

(No Model.)

C. F. VEIT.

BUTTON.

No. 327,906.

Patented Oct. 6, 1885

Fig. 1.

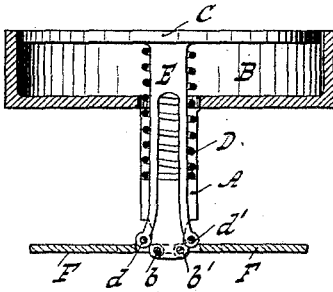


Fig. 2.

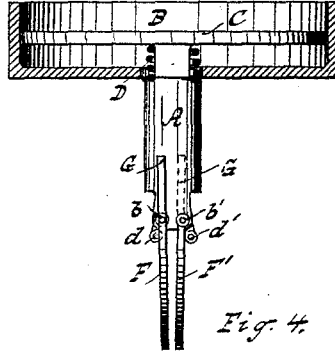


Fig. 3.

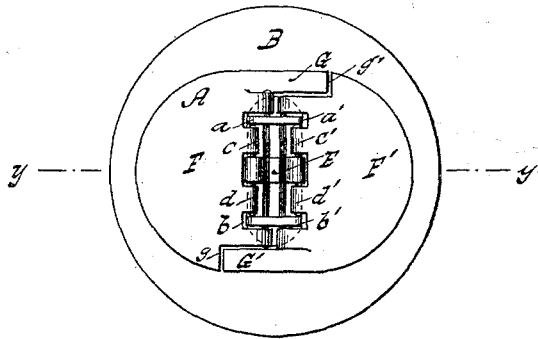


Fig. 4.

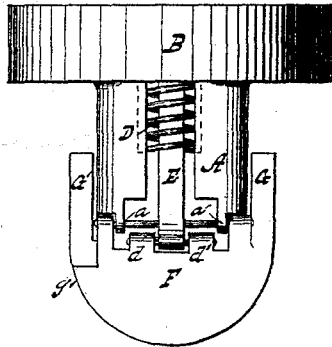
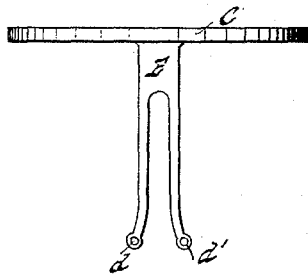


Fig. 5.



WITNESSES:

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*William Miller*

INVENTOR

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BY

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# UNITED STATES PATENT OFFICE.

CHARLES F. VEIT, OF LONDON, ENGLAND.

## BUTTON.

SPECIFICATION forming part of Letters Patent No. 327,906, dated October 6, 1885.

Application filed February 28, 1885. Serial No. 157,360. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES F. VEIT, a citizen of the United States, residing at London, England, have invented new and useful Improvements in Buttons, of which the following is a specification.

My invention relates to improvements in buttons; and it consists in the combination, with a cuff-button or the like, of shoes hinged to the button-shank, means for extending or folding those shoes, and extensions formed on said shoes which prevent the same from folding when it is not so desired; and also in the combination, with a hollow button-head and a hollow or slotted shank, of a spring-supported disk adapted to fit in the hollow button-head and move therein in the direction of the shank, two shoes hinged to the shank, extensions formed on said shoes, and a forked rod to which the shoes are pivoted and which connects the same with the spring-supported disk.

In the accompanying drawings, Figure 1 represents a vertical section in the plane  $y y$ , Fig. 3, showing the button-shoes extended. Fig. 2 is an end elevation, part in section, showing the shoes folded. Fig. 3 is an inverted plan view showing the shoes extended. Fig. 4 is a side elevation showing the shoes folded. Fig. 5 is an elevation of the spring-supported disk and the folded rod connected therewith.

Similar letters indicate corresponding parts.

In the drawings, the letter A designates a hollow or slotted shank of a button, having rigidly secured to one of its ends a hollow button-head, B, and into said button-head is fitted a disk, C, which is adapted to move therein in the direction of the shank. This disk C is supported on a spiral spring, D, which fits in the shank, being supported on suitable ledges, Figs. 1 and 4, formed by recesses in the shank A, and it surrounds a forked rod, E, which is secured to the spring-supported disk. To the lower end of the shank are pivoted, at  $a a'$  and  $b b'$ , the button-shoes F F', which shoes are also hinged at  $c c'$  and  $d d'$  to the prongs of the forked rod E. Each of the aforesaid shoes F F' is provided with an extension, G G', which projects out beyond the line of hinging, a corresponding

recess,  $g g'$ , being cut in each of the shoes, into which the extensions project.

When the spring-supported disk is depressed, the shoes F F' are folded, as shown in Figs. 2 and 4, and the button can be inserted in a cuff or the like, and on releasing the disk the same is raised in its normal position, and the shoes F F' are extended, Figs. 1 and 3. It is now evident that if by any means the disk C should be involuntarily depressed while the button is in use, for instance, as a cuff-button, or if the button-head should be violently pulled, the shoes F F' would tend to fold, and the button would be drawn out or fall out of the button-hole; but this is prevented by the extensions G G' on the said shoes, which in such a case will strike against the material of the cuff on both sides of the button-hole and prevent the leaves from folding to any appreciable extent, while when it is desired to remove the button from the cuff it is necessary only to push the button itself inward far enough to allow the extensions on the shoes to clear the cuff and then cause the shoes to be folded.

The application of shoes formed as shown and described to a cuff-button or the like in which the leaves are hinged and in which previously the resistance of a spring was relied upon to keep the shoes extended removes all source of annoyance caused by the falling out of the buttons, while it does not complicate the same or add to the trouble of insertion or removal.

I do not confine the use of my improved button-shoes to the cuff-button hereinbefore described, as they can be applied to any button provided with hinged button-shoes which are extended or folded either by pressing upon the disk or by pulling or pressing upon thumb-pieces projecting from the sides of the button-head.

What I claim as new, and desire to secure by Letters Patent, is—

1. The combination, with a cuff-button or the like, of the hinged shoes F F', means for extending or folding these shoes, and the extensions G G' formed on the same, substantially as and for the purpose specified.

2. The combination, substantially as hereinbefore described, with the hollow button-head

and a hollow or slotted shank, of a spring-  
supported disk C, adapted to fit in the hollow  
button-head and move therein in the direction  
of the shank, two shoes, F F', hinged to the  
5 shank, the extensions G G' formed on said  
shoes, and a forked rod to which the shoes are  
pivoted and which connects the same with the  
spring supported disk.

In testimony whereof I have hereunto set my  
hand and seal in the presence of two subscrib- 10  
ing witnesses.

CHARLES F. VEIT. [L. S.]

Witnesses:

W. HAUFF,

A. FABER DU FAUR, Jr.