

(No Model.)

L. PETTERSON.

CAN.

No. 350,269.

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Fig. 1.

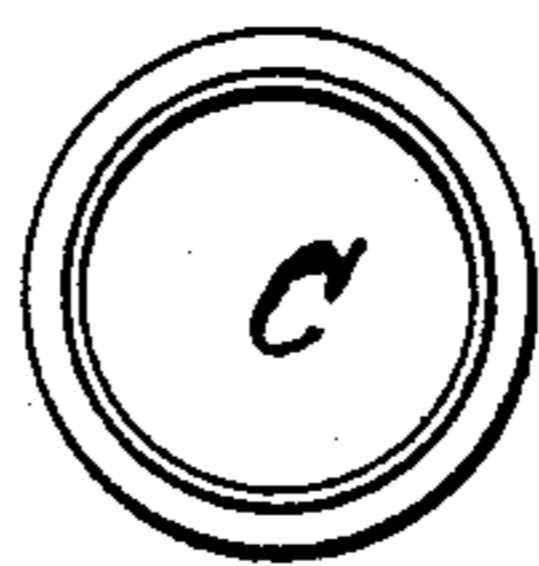
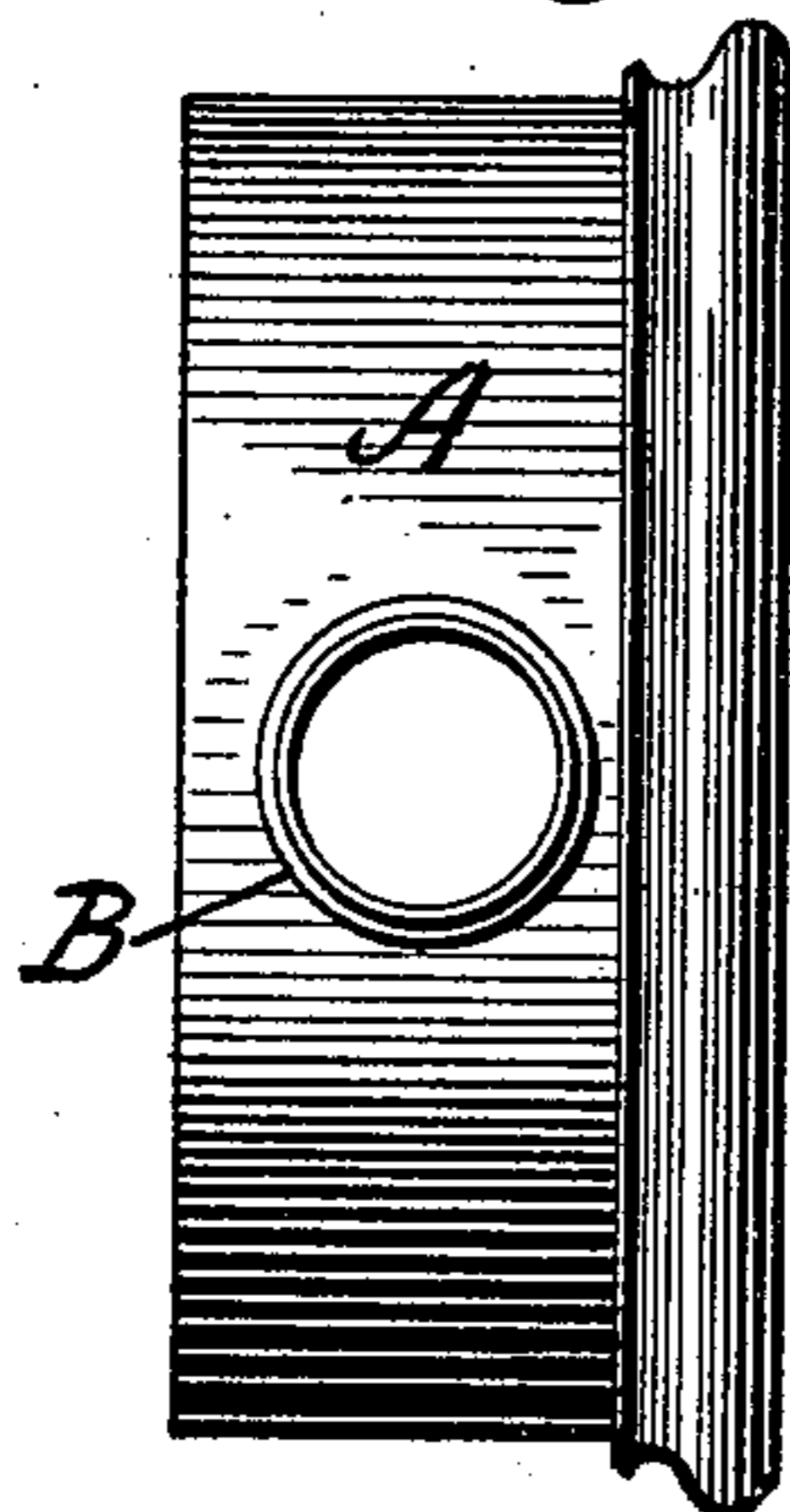


Fig. 2.

Fig. 3.

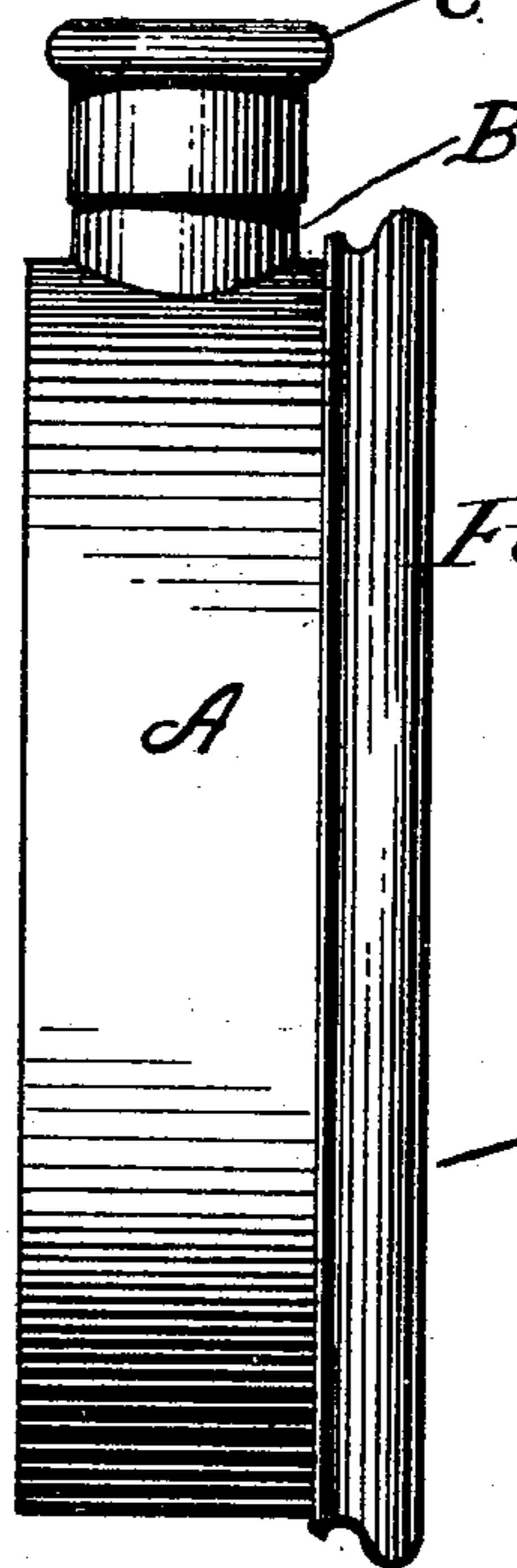


Fig. 4.

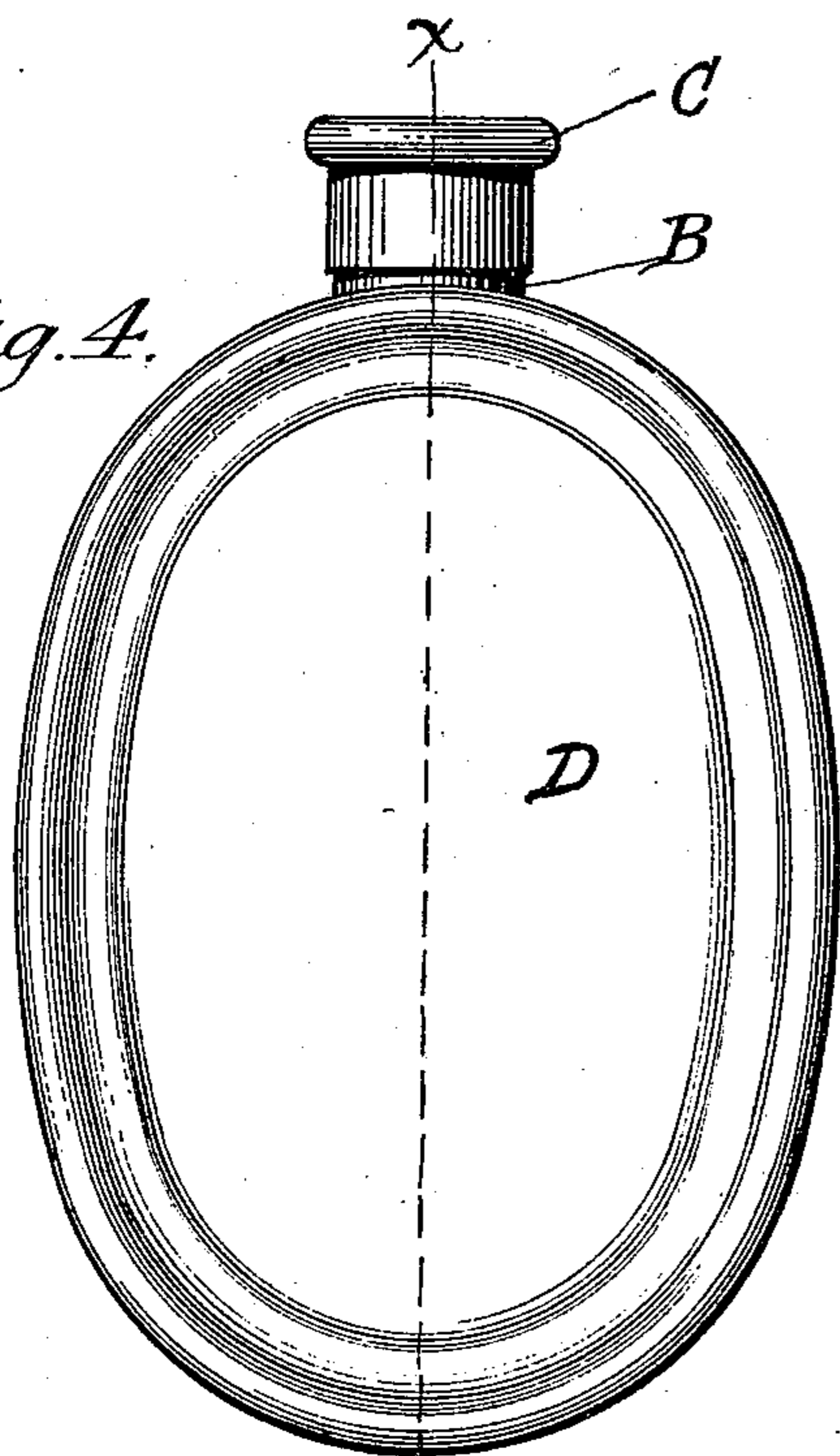
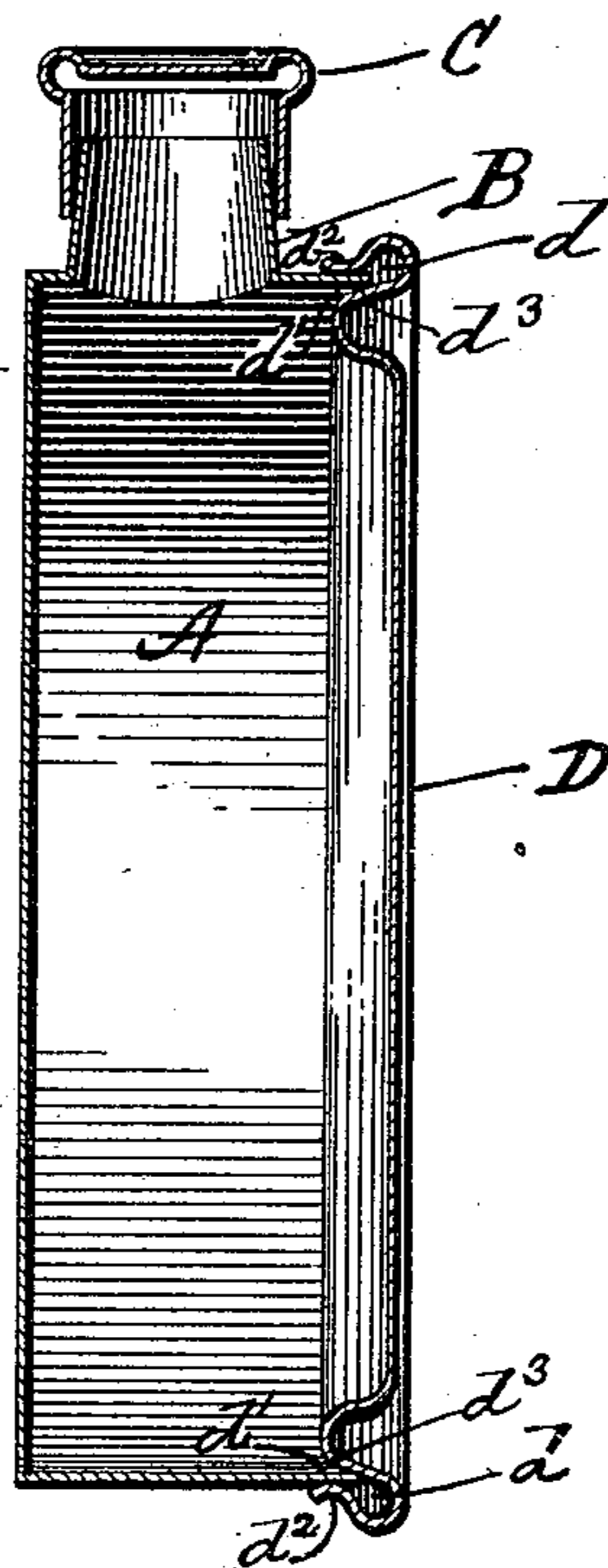


Fig. 5.



Witnesses:
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UNITED STATES PATENT OFFICE.

LUDWIG PETTERSON, OF CHICAGO, ILLINOIS, ASSIGNOR TO THE CHICAGO NOVELTY TIN CAN MANUFACTURING COMPANY, OF SAME PLACE.

CAN.

SPECIFICATION forming part of Letters Patent No. 350,269, dated October 5, 1886.

Application filed January 18, 1886. Serial No. 188,888. (No model.)

To all whom it may concern:

Be it known that I, LUDWIG PETTERSON, a subject of the King of Norway, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Cans, of which the following is a specification, reference being made to the accompanying drawings, in which—

Figure 1 is a top view of a can embodying my improvement, the spout-cover being removed. Fig. 2 is a plan view of the spout-cover inverted. Fig. 3 is an end view of the can shown in Fig. 1. Fig. 4 is a side view of the same; and Fig. 5 is a vertical section on the line *x x* of Fig. 4.

My invention relates to the mode of fitting to each other a can and its cover.

My invention consists of a can provided with a cover having a groove, the side walls of which incline in a direction across the path of the rim of the can and bear on opposite sides thereof, the object being to make the double bearing of the cover upon the rim equally good in a new or perfect can and in one the rim of which is, from long usage or inaccurate workmanship, of a slightly larger or smaller diameter than that which the cover was primarily intended to fit.

In the drawings, which illustrate one embodiment of my invention, A represents the body of a sheet-iron can designed more especially for use as a canteen for holding tea, coffee, &c., in a liquid state, and from which to drink the same. B is its discharge-spout; C, its spout-cover, and D the cover of an extra aperture designed more especially to give more convenient access to the inside of the can for the hand and a wash-rag to cleanse said inside, than is given by an orifice of a sufficiently small size to be most efficient as a discharge-spout. The cover D has a peripheral groove, *d*, in it, the edges or side walls of which, looking toward the mouth or top of the groove in the cross section, as shown in Fig. 5, incline slightly away in opposite directions from the

peripheral rim *d'* of the aperture closed by the cover D, and bear on opposite sides of said rim when said rim is placed within said groove, as shown at *d²* *d³* in Fig. 5. The object of this inclination is to enable the operator to easily spring the cover D upon the can, the groove *d* being made so narrow where the rim *d'* enters it as to admit of the entrance of the latter only after its own edges have been sprung apart. The advantage of this construction is, that thereby a doubly-tight joint is secured, the junction of the rim *d'* and edge *d²* supplementing that of the rim *d'* and edge *d³*, as a security against leakage. The cover D is held on the can by the friction of the side walls of the groove *d* against the rim *d'*. The peripheral walls, and especially the inner one, of the groove *d*, are preferably made so as to incline in their general direction across the path of the rim *d'*, as shown in Fig. 5, where the inner wall is so inclined through its whole depth and the outer wall is so inclined between the part *d²* and the bottom of the groove. By this construction the double bearing of the cover upon the rim is equally good in a new or perfect can and in one the rim *d'* of which is, from long usage or inaccurate workmanship, of a slightly larger or smaller diameter than that which the cover D was primarily intended to fit. The spout-cover of the can may be constructed like the cover D, if desired.

Having thus fully described one embodiment of my invention, what I claim as the invention itself, and desire to secure by Letters Patent, is—

A can provided with a cover, D, having a groove, *d*, the side walls of which incline in a direction across the path of the rim *d'*, and bear on opposite sides of said rim, substantially as and for the purpose stated.

LUDWIG PETTERSON.

Witnesses:

E. C. CRAWFORD,
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