D. S. COOKE.
Buttons.

No. 217,269. Patented July 8, 1879.

Fig. 1.

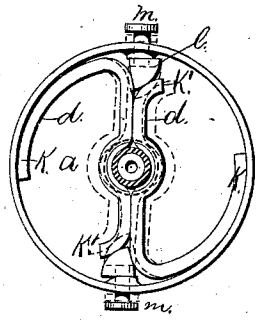


Fig. 3.

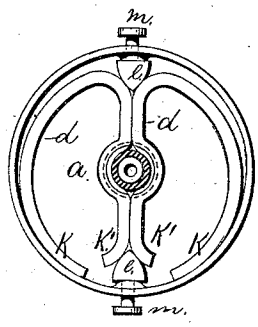


Fig. 2.

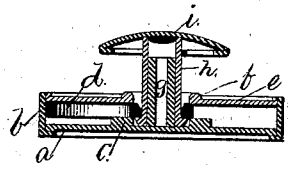
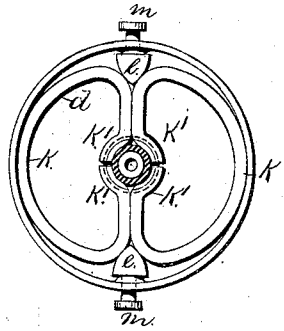


Fig. 4.



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UNITED STATES PATENT OFFICE.

DANIEL S. COOKE, OF PROVIDENCE, RHODE ISLAND.

IMPROVEMENT IN BUTTONS.

Specification forming part of Letters Patent No. **217,269**, dated July 8, 1879; application filed May 17, 1879.

To all whom it may concern:

Be it known that I, DANIEL S. COOKE, of the city and county of Providence, and State of Rhode Island, have invented a new and useful Improvement in Buttons; and I hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification.

The object of this invention is to construct a self-fastening button with the long curved springs, and so that it cannot become accidentally detached.

The invention has reference to ornamental sleeve or other buttons; and consists in the peculiar and novel arrangement of the parts, as will be more fully set forth hereinafter, and pointed out in the claims.

Figure 1 is a view of the reverse side of the front disk of a button, showing the springs and the pushers in the position for holding the shank and rear disk in solid lines, and indicating in broken lines their positions when the button is released. Fig. 2 is a vertical section of the improved button, showing the stud secured to the front disk. Figs. 3 and 4 are views showing springs of similar construction and operation, arranged to perform the same functions as those in Fig. 1.

In the drawings, *a* is the front disk of an ornamental button, secured within the deep rim *b*. The disk *a* is produced by stamping, and is provided with the inner raised annular rim *c*, on which the springs *d* rest, so that the projection on the tubular stud can pass beneath the springs and be firmly held by the same.

The springs *d* have one end secured to the rim *b* at *k*, and being of considerable length they are not liable to grow weak from use. The free ends *k'* of the springs will yield freely to the wedge-shaped presser *l*, operated by the pushers *m*. The whole is covered by the disk *e*, provided with the raised rim *f*, and secured to the outer rim, *b*.

g is a post, secured to the face-disk *a*, and forms a guide for the tubular shank *h*, which, at its lower end, is provided with a shoulder, rounded, so as to enter between the springs *d* and pass under the same. The shank *h* is secured to the rear disk, *i*.

In this improved button all the parts are strong and simple in construction. They are all firmly held in place and protected by the disk *e*. The button can be readily attached or detached, but cannot get loose and be lost by accident, as both the pushers *m m* must be pressed at the same time.

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

1. In a two-part button, the combination, with the disks *a* and *e*, secured to the rim *b*, of the springs *d*, shank *h*, shoe *i*, and wedge-shaped pressers *l*, arranged to separate the springs, substantially as described.

2. The combination, with the disk *i* and shank *h*, of the disk *a*, provided with the raised rim *c*, arranged to receive the shank and the disk *e*, both secured to the rim *b*, and springs arranged to hold the shank *h*, and adapted to be operated by wedge-shaped pushers, substantially as described.

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