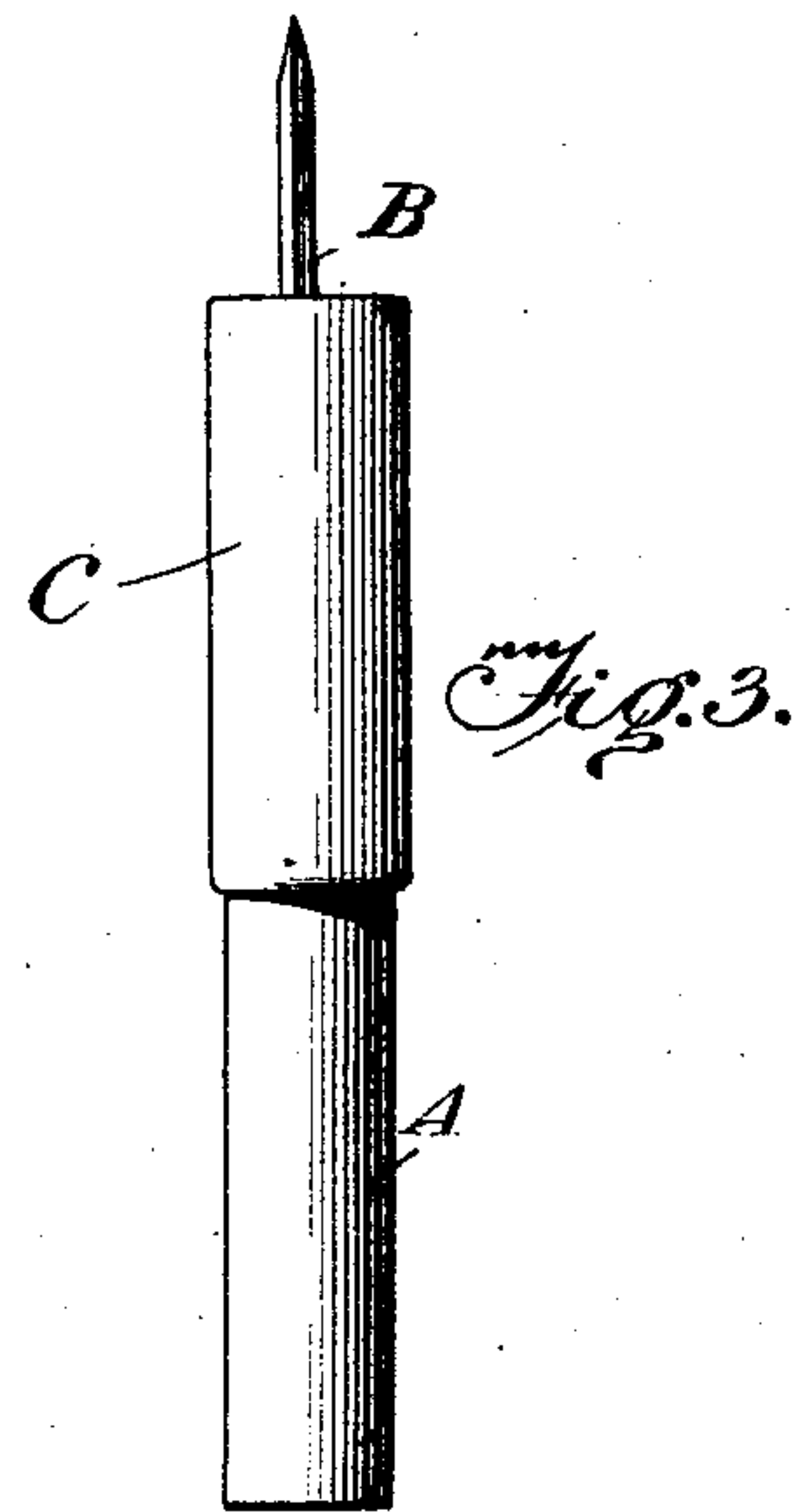
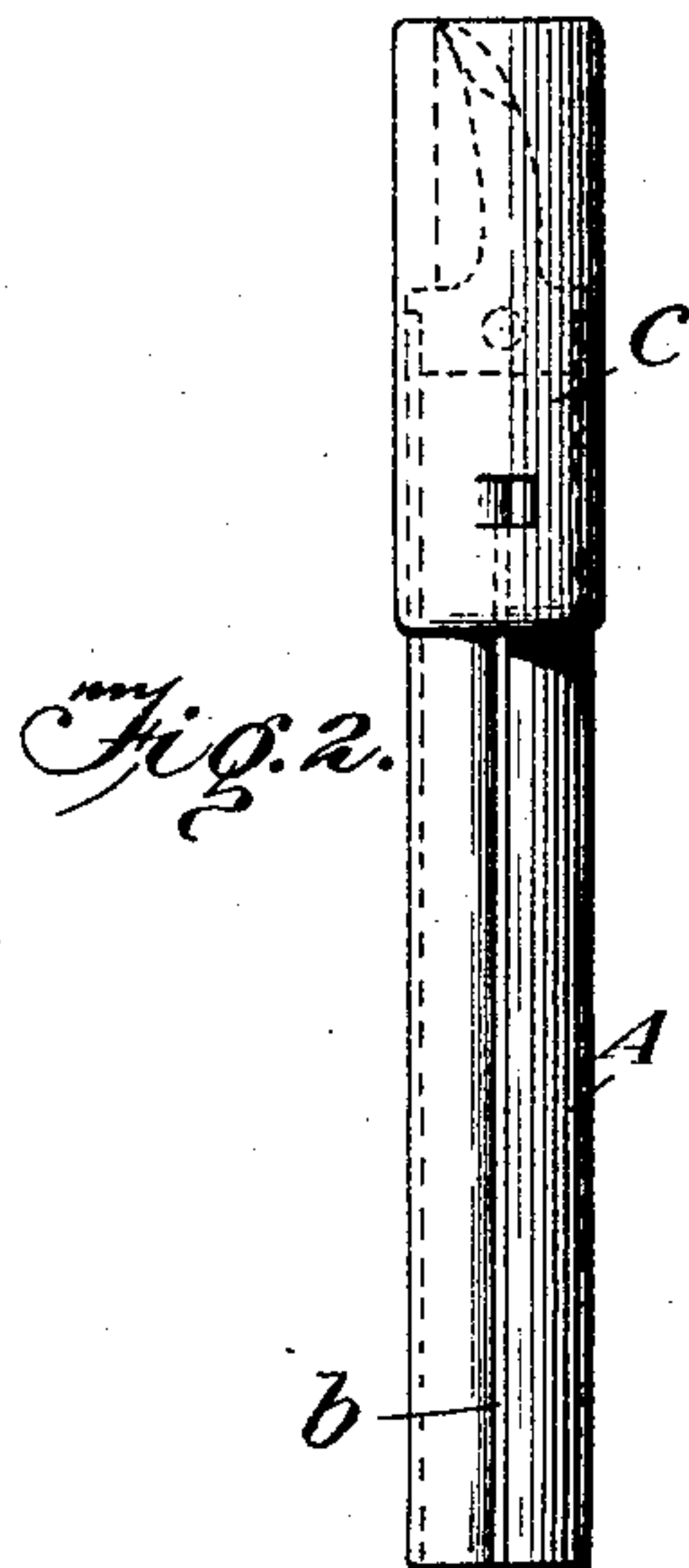
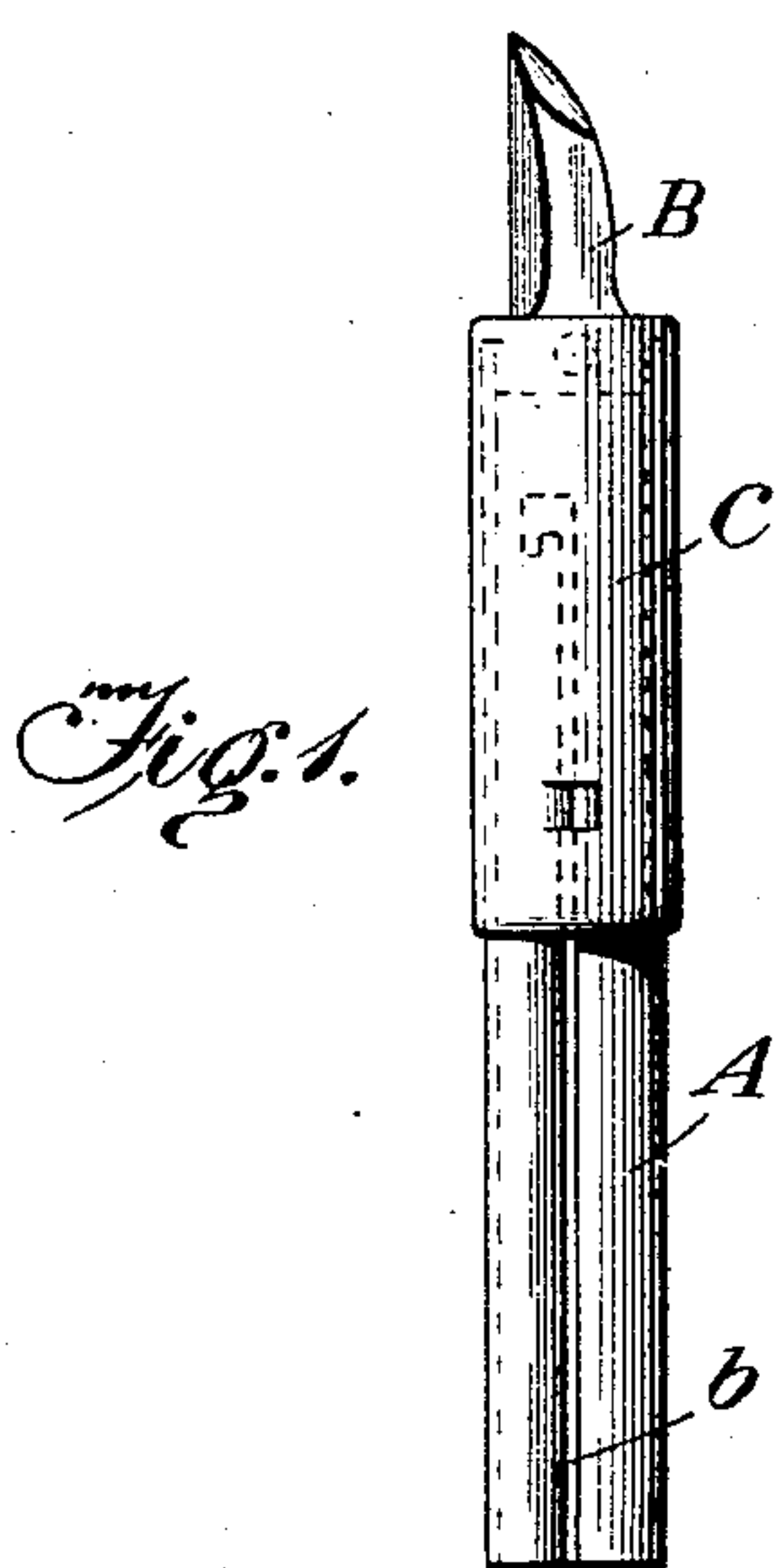
No. 868,393.

PATENTED OCT. 15, 1907.

A. AMES.

PENCIL HOLDER, SHARPENER, AND INK ERASER.

APPLICATION FILED JAN. 14, 1907.



Witnesses:

George Stevens

George F. D. Mack

Inventor:

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UNITED STATES PATENT OFFICE.

ADELBERT AMES, OF LOWELL, MASSACHUSETTS.

PENCIL HOLDER, SHARPENER, AND INK-ERASER.

No. 868,393.

Specification of Letters Patent.

Patented Oct. 15, 1907.

Application filed January 14, 1907. Serial No. 352,287.

To all whom it may concern:

Be it known that I, ADELBERT AMES, of Lowell, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Pencil Holders, Sharpeners, and Ink-Erasers, of which the following is a specification.

My invention relates to improvements in the construction and combination of a pencil holder and a pencil-sharpening-knife and ink eraser as hereinafter fully described, reference being made to the accompanying drawings.

Figure 1 is a side view of the device with the knife exposed. Fig. 2 is a like view with the knife concealed. Fig. 3 is a view at 90 degrees to Fig. 1. Fig. 4 is a detailed view of the case. Fig. 5 is a detailed view of the blade. Fig. 6 is a view at 90 degrees to Fig. 4. Fig. 7 is a cross-sectional view of the shank of the knife. Fig. 8 is a detailed view of the sheath. Fig. 9 is a cross-sectional view near the forward end of the sheath. Fig. 10 is a view at 90 degrees to Fig. 8.

My improved pencil attachment comprises a tubular case or ferrule A, having at its top a transverse slot *a*,

said case being adapted to be placed over the end of a lead pencil. A longitudinal slot *b* is formed in the case, extending to one end thereof and nearly to the other end and at the last mentioned end the slot is slightly extended laterally and again extended in a longitudinal direction opposite to that of the main slot, thus forming a notch or opening *d*.

Secured to the case in the slot *a* is a knife B for use either as a pencil sharpener or ink eraser and slidably attached to the said case is a jacket or sheath C adapted to slide over and protect the knife or to be withdrawn and expose the same if desired, said sheath having a spur *c* working in the slot *b* and its notch *d*.

I claim as my invention:

The improved pencil attachment comprising a tubular case adapted for holding a pencil at one end, a knife diametrically attached to said case at the other end and a sheath slidably attached to said case.

In testimony whereof I have affixed my signature, in presence of two witnesses.

ADELBERT AMES.

Witnesses:

MELVIN G. ROGERS,
JOHN F. HASKELL.