

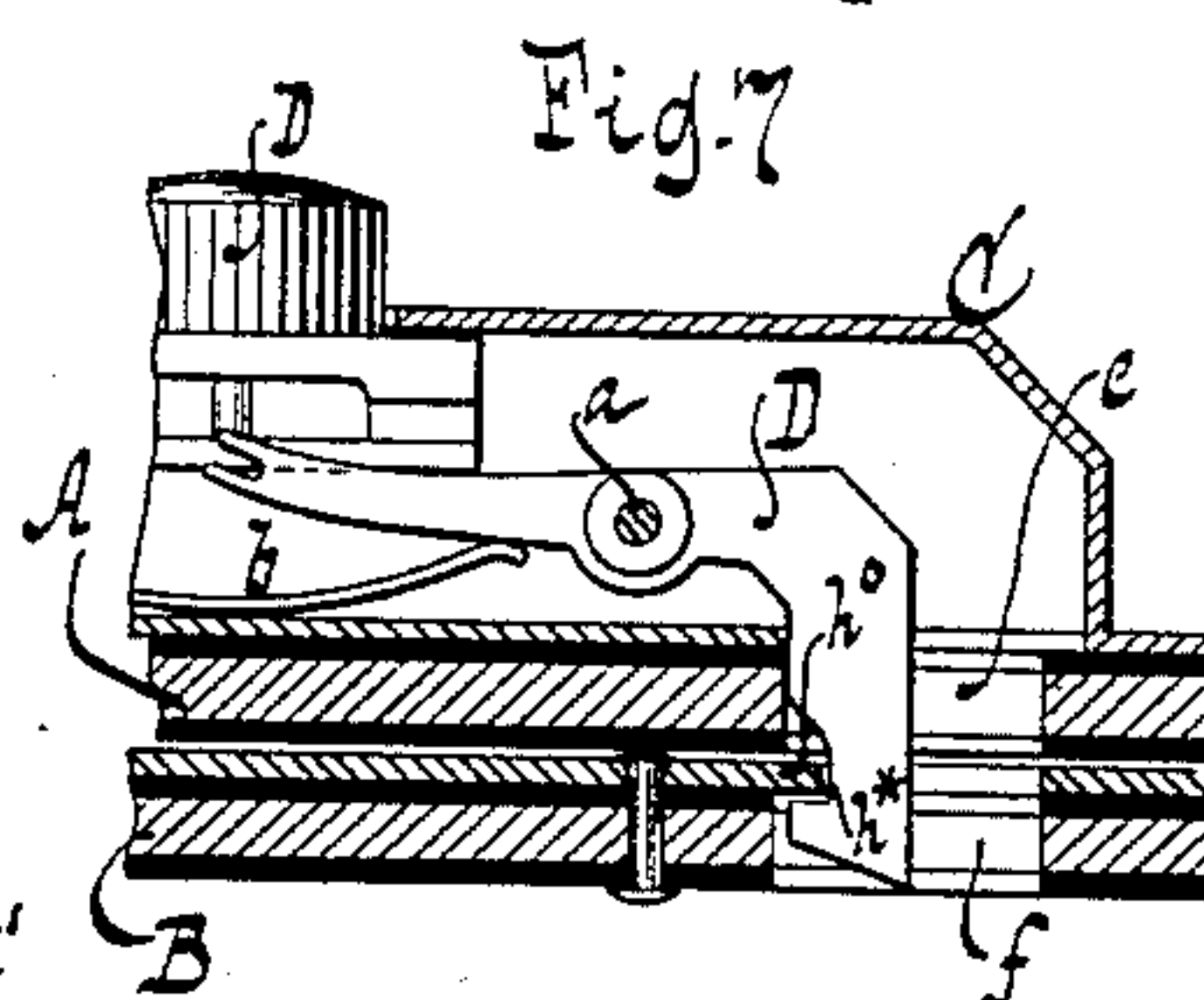
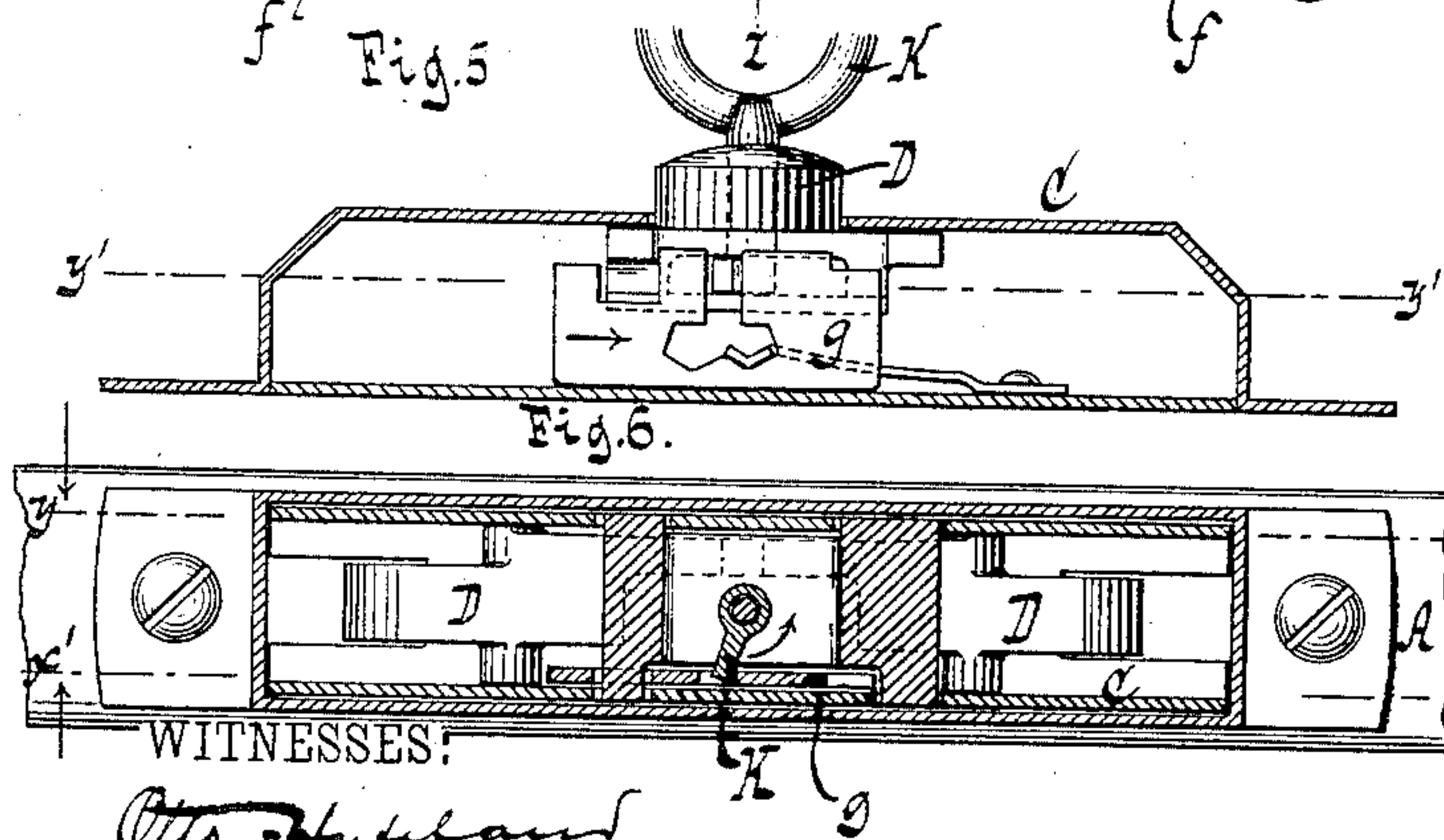
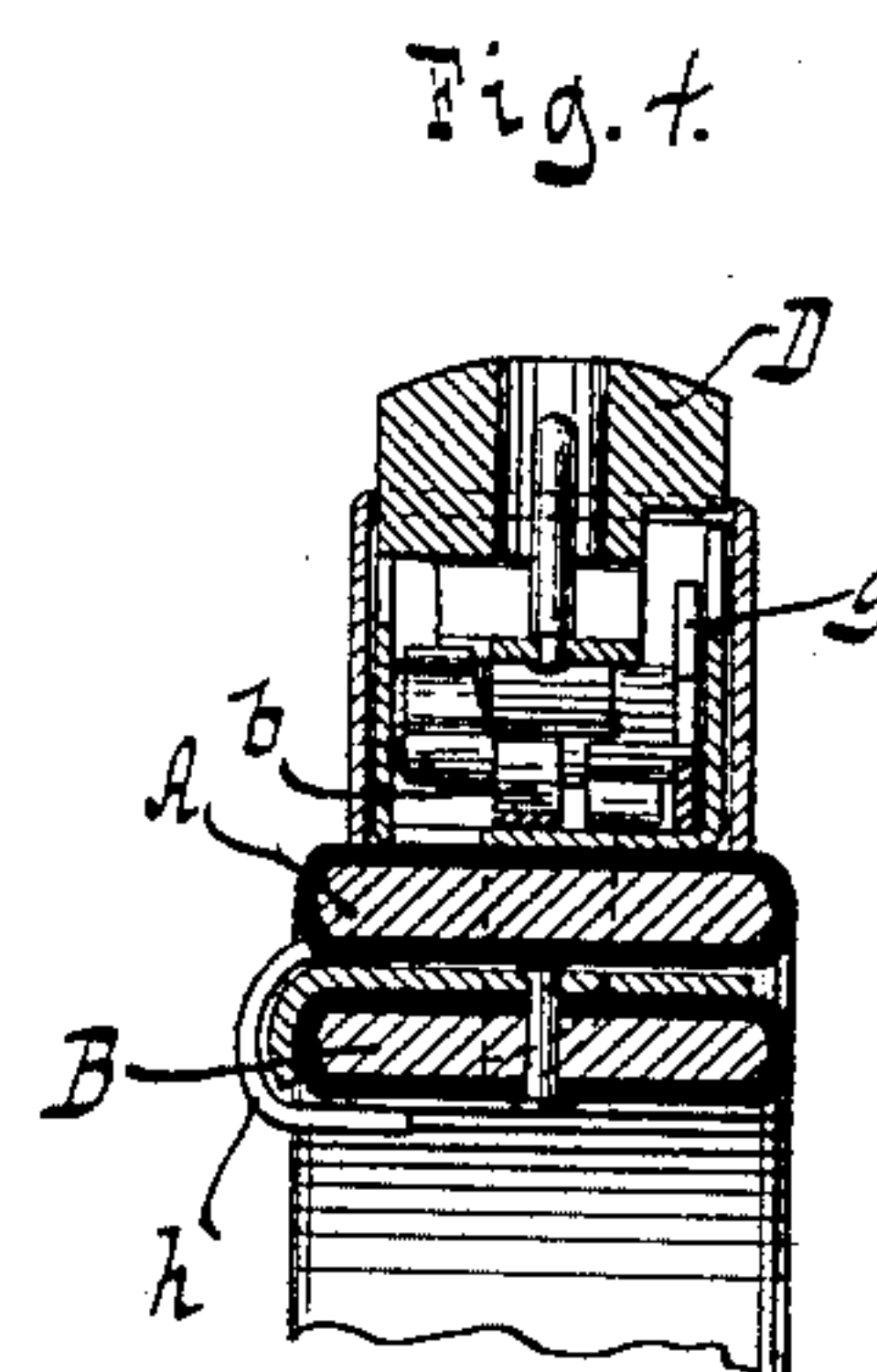
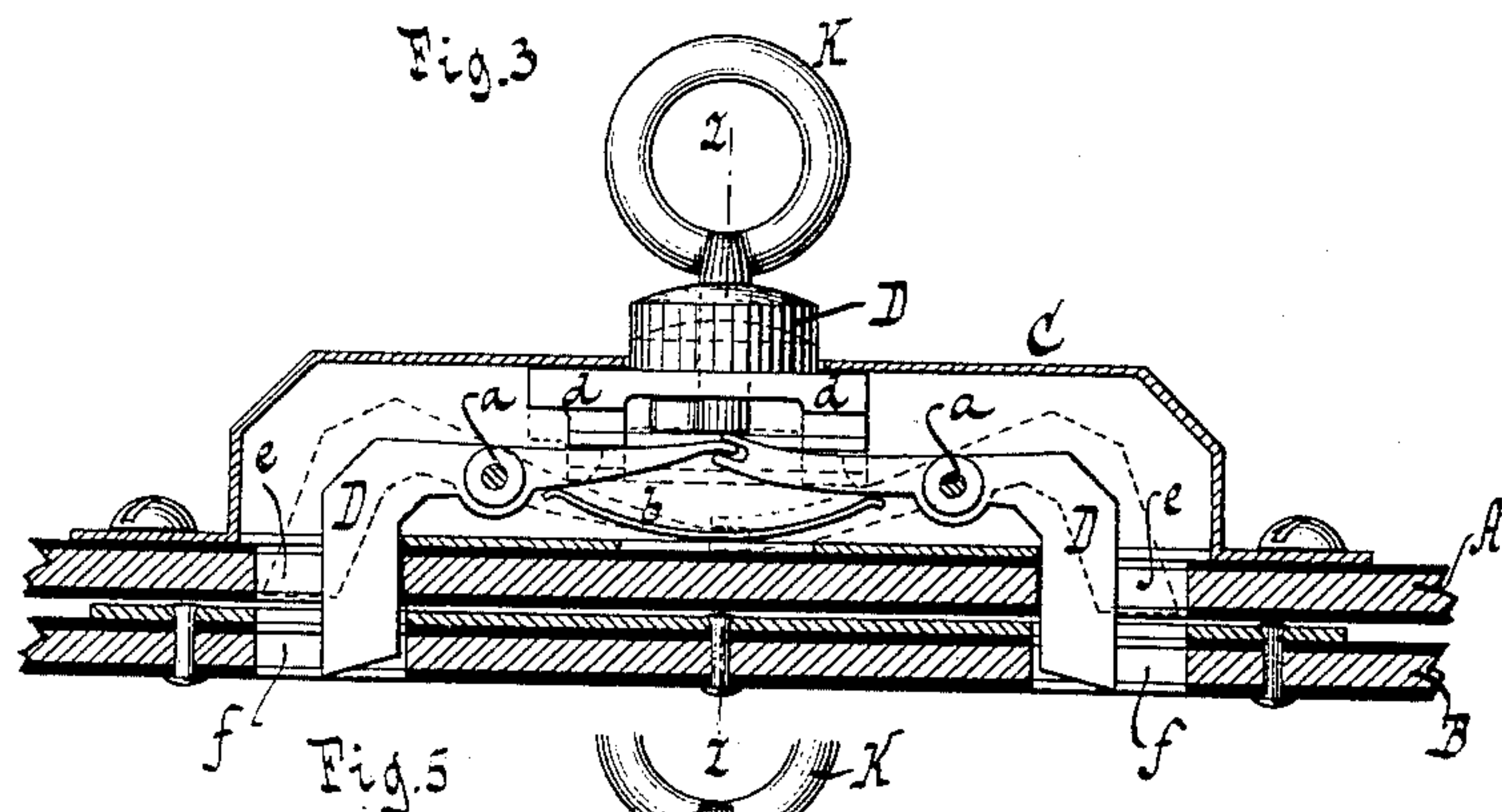
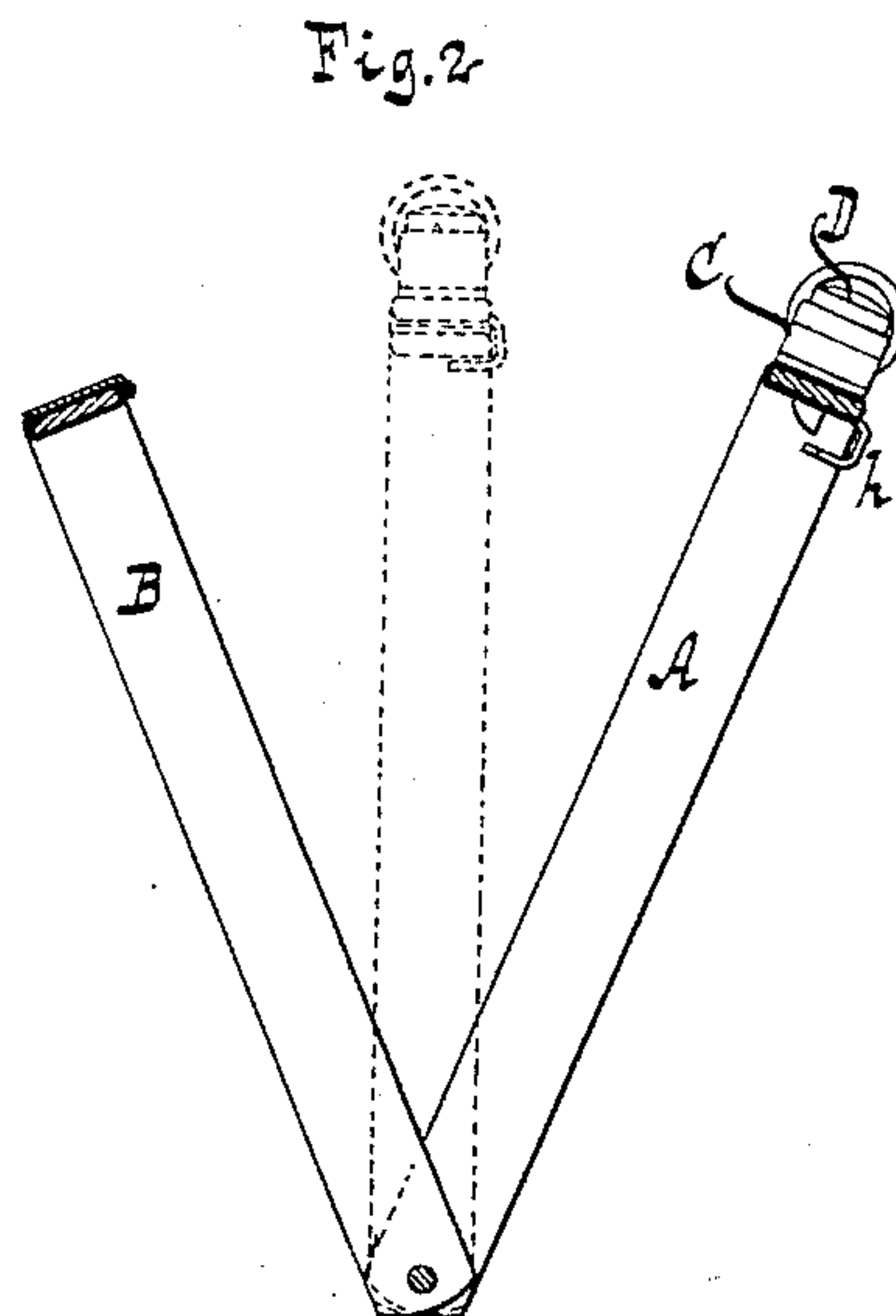
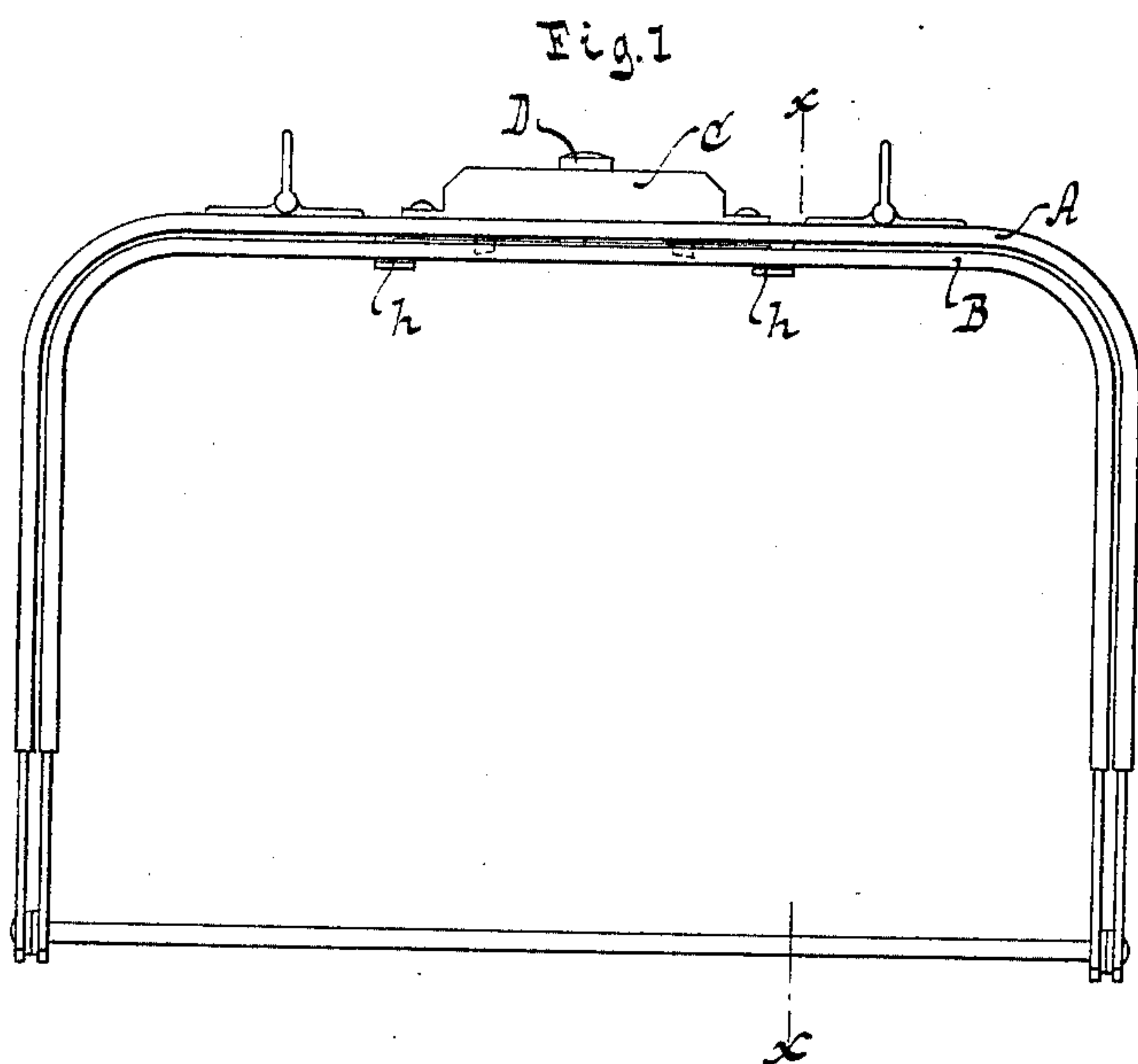
(No Model.)

F. C. SCHMIDT.

LOCK FOR THE FRAMES OF SATCHELS, &c.

No. 325,017.

Patented Aug. 25, 1885.



WITNESSES:

Otto Hufeland
William Haller

INVENTOR
Ferdinand C. Schmidt

BY

Van Santvoord & Haupp
ATTORNEYS

UNITED STATES PATENT OFFICE.

FERDINAND C. SCHMIDT, OF NEWARK, NEW JERSEY.

LOCK FOR THE FRAMES OF SATCHELS, &c.

SPECIFICATION forming part of Letters Patent No. 325,017, dated August 25, 1885.

Application filed May 14, 1885. (No model.)

To all whom it may concern:

Be it known that I, FERDINAND C. SCHMIDT, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented new and useful Improvements in Locks for the Frames of Satchels, Traveling-Bags, &c., of which the following is a specification.

This invention has for its object to provide novel means for locking the jaws of a satchel-frame, traveling-bag, or similar article; and to such end the invention consists in the combination of devices hereinafter described and claimed, reference being made to the accompanying drawings, in which—

Figure 1 represents a front view of a bag-frame embodying devices constituting my invention, the same being closed. Fig. 2 is a transverse section in the plane $x x$, Fig. 1, showing the frame closed in dotted lines and open in full lines. Fig. 3 is a longitudinal vertical section in the plane $y y$, Fig. 6, on a larger scale than the previous figures. Fig. 4 is a transverse section in the plane $z z$, Fig. 3. Fig. 5 is a longitudinal vertical section in the plane $x' x'$, Fig. 6. Fig. 6 is a horizontal section in the plane $y' y'$, Fig. 5. Fig. 7 is a longitudinal vertical section of a modification.

Similar letters indicate corresponding parts.

In the drawings the letter A designates the outer jaw, and B the inner jaw, of a bag-frame. On the outer jaw is firmly secured the case C, which contains the locking mechanism. This mechanism consists of two hook-bolts, D D, which swing on pins $a a$, which have their bearings in the case C. A spring, b , has a tendency to retain these hook-bolts in the position shown in Fig. 3. In the top of the case C is fitted a button, D, provided with arms $d d$, which bear upon the tails of the hook-bolts, so that by depressing said button the hook-bolts are thrown into their unlocking position shown in Fig. 3 in dotted lines, the position shown in full lines being the locking position. The heads of the hook-bolts extend through

slots $e e$ in the outer jaw, A, and when the inner jaw is closed said heads engage with slots $f f$ in the inner jaw. The button D can be locked by means of a key, K, which acts upon a slide, g , and throws the same beneath the arms $d d$ of the button, so that the same cannot be depressed and the heads of the hook-bolts cannot be raised out of the slots $f f$ in the inner jaw.

In order to prevent an unauthorized person from opening the bag by inserting a suitable tool between the jaws A B and forcing them apart, so that the inner jaw will clear the heads of the hook-bolts, I have secured to the outer jaw two brackets, $h h$, which catch beneath the inner jaw when the same is locked. (See Figs. 1, 2, and 4.) Instead of using the brackets as supports for the inner jaw, I can form lips h' on the inner edges of the slots $f f$ in the inner jaw, (see Fig. 7,) and in this case the heads of the hook-bolts are provided with recesses h^* , which engage with the lips, thereby preventing the two jaws from being forced apart.

It must also be remarked that in place of the button a finger-piece of any other form may be used—such as a lever or cam—without departing from the spirit of my invention.

What I claim as new, and desire to secure by Letters Patent, is—

The combination, with the two jaws A B, of a case secured to the outer jaw, A, two hook-bolts mounted in the case, a finger-piece acting on the tails of the hook-bolts, slots in the inner and in the outer jaw, and supports for the inner jaw when the same is closed, substantially as described.

In testimony whereof I have hereunto set my hand and seal in the presence of two subscribing witnesses.

FERDINAND C. SCHMIDT. [L. S.]

Witnesses:

W. HAUFF,

WILLIAM MILLER.