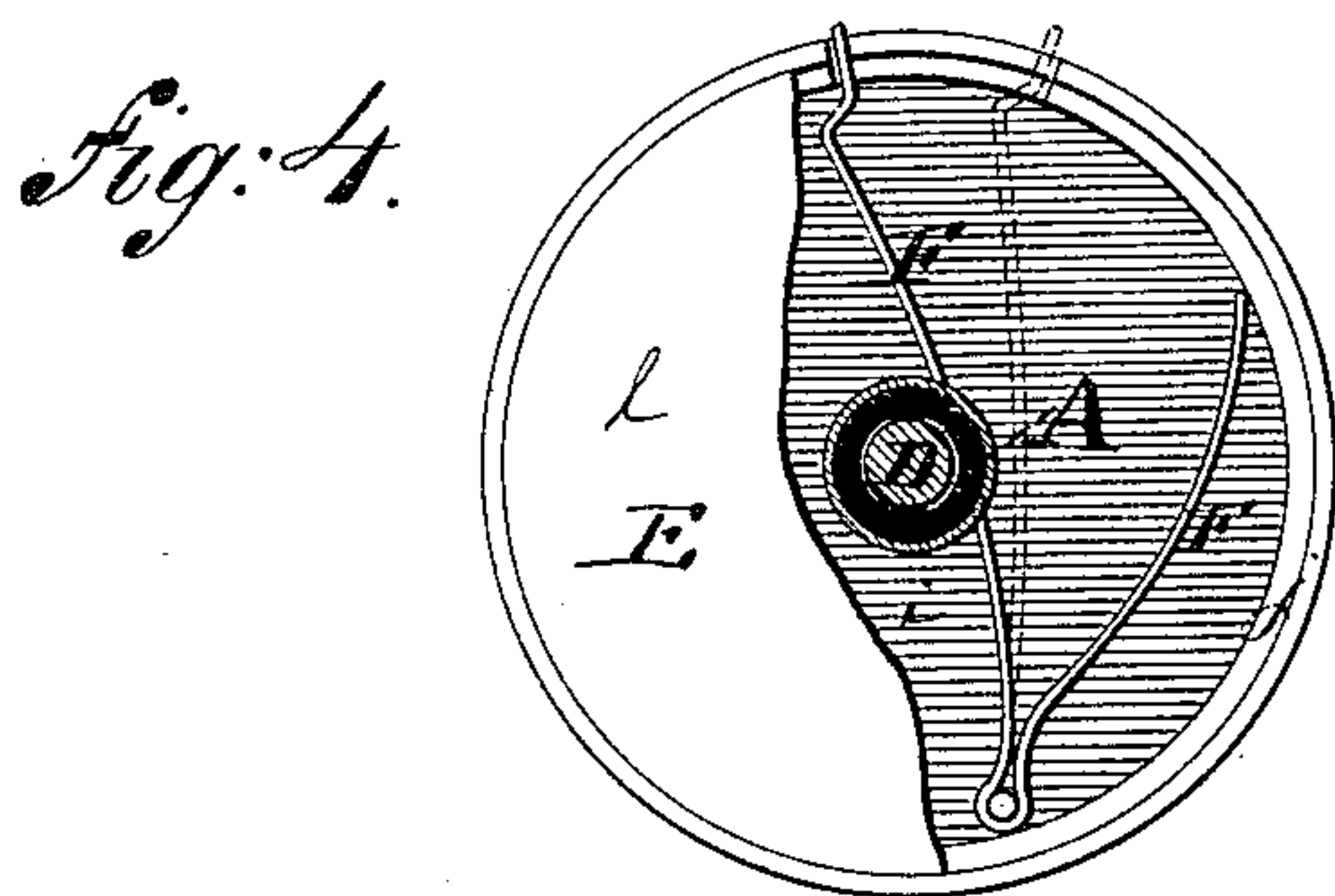
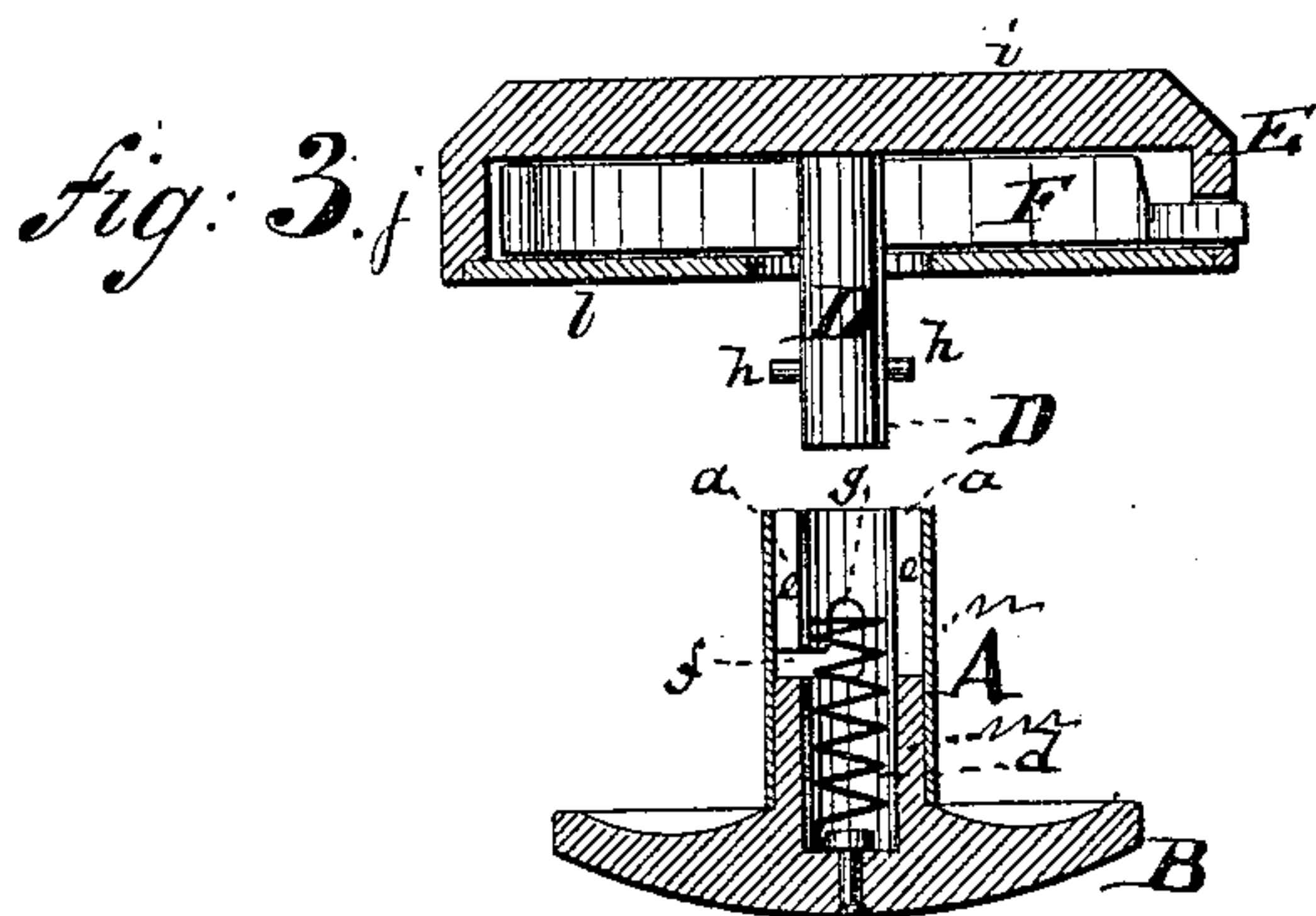
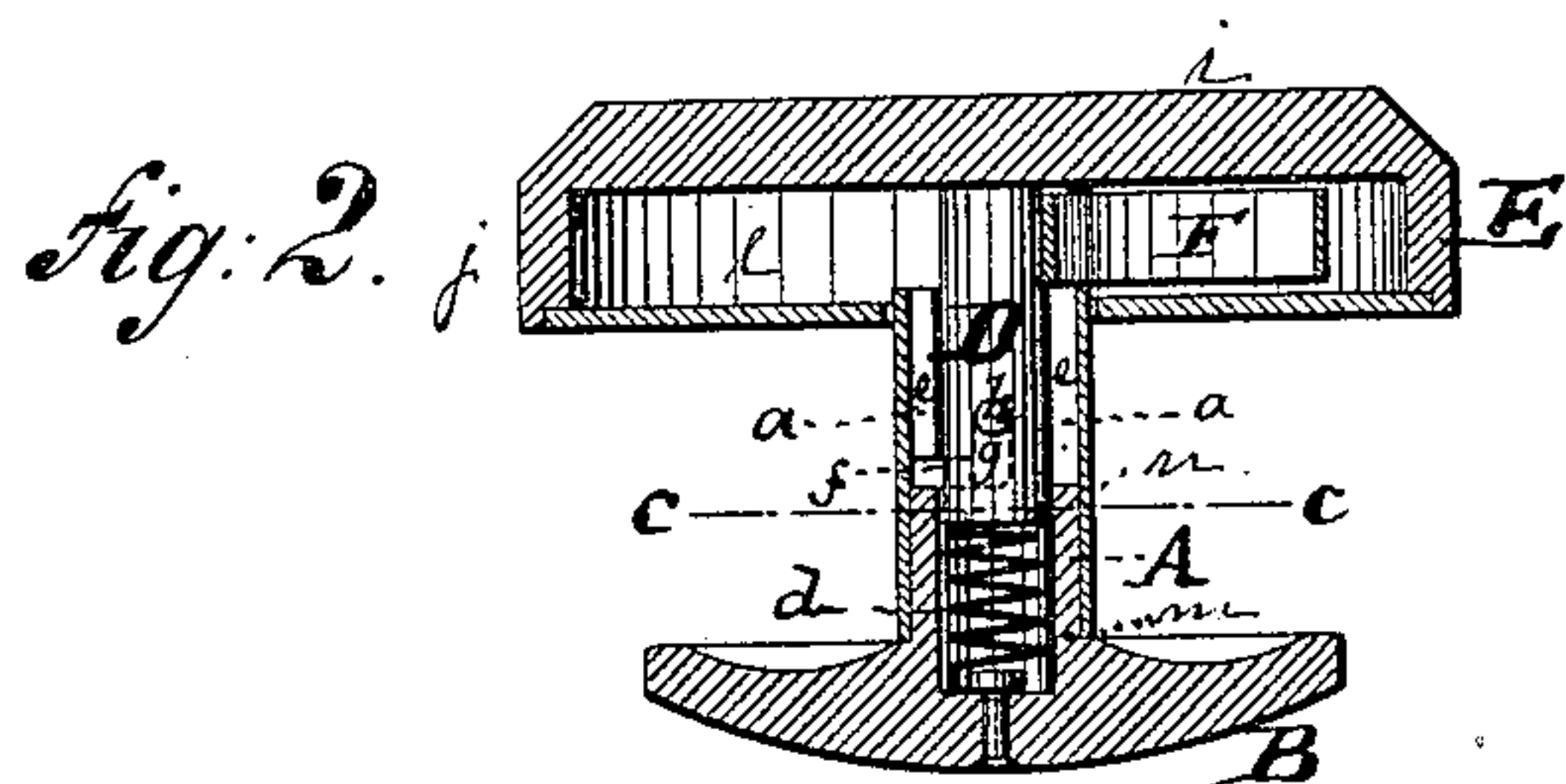
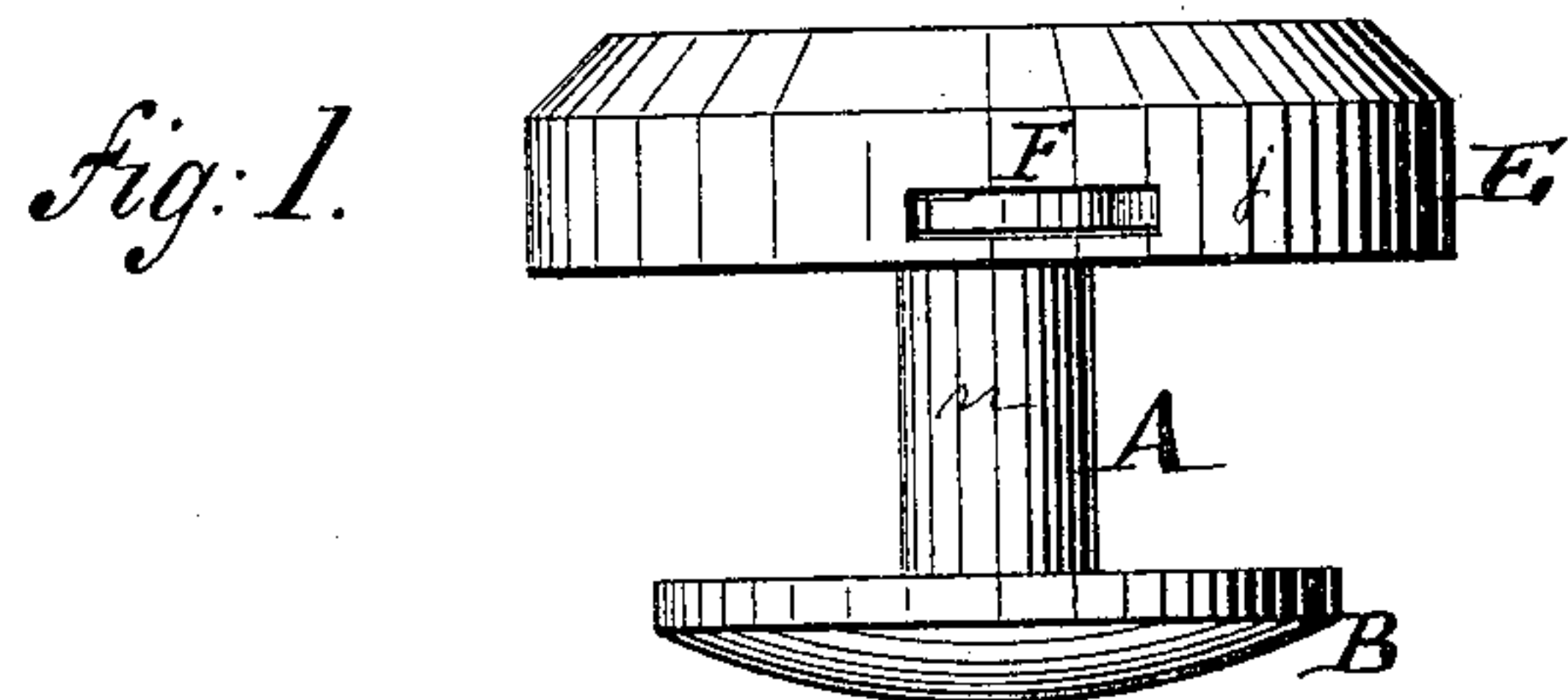


(No Model.)

E. KUHN.  
BUTTON.

No. 326,992.

Patented Sept. 29, 1885.



WITNESSES:

*A. Schehl.*  
*Gustav Schneppe.*

INVENTOR

*Edmund Kuhn.*

BY *Prusen & Steile*

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

EDMOND KUHN, OF BROOKLYN, NEW YORK.

## BUTTON.

SPECIFICATION forming part of Letters Patent No. 326,992, dated September 29, 1885.

Application filed May 29, 1885. (No model.)

*To all whom it may concern:*

Be it known that I, EDMOND KUHN, of Brooklyn, county of Kings, and State of New York, have invented an Improved Sleeve-Button, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 is a side view of my improved button. Fig. 2 is a vertical central section of the same, showing the head and shoe in their normal positions. Fig. 3 is a similar section thereof, showing the head and shoe separated from each other. Fig. 4 is a horizontal section of the same on the line *c c*, Fig. 2, looking toward the head of the button.

This invention relates to that class of buttons in which the head is separable from the shoe.

The object of this invention is to produce a simple separable button, in which the devices for holding its parts together are not easily broken or deranged, and which are inclosed within it, so that in external appearance it resembles a common cuff-button.

In the drawings, A represents that part of the post which is carried by the shoe B, and D represents that part of the post which is carried by the head E.

The post A is composed of an inner tube, *m*, that projects from the shoe B, and also of an outer tube, *n*, that surrounds the tube *m*, and is soldered or otherwise rigidly secured thereto. The inner tube, *m*, of the post A is provided at its upper end with two bayonet-slots, *a*, which are opposite each other. Each of these two bayonet-slots *a* has a vertical downwardly-extending part, *e*, which is open at the upper end, a horizontal part, *f*, and a short vertical upwardly-extending part, *g*. The tube *n* covers the slots *a*, thus hiding them from view and preventing their edges from cutting the cuffs.

The post D is provided with two outwardly projecting pins, *h*, which are opposite each other. The pins *h* are adapted to be pressed downward in the vertical portions *e* of the slots *a* against the action of a spring, *d*, which is contained within the hollow post A until said pins are aligned within the horizontal portions *f* of said slots *a*, when, on turning the head E and post D they are moved horizontally in the parts *f* until said pins come in line with the vertical upwardly-extending portions *g* of said slots. When the pins *h*

reach this point, the spring *d* being free to expand, presses the pins *h* up in said portions *g* of the slots *a* and holds them there.

The head E of the button consists of an upper face-plate, *i*, which has a downwardly-extending rim, *j*. Opposite the face-plate *i* is attached to said rim a circular lower plate, *l*. The lower plate, *l*, has a central opening for the admission of the post A, which enters said opening when the button is complete, as shown in Fig. 2. In the head E, between the face-plate *i* and the lower plate, *l*, is placed a spring-latch, F, that bears upon the upper end of the post A, and thereby prevents the pressure of the arm of the wearer of the button from overcoming the resistance of the spring *d* and from crowding the pins *h* in the portions *g* of the slots *a* back into the portions *f*. This spring-latch F may be moved out of the way of the post A by taking hold of its outer end, which extends beyond the periphery of the head E, as is shown in Fig. 4, the rim *j* being perforated for this purpose.

After the latch is moved away from the post A, as shown by dotted lines in Fig. 4, so that the inner end of the post A may be moved toward the face-plate *i*, the head and shoe can be pressed toward each other until the pins *h* come in line with the horizontal grooves *f*, whereupon the head is turned to bring said pins in line with the upright slots *e*. The spring *d* then forces the head and shoe wholly apart.

It will be seen that the post A requires no projection of any kind for abutting against the spring-latch F, as the upper end of the post itself answers this purpose, nor are the slots *a* exposed. Thus a button is produced that has no external projections except the end of the spring-latch F.

I claim—

The hollow head E, post D, and pins *h*, combined with the spring-latch F, contained within said hollow head E, and with the hollow post A that fits the central aperture of the lower plate, *l*, of said hollow head, said post A having bayonet-slots *a*, concealed by the tube *n*, and the shoe B and spring *d*, substantially as herein shown and described.

EDMOND KUHN.

Witnesses:

HARRY M. TURK,  
AUGUST SCHLARBAUM.