(No Model.)

T. JARVIS.

SEPARABLE BUTTON.

No. 279,568. Patented June 19, 1883.

Fig. 1.

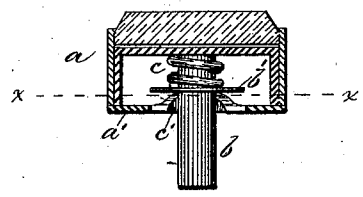


Fig. 2.

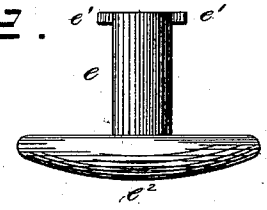


Fig. 3.

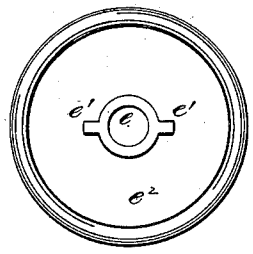
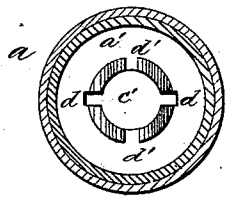


Fig. 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

THOMAS JARVIS, OF CHICAGO, ILLINOIS.

SEPARABLE BUTTON.

SPECIFICATION forming part of Letters Patent No. 279,568, dated June 19, 1883.

Application filed March 30, 1883. (No model.)

To all whom it may concern:

Be it known that I, THOMAS JARVIS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Separable Buttons, of which the following is a specification, to wit:

This invention relates to an improvement in separable buttons; and it consists in certain peculiarities of construction and arrangement, substantially as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention relates to make and use the same, I will now proceed to describe its construction and operation, referring to the accompanying drawings, in which—

Figure 1 is a vertical section of the head of my improved button. Fig. 2 is an elevation of the shank; Fig. 3, a plan view of the same, and Fig. 4 a cross-section of the head on the line *x x* in Fig. 1.

a represents the head of the button, provided with any suitable setting or ornamentation, and formed hollow, as shown. This head is provided with a solid arm, *b*, extending through the lower plate, *a'*, thereof, and around the arm is placed a loose plate or washer, *b'*, between which and the top of the head is placed a coiled spring, *c*, adapted to press this plate constantly down upon the bottom plate, *a'*, of the head *a*.

In the bottom *a'*, around the arm *b*, is formed a circular opening, *c'*, having two lateral slots, *d*, as represented in Fig. 4. The edges of the opening *c'* are struck upward within the head to form two double inclines—one upon each side—having a central notch, *d'*, at right angles to the lateral slots *d*.

e represents the shank of the button, formed hollow, with its small projections *e'* at its upper end, and provided with the disk e^2, as shown.

The two parts of the button being placed together, with the arm *b* within the hollow shank *e*, and the projections or lugs *e'* registering with the lateral slots *d*, the two are pushed together, pressing back the loose plate *b'* until the lugs *e'* are within the head *a*, when the shank *e* is turned one-quarter way round, the lugs sliding upon the inclines *d'* until they drop back into their notches, where they are held by the spring-actuated plate *c'*, and cannot be accidentally displaced. When it is desired to separate the two parts of the button they are pushed together and turned, as described, until the lugs can be withdrawn through the lateral slots in the head.

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

In a separable button, the head *a*, having arm *b*, loose plate *b'*, spring *c*, and bottom plate, *a'*, formed with opening *c'*, having notched double inclines *d'* struck up from its edges, and lateral slots *d*, in combination with the shank *e*, provided with lugs *e'* and disk e^2, substantially as and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

THOMAS JARVIS.

Witnesses:

J. E. STEVENSON,

CHAS. KRESSMANN.