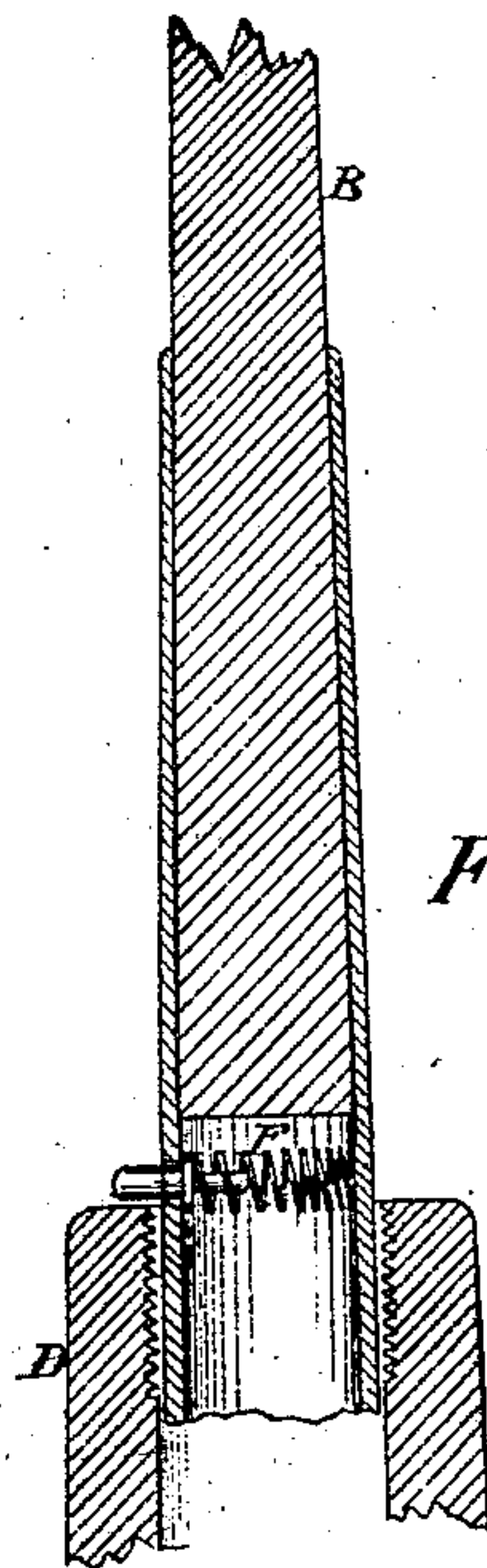
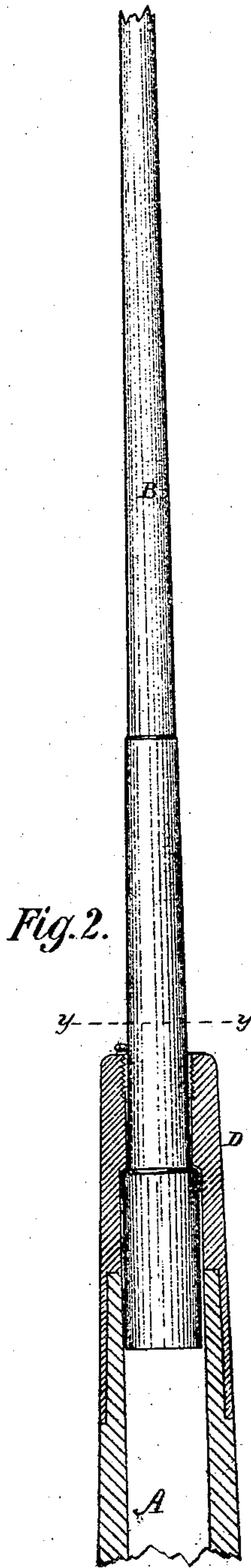
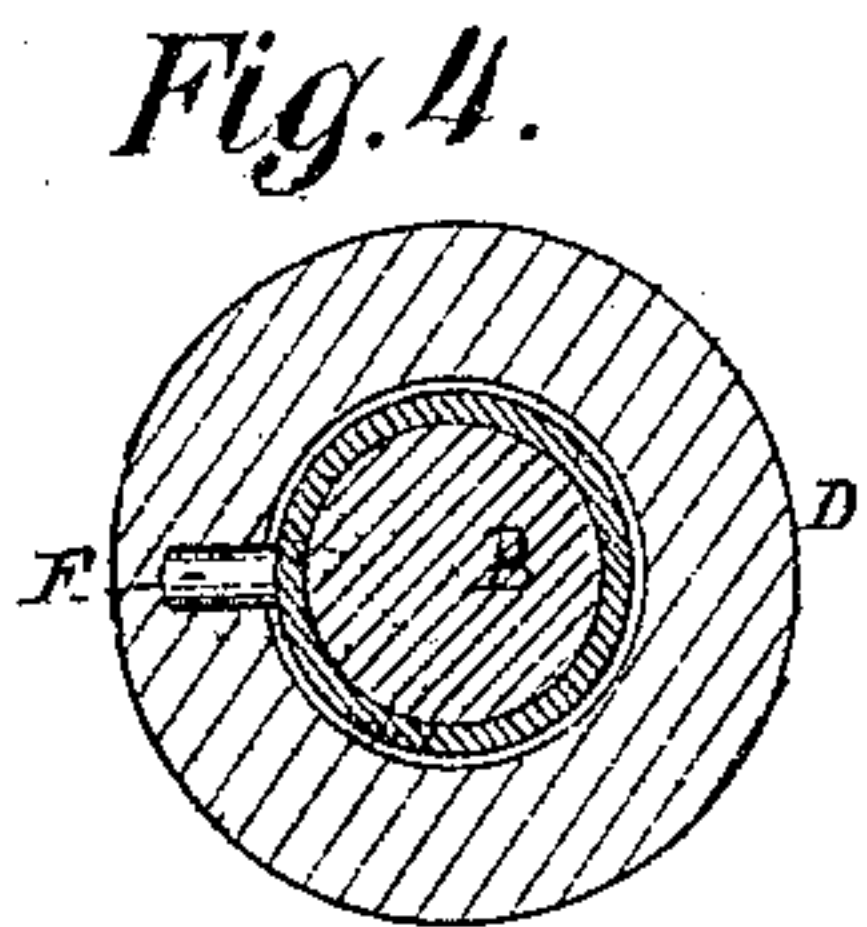
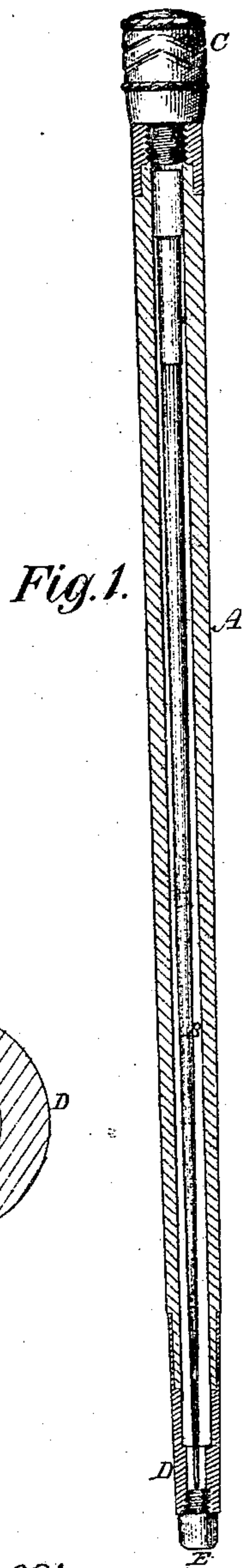


*C. L. Bushnell,
Cane.*

No. 109,297.

Patented Nov. 15, 1870.



Witnesses:
Fred. Arto's
William Kerner

Inventor:
C. L. Bushnell
per Edm. Pro's
his Atty,

United States Patent Office.

CORYDON L. BUSHNELL, OF CHERRY VALLEY, OHIO.

Letters Patent No. 109,297, dated November 15, 1870; antedated November 5, 1870.

IMPROVEMENT IN COMBINED CANES AND WHIPS.

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, CORYDON L. BUSHNELL, of Cherry Valley, in the county of Ashtabula and State of Ohio, have invented a new and useful Cane-Whip; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

Drawing.

Figure 1 is a central vertical section, showing the whip inclosed within the cane.

Figure 2 is a detached view, the iron tip having been removed and the whip drawn out.

Figure 3 is a detached central section, exposing the spring catch.

Figure 4 is a transverse section in line *y y* of fig. 2.

Like letters denote identical parts in each of the figures.

My invention consists in the combination of a cane and whip in such a manner that the whip can be inclosed within the cane and drawn out from the bottom, a spring being introduced in the head of the whip to serve as an additional security to hold it in such position, all of which will be more fully designated and set forth in the following specification and claim.

In the drawing—

A represents the barrel of the cane, constructed sufficiently hollow to allow the whip B to be inclosed therein.

C is the head of the cane, which may be screwed upon or permanently attached thereto.

D is a metal thimble on the lower end of the cane, within which the head of the whip has its bearings when drawn out.

An iron tip, E, is screwed into the said thimble, as shown in the drawing.

The whip B has a hollow metal head, within which is secured a latch-spring, F, as shown in fig. 3, the object of which is to hold the whip more securely in its place when drawn out.

I do not confine myself to any particular form or style of spring.

The operation of my cane-whip may be explained as follows:

Supposing the parts to be together, as shown in fig. 1—to adjust as a whip, unscrew the iron tip E, and draw the whip out until the head thereof rests firmly within the metal thimble D and the spring catch is relieved, as shown in figs. 1, 2, and 3.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent of the United States, is—

A cane-whip, combining in its construction the barrel A, whip B, tip-thimble D, iron tip E, and spring-catch F, all substantially as shown and described.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses.

C. L. BUSHNELL.

Witnesses:

JOSEPH R. EDSON,
JOHN BIGELOW.