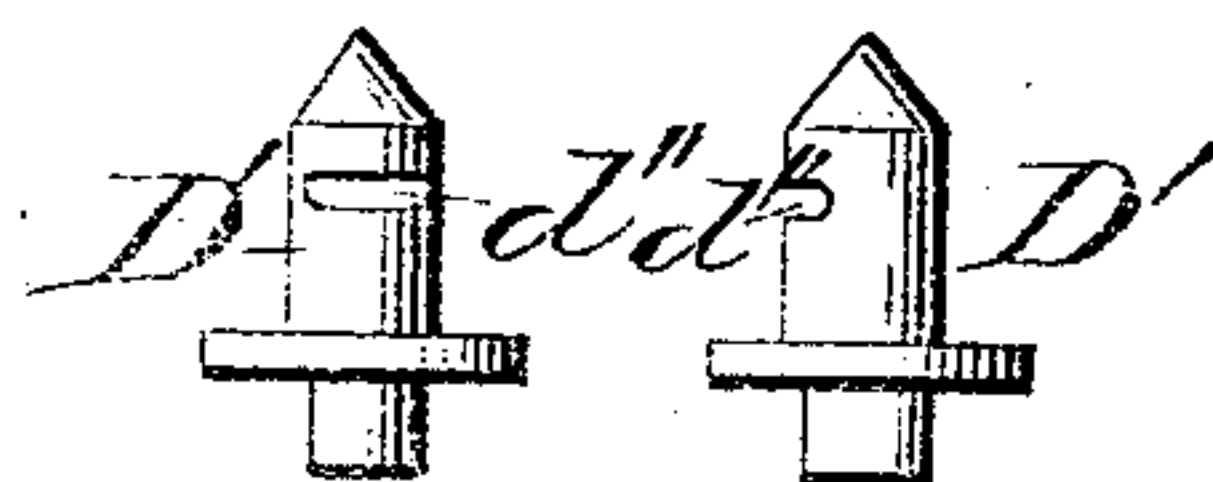
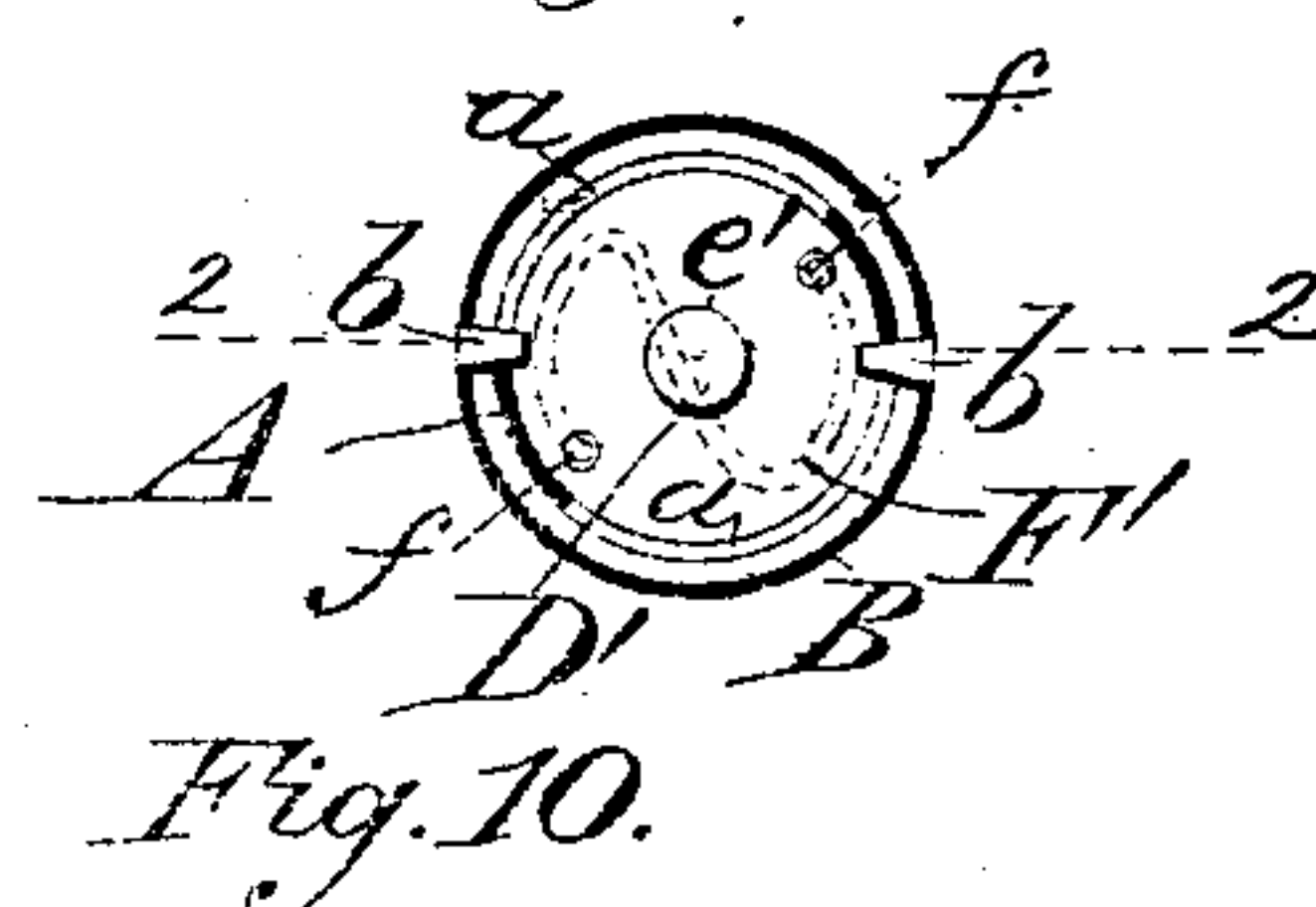
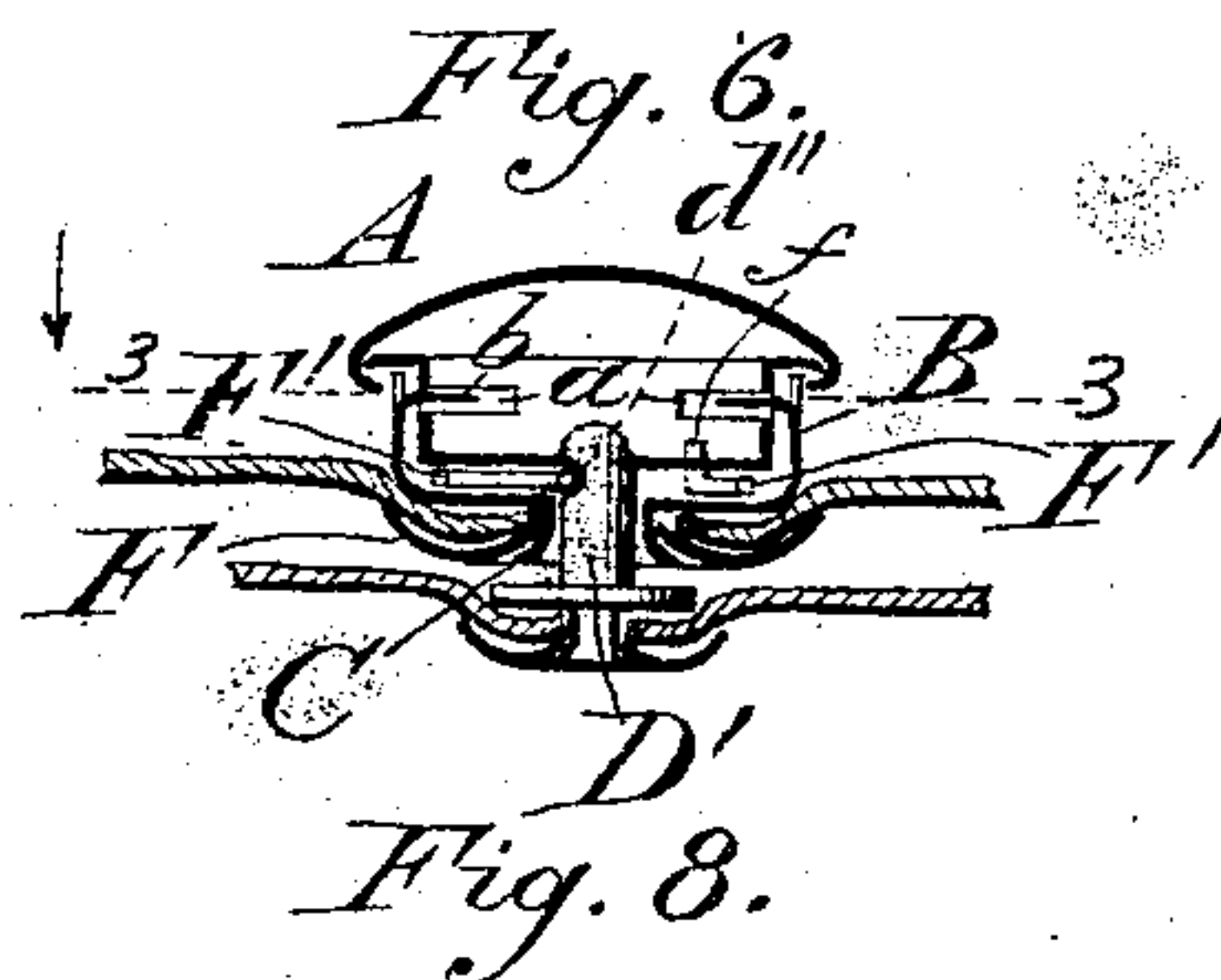
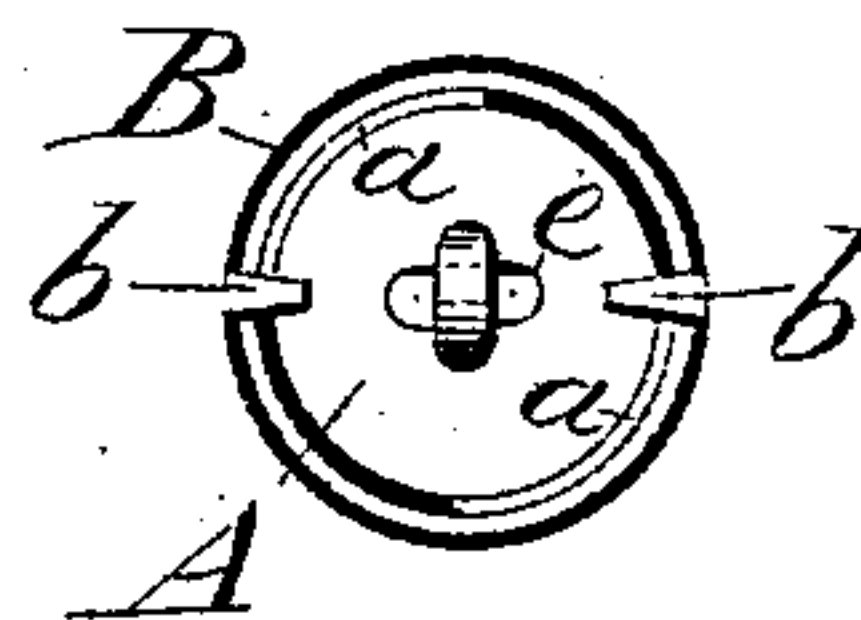
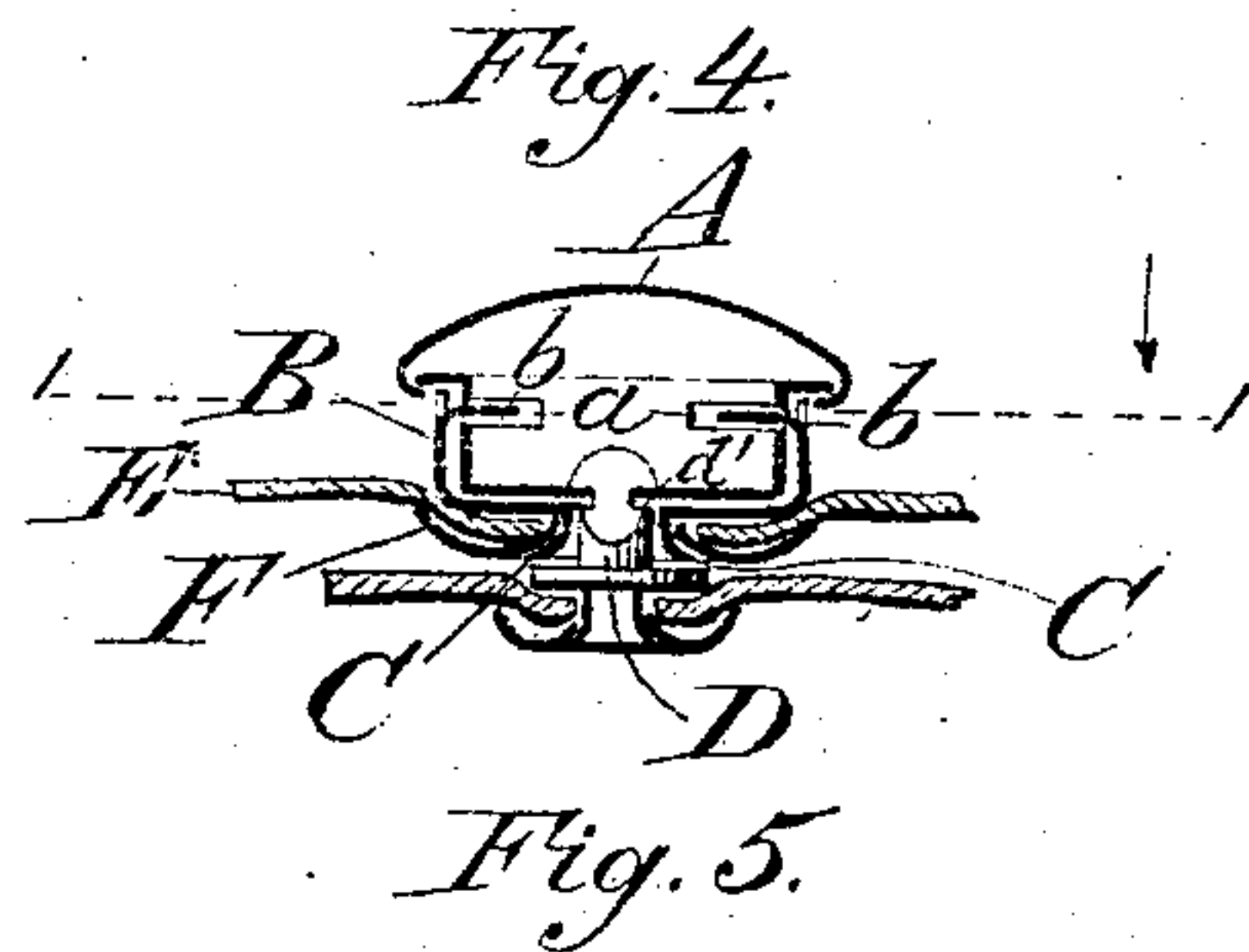
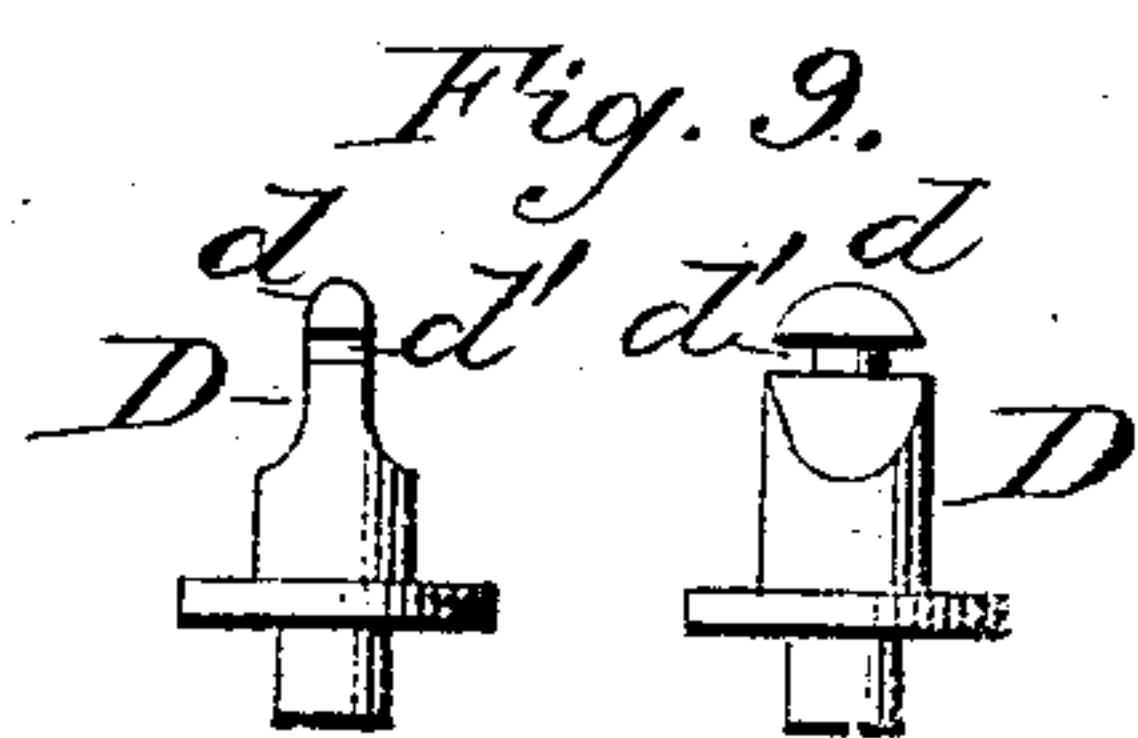
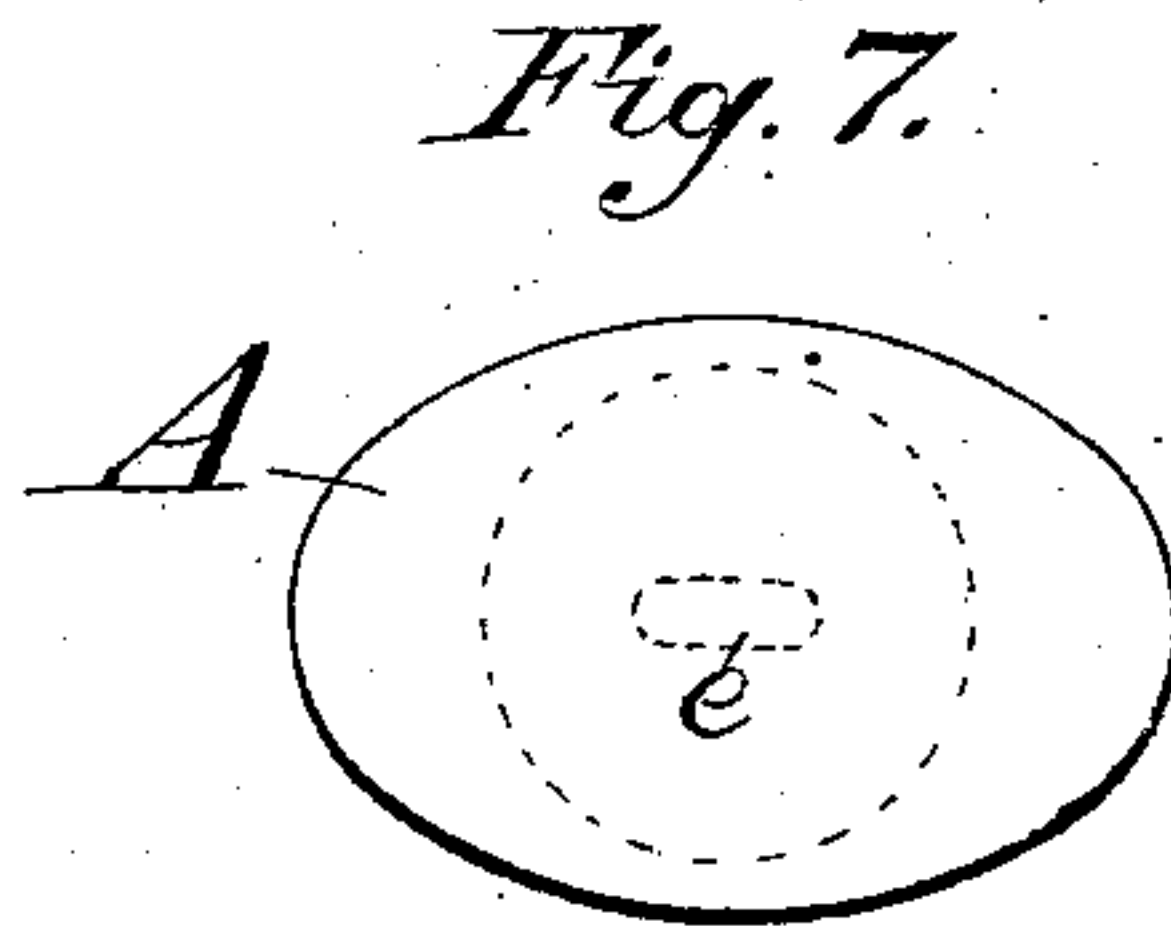
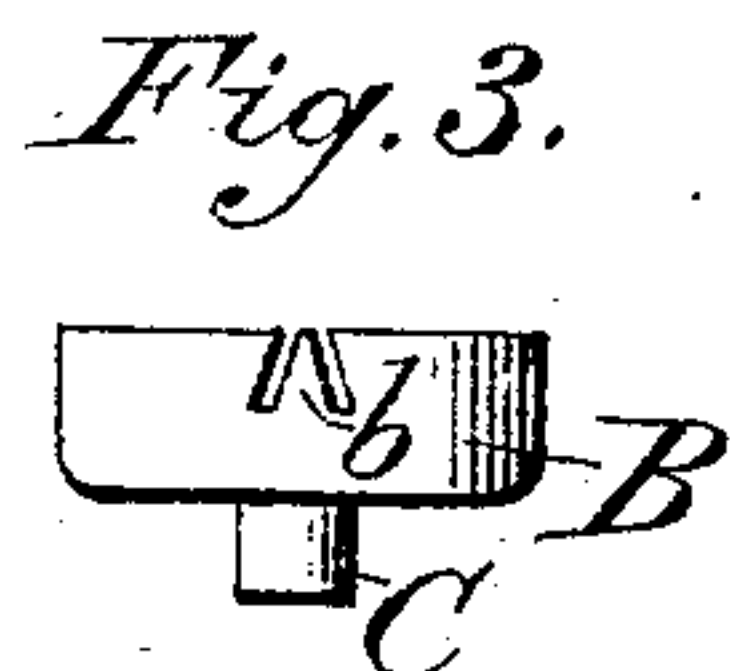
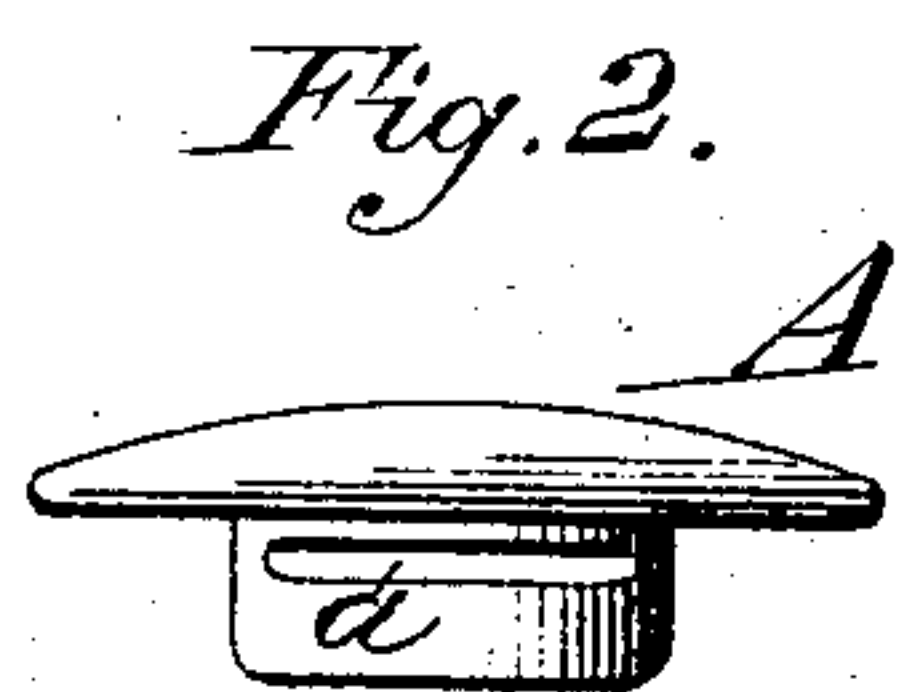
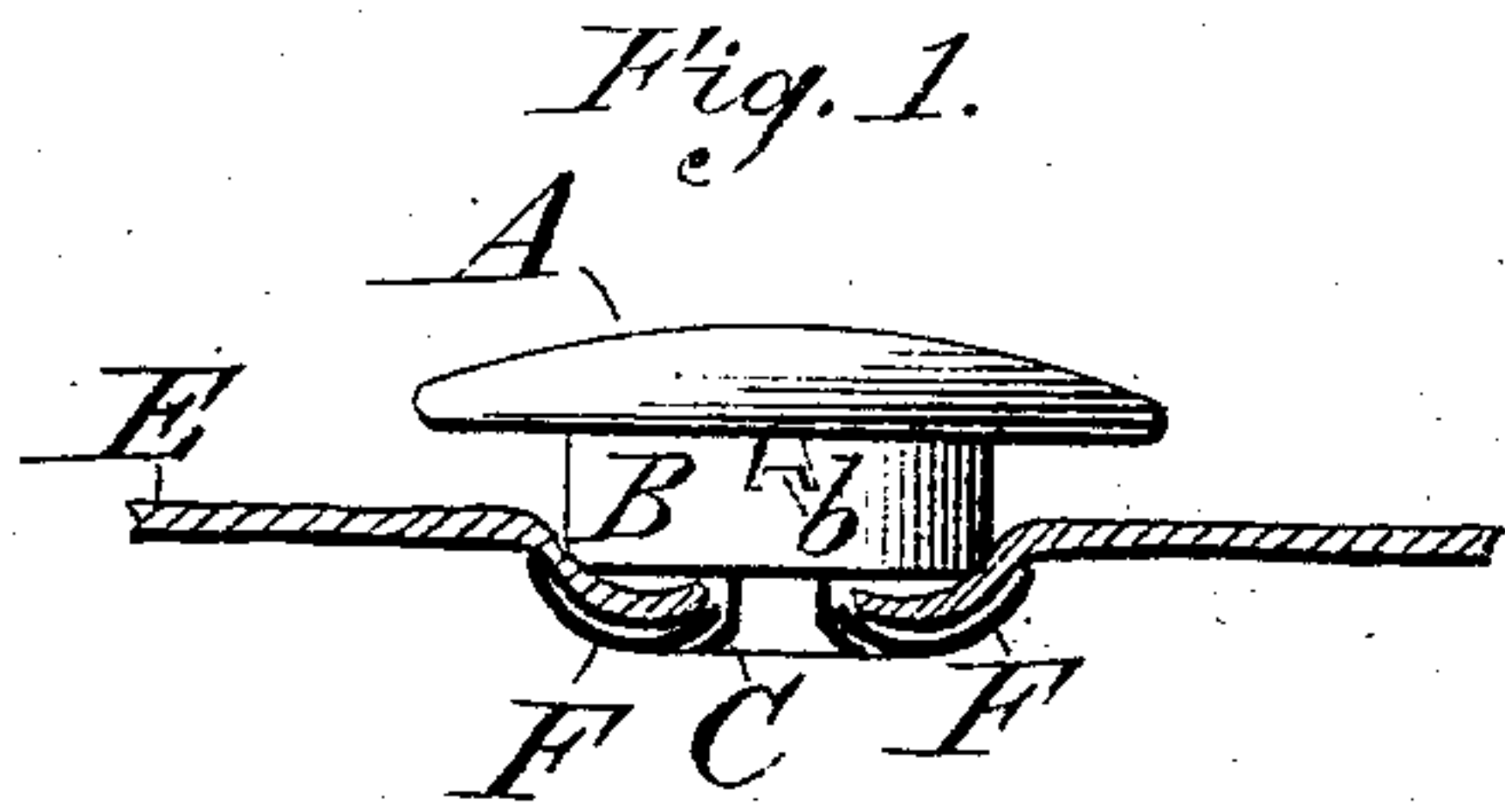


(No Model.)

E. WRIGHT.  
Fastener for Gloves.

No. 233,060.

Patented Oct. 5, 1880.



Attest.

J. H. Schott.  
A. R. Brown

Inventor.

Edmund Wright



# UNITED STATES PATENT OFFICE.

EDMUND WRIGHT, OF BIRMINGHAM, ENGLAND.

## FASTENER FOR GLOVES.

SPECIFICATION forming part of Letters Patent No. 233,060, dated October 5, 1880.

Application filed June 11, 1880. (No model.) Patented in France June 9, 1879, and in England June 9, 1879.

*To all whom it may concern:*

Be it known that I, EDMUND WRIGHT, a subject of Great Britain, residing at Birmingham, in the county of Warwick, England, have invented certain new and useful Improvements in Fasteners for Gloves, Gaiters, Purses, and other Articles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to an improved fastener consisting of two parts, the one constructed of a cylindrical shell (or it may be a solid head) fitted to rotate within another similar shell, for the purpose of interlocking with a stud or pin constituting the other part of the fastener, whereby great strength, simplicity, and efficiency of action are secured.

In order that the invention may be more readily understood, I have illustrated it in the accompanying drawings, and will proceed to describe it with reference thereto.

The same letters correspond to like parts in each figure.

Figure 1 is an elevation of the front portion or head of the fastener, and Figs. 2 and 3 are elevations of the two parts of which it is composed. Fig. 4 is a central vertical section of the entire fastener, and Fig. 5 a horizontal section thereof on line 1 1, Fig. 4.

A is a covered cylindrical shell, having by preference an oval cover (or it may be a solid head) fitted to revolve freely in an outer cylinder or shell, B, the two shells being connected together by the inner shell, A, being slotted or grooved for rather more than a quarter of its circumference on opposite sides, as seen at *a*, in which slots or grooves work nibs *b*, formed by piercing the outer cylinder, as shown, and bending down the nibs so formed into the groove *a*. These nibs thus answer the triple purpose of holding the inner shell in its place in the outer one, as stops to prevent the inner shell from turning more than the required distance, and as a brake to prevent the inner shell revolving too freely.

The outer shell is provided with a tubular

neck, C, to receive the stud or pin D, (shown in Fig. 9,) and constituting the other portion of the fastener. This neck C is passed through one part of the garment on which it is intended to fasten. A washer, F, slightly larger than the cylinder B, is now passed over the neck C, which is then clinched or riveted over it, the material E being thereby embedded in the washer F, and thus firmly secured between it and the cylinder B.

Instead of clinching the neck C a thread may be cut thereon and a dish-shaped nut made use of.

The pin D is attached to the other part of the garment or article to be fastened in a similar manner.

The pin or stud D has a flat or oblong head, *d*, with notches *d'* just beneath, and the bottom of the inner shell or cylinder, A, has a corresponding oblong slot, *e*, as shown in Fig. 7, for the head *d* to pass through, and on turning the inner shell, A, one-quarter of a revolution the head *d* is held in the slot *e* by the sides of the latter engaging in the notches *d'*, as seen in Fig. 5.

The portions of the fastener being attached to the two parts of the article to be fastened, as above mentioned, if the shell A be turned until its slot *e* coincides in position with the head *d* of stud D, the former can be slipped freely onto the latter, and the two secured together by turning the shell A a quarter of a revolution, so that the slot *e* will be at right angles to the head *d*, as before mentioned.

The nibs *b*, working in the grooves *a*, limit the rotation of the head A and prevent it turning too easily.

Fig. 6 shows a vertical section on line 2 2, Fig. 8, which shows a horizontal section on line 3 3, Fig. 6, of a similar arrangement applied to another form of button in which the motion of the inner shell is limited by the nibs, as before described, while the two parts of the fastener are locked together by a spring, F', engaging with a notch, *d'*, at one side of the stud D', which in this case is of cylindrical form with a conical point, as shown in Fig. 10, the aperture *e'* in the bottom of the inner shell, A, Fig. 8, being likewise circular to allow of it rotating on the stud D'.

The spring is preferably of the S form shown,



its two ends having upwardly-turned lugs *f, f*, which enter holes in the bottom of the shell A. The middle portion of the spring lies partly across the aperture *e'*, as shown, so that when the stud *D'* is inserted the spring will be pushed to one side by the conical point of the stud, and afterward fall into the notch *d''*, when the inner shell, A, is turned round to bring the spring opposite said notch.

The motion of the inner shell is limited by the nibs *b*, as before, except that in this case it should be about one-third of a revolution. On turning it the reverse way the spring leaves the notch and bears against the plain part of the stud, which is then free to be withdrawn.

The top of the shell A may be plain or set with jewels or other ornaments, as desired.

Having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a button-fastener, the inwardly-turned nibs *b*, formed in the outer shell of the button, and arranged to work in slots in an inner shell, whereby the inner shell is retained within the outer one, and its movement therein limited and regulated, substantially as shown and described.

2. In a button-fastener, the combination of the inner shell, A, having slots *a, e*, the outer shell, B, having nibs *b* and tubular neck C, the washer F, and the stud D, provided with a flat or oblong head, *d*, and notches *d'*, substantially as and for the purpose specified.

In testimony whereof I affix my signature in presence of two witnesses.

EDMUND WRIGHT.

Witnesses:

A. R. BROWN,

F. H. SCHOTT.