

E. M. Deey.

Shirt Stud.

N^o 100,988.

Patented Mar. 22, 1870.

Fig. 1.

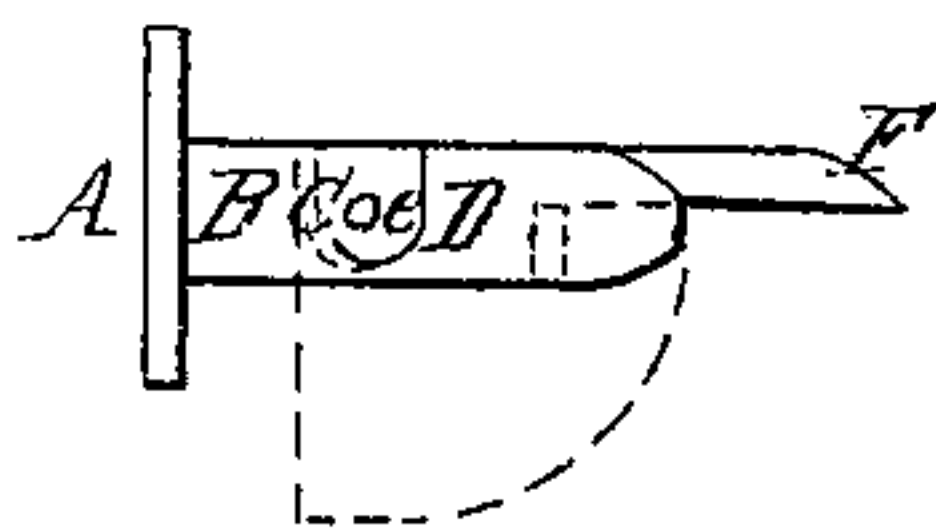


Fig. 4.

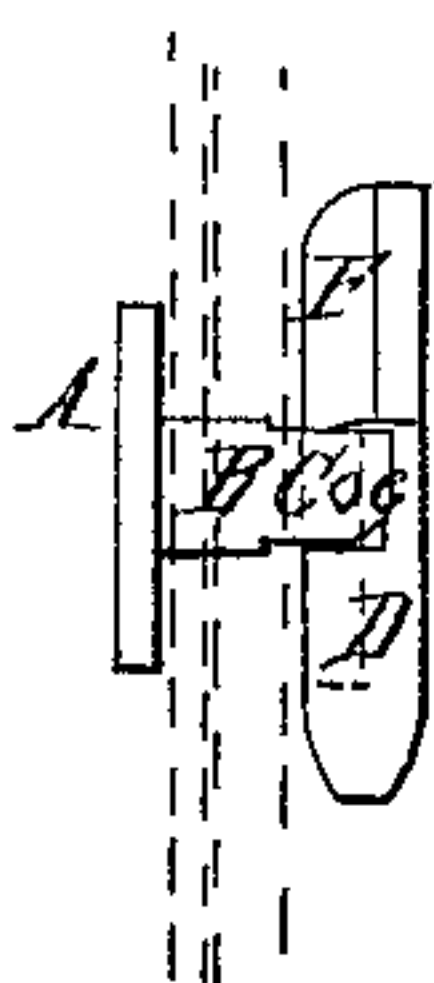


Fig. 2.

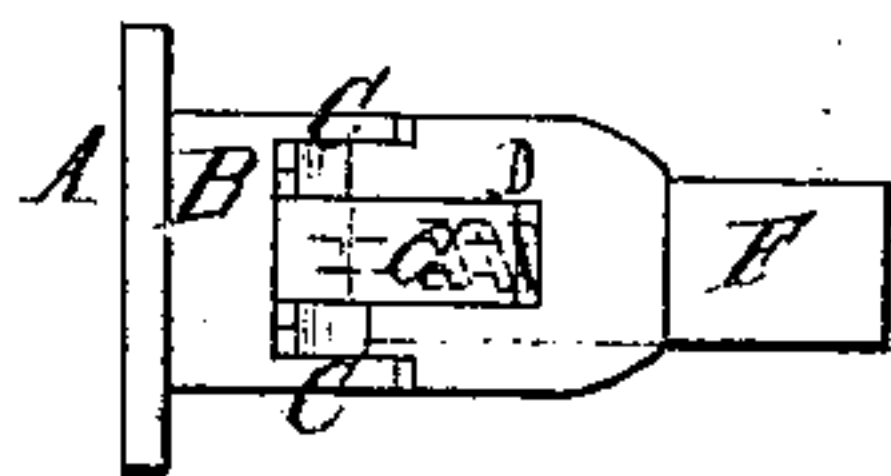


Fig. 3.

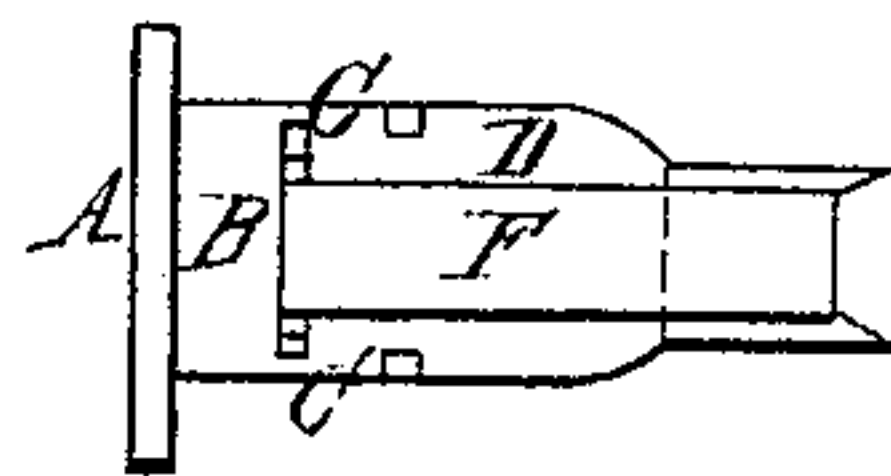


Fig. 5.

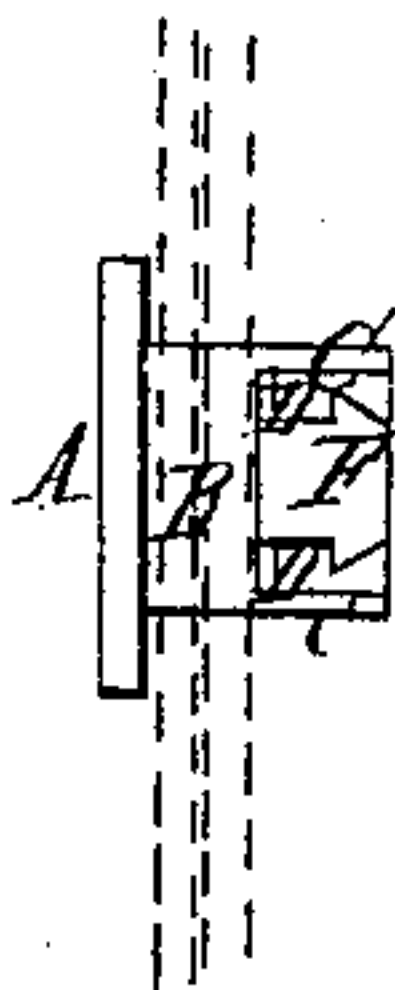


Fig. 6.

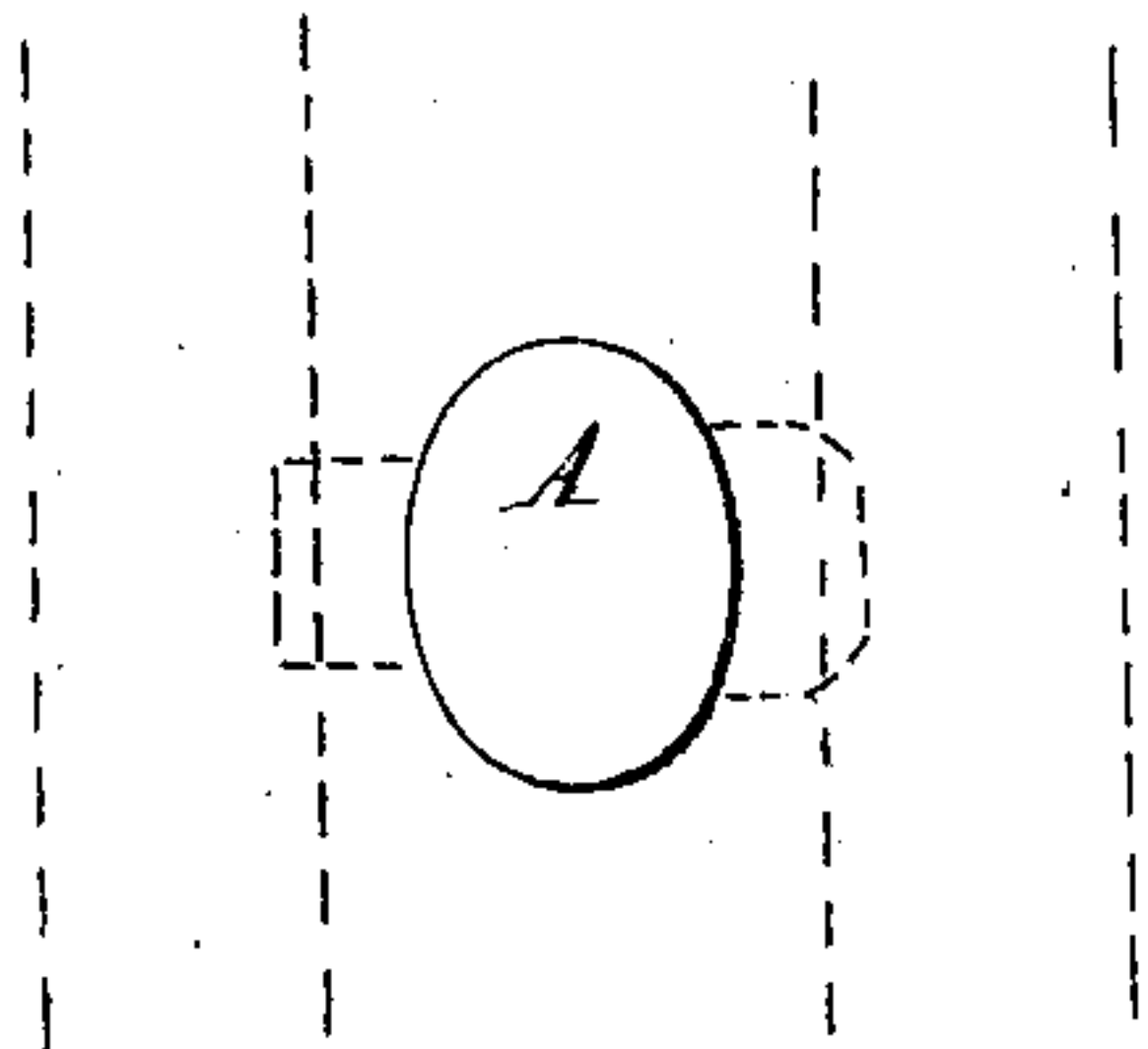
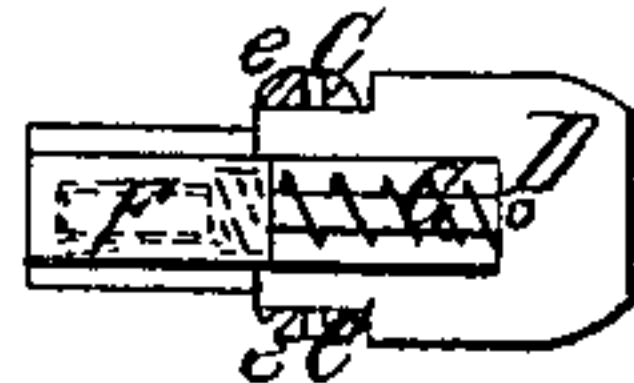


Fig. 7.



Witnesses.

Arthur Crile
Arthur B. Williams



Inventor.

E. Mortimer Deey

United States Patent Office.

EDWARD MORTIMER DEEY, OF NEW YORK, N. Y.

Letters Patent No. 100,988, dated March 22, 1870.

IMPROVEMENT IN FASTENINGS FOR STUDS OR BUTTONS.

The Schedule referred to in these Letters Patent and making part of the same.

I, EDWARD MORTIMER DEEY, of the city, county, and State of New York, have invented certain Improvements in Shirt-Studs and Buttons, of which the following is a specification.

The nature of my invention consists in the employment of the shank of the button in such manner as to act as a guard in preventing return of the button after it has been inserted in the bosom or collar of a shirt or other garment, until the shank is brought into a straight line by hand, as I will further explain by reference to the accompanying drawings, in which—

Figure 1 is an edge view of my invention as it appears before entering a button-hole.

Figures 2 and 3 are side elevations of same.

Figures 4, 5, and 6 are views of said shirt-stud as it appears when inserted in a shirt, and showing the stem as a guard to prevent its return; and

Figure 7, a view of the stud with its head removed so as to show the sliding bar and its operating-spring.

In the said drawings—

A indicates the head of the shirt-stud;

B, the stationary portion of the stem;

c c, the jaws of said stationary portion which receive the portion D, which is pivoted to the portion B at e e, forming a flexible joint.

F is the sliding bar, which slides freely in the part D; and

G is the spiral spring which throws the sliding bar F outward, so as to form, with the portion D, the guard, as shown in figs. 4 and 6.

The flexible stem B D of the button is of oval or oblong shape in transverse section, (see fig. 7,) for the purpose of holding the button-head (which may rep-

resent some device) vertical, as well as for convenience in inserting the stem in a ready-made long button-hole in the shirt-bosom.

To insert this shirt-stud in an article of wearing apparel, I first bring the stem into a straight line, (see fig. 1,) and pass it through the aperture; and next I gently press the stem against my body, when the portion D of the stem will assume a right angle on one side with the stationary part B, and the spiral spring G will push and keep the sliding bar F outward on the opposite side, forming, with the part D, the guard, and preventing return of the stud from the shirt until the stem is (by hand) again brought into a straight line, when it can be drawn out from the article.

I am aware that a patent has been granted to B. Clayton, February 12, 1867, for a sleeve-button having a sliding bar in a crooked rigid stem, which was found to be so awkward as to deform and damage a shirt-bosom on inserting or removing the same, and has, in consequence, been little used or entirely abandoned. I therefore do not claim such.

I claim as my invention—

A shirt-stud or button provided with a shank, B, to which is hinged a bar, D, within whose socket a bar, F, slides, and is extended at right angles to the shank or parallel with the button-head, it being held to duty by a spring, G, all in combination, substantially as and for the purposes hereinbefore set forth.

November 19, A. D. 1869.

E. MORTIMER DEEY.

Witnesses:

ARTHUR NEILL,

ARTHUR B. WILLIAMS.