

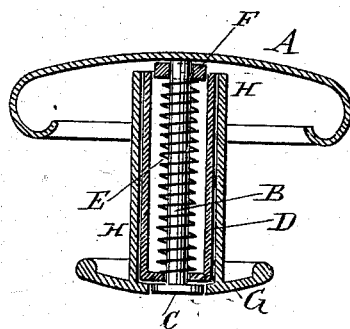
(No Model.)

N. TAYLOR.  
SEPARABLE BUTTON.

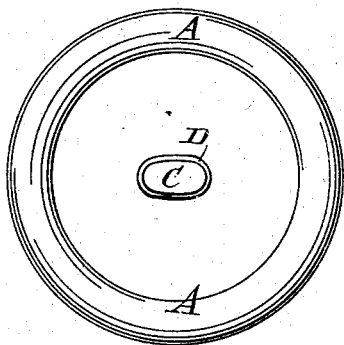
No. 263,626.

Patented Aug. 29, 1882.

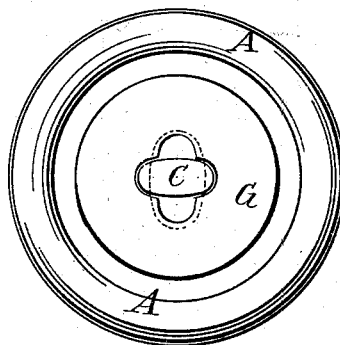
*Fig: 1.*



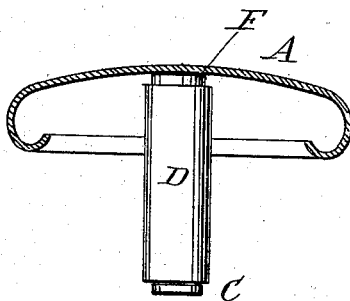
*Fig: 3*



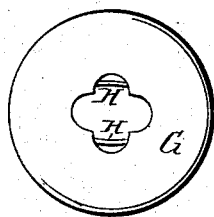
*Fig: 2*



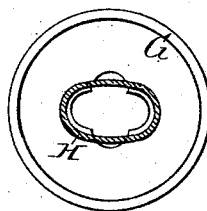
*Fig: 4*



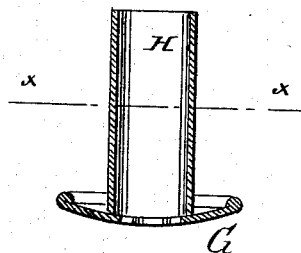
*Fig: 7.*



*Fig: 6.*



*Fig: 5.*



WITNESSES:

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INVENTOR:

*N. Taylor*

BY

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ATTORNEYS.

# UNITED STATES PATENT OFFICE.

NAJAH TAYLOR, OF NEW YORK, N. Y.

## SEPARABLE BUTTON.

SPECIFICATION forming part of Letters Patent No. 263,626, dated August 29, 1882.

Application filed June 24, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, NAJAH TAYLOR, of the city, county, and State of New York, have invented a new and useful Improvement in Separable Buttons, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a sectional elevation of my improvement. Fig. 2 is a plan view of the button seen from its foot. Fig. 3 is a plan view of the inner side of the button-head and its stem. Fig. 4 is a side elevation of the same, the head being shown in section. Fig. 5 is a sectional side elevation of the foot and its hollow stem. Fig. 6 is a plan view of the inner side of the same, the hollow stem being shown in section through the line *xx*, Fig. 5. Fig. 7 is a plan view of the button-foot.

The object of this invention is to promote simplicity of construction, convenience of manipulation, and safety in the use of separable buttons.

The invention consists in a separable button constructed with a head having a rigid stem provided with an oblong disk, and a foot having a recessed aperture and an oblong hollow stem. Upon the head-stem is placed an oblong sleeve and a spiral spring, whereby the parts of the button can be readily locked and unlocked, and when locked will be held securely in place, as will be hereinafter fully described.

A represents the head of the button, which may be of any of the ordinary constructions.

To the center of the lower side of the head A is soldered or otherwise attached a stem, B, having a small oblong disk, C, attached to its lower end. Upon the stem B is placed an oblong sleeve, D, a little shorter than the stem B, and having its inner end open. The outer end of the sleeve D is closed, and has a hole formed through its center for the passage of the stem B. The outer end of the sleeve D is made a little larger than the disk C, so as to project beyond and form a narrow shoulder all around the said disk when the longer diameters of the said sleeve and disk are parallel with each

other, as shown in Figs. 1, 3, and 4. The outer end of the sleeve D is held out against the disk C by a spiral spring, E, placed upon the stem B, with its outer end resting against the closed outer end of the said sleeve, and its inner end resting against a block, F, of the same shape as the said sleeve, and of such a size as to fit into the inner end of the sleeve to center it upon the stem B and prevent an opening from being formed at the inner end of the sleeve. The block F is loose upon the stem B, so that it will turn with the sleeve D.

G is the foot of the button, which may be of any of the ordinary constructions. In the center of the foot G is formed an opening of such a shape as would be produced by forming two apertures through the said foot of the shape and size of the disk C and crossing each other at right angles at their centers.

To the inner side of the foot G is attached a hollow oblong stem, H, of such a size as to receive and fit upon the sleeve D, as shown in Fig. 1, and of such a length that when placed upon the said sleeve D its free end will be flush with the inner end of the said sleeve, as shown in Fig. 1. The hollow stem H is attached to the foot G in such a position that its longer diameter will be parallel with one of the longer diameters of the opening through the said foot, so that the inner edge of the foot G will project, as shown in Fig. 6, for the end or shoulder of the sleeve D to strike against, as shown in Fig. 1. With this arrangement, the shorter diameter of the hollow stem H will be parallel with the other longer diameter of the opening in the foot G, so that the side edges of the end of the said hollow stem will cross two opposite recesses of the opening in the foot G, as shown in Figs. 6 and 7. With this construction, when the sleeve D is inserted in the hollow stem H the end or shoulder of the said sleeve will strike against the inwardly-projecting edge of the foot G. Then by pressing down upon the head A the disk C will project through the aperture in the foot G, and by turning the head A through a quarter of a revolution the end parts of the disk C will enter the other recesses of the aperture through the foot G, and will rest upon the side parts of the end edge of the hollow stem H, locking the

parts of the button together. The parts of the button are separated by pressing the head downward to raise the disk C above the foot G, and then turning the head through one-quarter of a revolution, when the head and its attachments can be withdrawn from the foot G and hollow stem H.

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

1. A separable button constructed substantially as herein shown and described, and consisting of the head A, having stem and disk B C, the oblong sleeve D, and the spiral spring

E, and the foot G, having recessed opening, and provided with the oblong hollow stem H, as set forth.

2. In a separable button, the combination, with the head A, the stem B, the oblong sleeve D, and the spiral spring E, of the loose oblong block F, substantially as herein shown and described, whereby the said sleeve will be centered upon the said stem, as set forth.

NAJAH TAYLOR.

Witnesses:

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C. SEDGWICK.