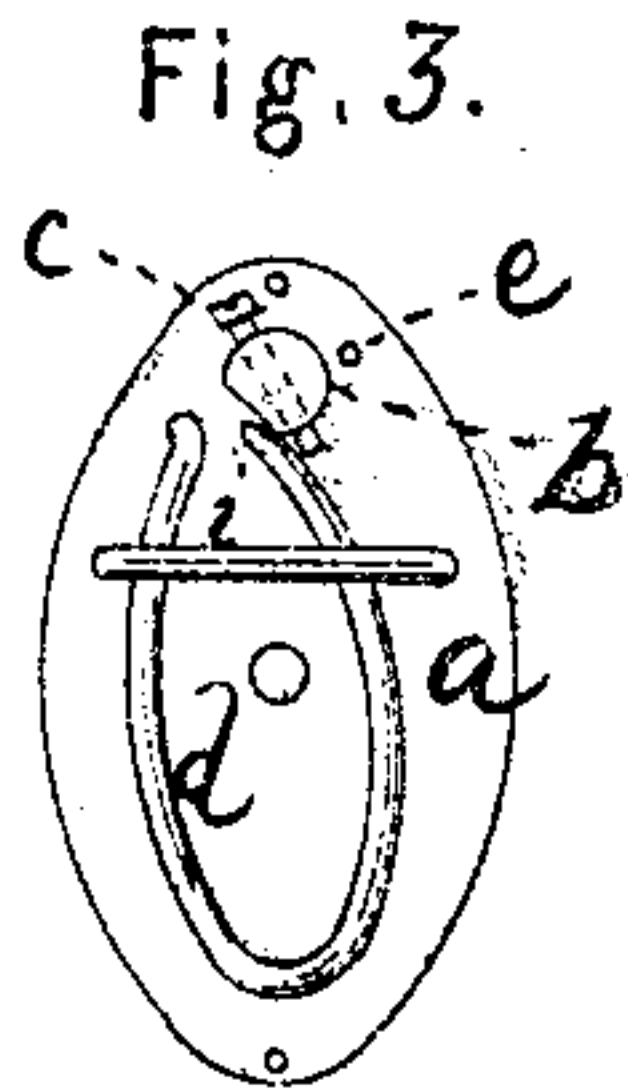
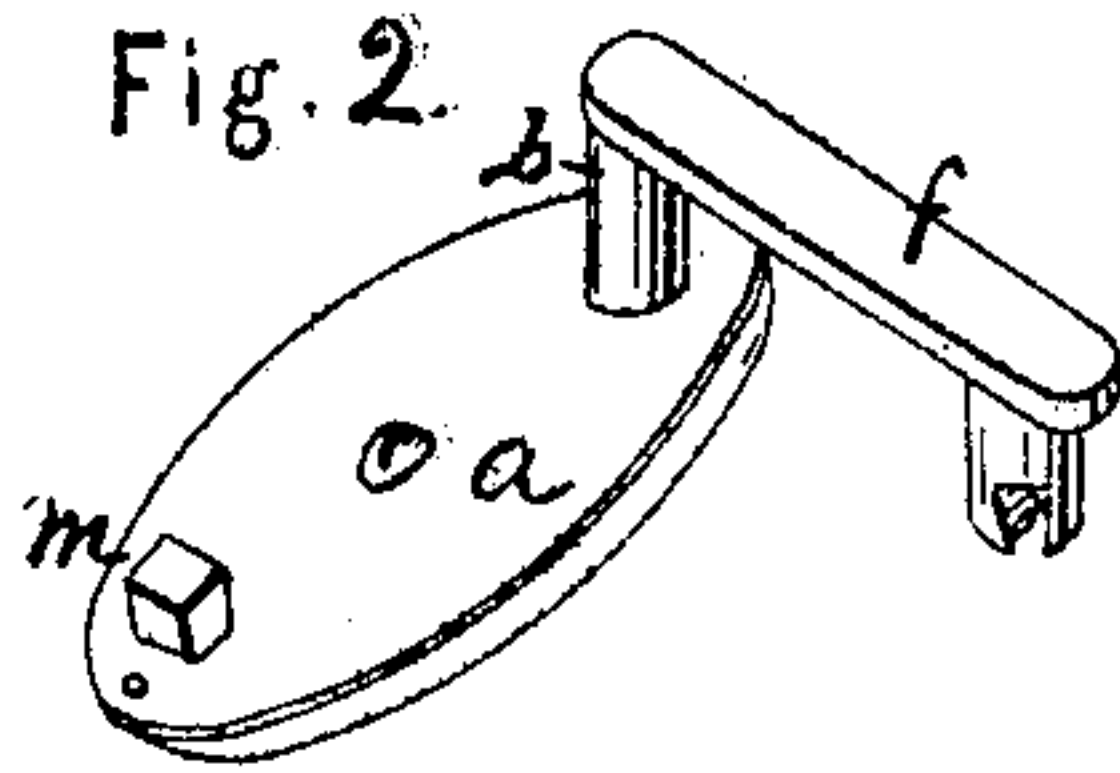
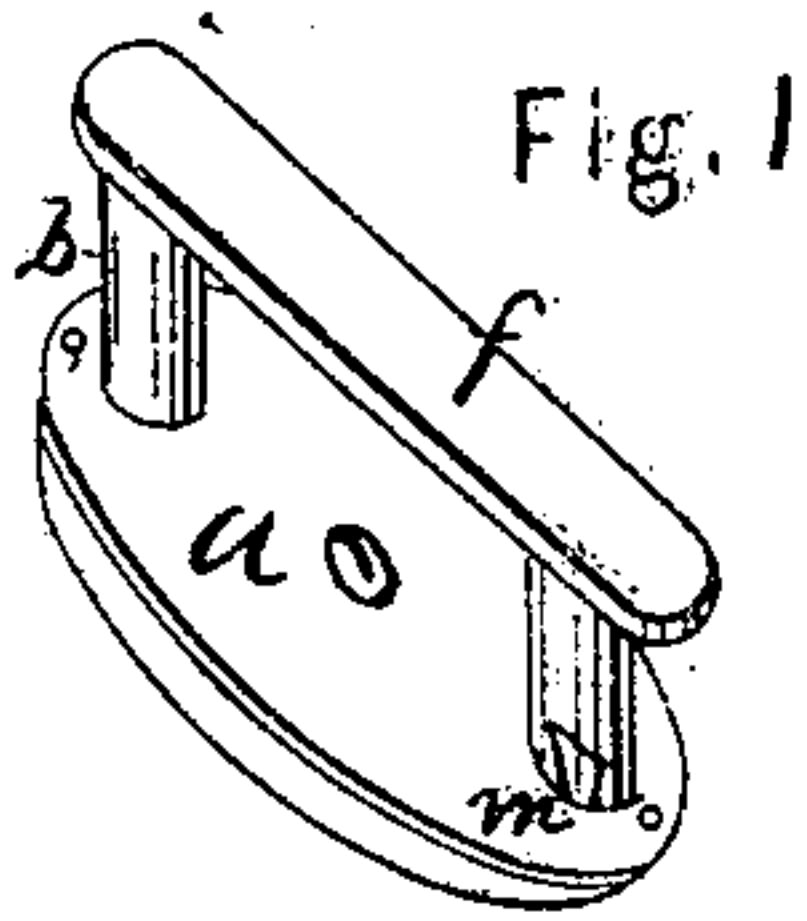


F. A. Finn.

Stud & Sleeve Button.

N^o 25891.

Patented Oct. 25. 1859.



Witnesses.

*John Penn
& H. Hook*

Inventor.

Felix A. Finn

UNITED STATES PATENT OFFICE.

FELIX A. FINN, OF NEW YORK, N. Y.

STUD AND SLEEVE-FASTENER.

Specification of Letters Patent No. 25,891, dated October 25, 1859.

To all whom it may concern:

Be it known that I, FELIX A. FINN, of the city, county, and State of New York, have invented certain new and useful Improvements in Sleeve-Buttons and in the Construction Thereof; and I do hereby declare and ascertain the same, referring to the accompanying drawing, in which—

Figure 1, is a representation of the button complete fastened. Fig. 2, the same opened. Fig. 3, the interior showing the spring and other devices for the movement.

My invention consists of a mode of fastening buttons to shirt sleeves and like articles of dress and in the construction thereof by which I obtain a secure and very durable fastening easily affixed and cheaply made.

The construction is as follows: A back plate *a* is formed of an outline suited to the pattern the button is to be made on. To this back plate I pivot a short bar *b* the end of which passes through the plate *a* beneath which a small screw is put through bar *b* at right angles to its axis as at *c*. The point of this screw projects beyond the surface and bears against a spring *d*, which is a simple piece of steel wire bent in horseshoe form one end being turned at right angles and affixed to the plate *a*, while the other is loose and bears against the point of the screw *c*. A small metal loop *i* is soldered to the plate *a* over the spring and keeps it in place. When the point of the spring rests against one side of the point of the screw *c* it holds the clasp hereafter described closed. When the bar *b* is turned, so as to have the spring bear against the other side of the point the clasp is held open. To prevent its opening too far there is a little stud pin *e* in plate *a* against which the head of the screw *c* strikes. From the outer end of the bar *b* a straight or other formed arm *f* projects parallel with, and at a proper distance from plate *a* and this arm bears upon its other end

a projection of similar form to bar *b* that extends from the arm to the plate *a* when the button is fastened, as in Fig. 1. At this point of contact of the projection on arm *f* there is a stud *m* (see Fig. 2,) affixed to the plate *a* made broader at the top than next the plate which fits a recess in the projection on arm *f* as clearly shown in the figures, and thus locks them together when fastened or closed, as in Fig. 1. When opened, as in Fig. 2, the arm *f* can be inserted into the buttonholes and then by turning it around into place the button is securely fastened.

It will be noticed that the screw used to bear against the spring forms a ready mode of adjustment thereof easily and cheaply made and applied. The spring is of great length for the small space it occupies and is of little cost. The other parts are also strong and compact. The whole spring is covered by the cap or front plate of the button which may be of any pattern and the other parts may also be changed in form while the same principle is retained.

Having thus fully described my improved sleeve button, what I claim as my invention and for which I desire Letters Patent is—

1. The swivel bar and arm arranged and operating as above specified for the purpose set forth.

2. I also claim in combination therewith the dovetail stud *m* to confine the front end of the arm *f* when closed upon it, as and for the purpose set forth.

3. I also claim the projecting screw *c* against which the spring acts as above described.

4. I also claim in combination with the above devices the spring constructed and arranged as heren set forth.

FELIX A. FINN.

Witnesses:

JOHN RIVER,
A. W. HOOK.