No. 878,149. PATENTED FEB. 4, 1908.

T. J. McGOVERN.

BUTTON.

APPLICATION FILED MAY 11, 1906.

Fig. 1.

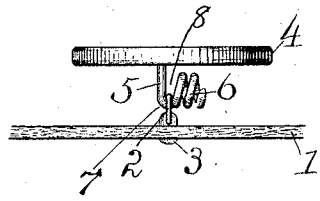


Fig. 2.

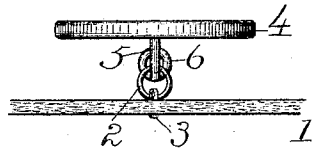
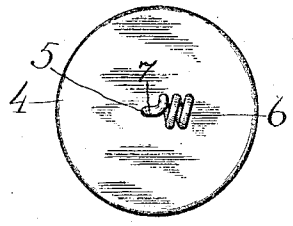


Fig. 3.



Witnesses.

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BUTTON.

No. 878,149. Specification of Letters Patent. Patented Feb. 4, 1908.

Application filed May 11, 1906. Serial No. 316,418.

To all whom it may concern:

Be it known that I, THOMAS J. McGOVERN, a citizen of the United States, and a resident of Hartford, in the county of Hartford and State of Connecticut, have invented and produced a new and Improved Button, of which the following is a specification.

My improvement relates more especially to that class of devices known as removable or detachable buttons, and the object of my invention is to provide a button of this kind which may be readily detached from or replaced on a garment; and a further object of the invention is to provide a means of attachment which shall not injure the fabric composing the garment to which the button is attached; and a further object of the invention is to provide a button which will not become accidentally detached from the garment.

A form of device in the use of which these objects may be attained is illustrated in the accompanying drawings, in which—

Figure 1 is a view in elevation of my improved button shown as attached to a piece of fabric. Fig. 2 is a similar view but in a plane at right-angles to the plane of view of Fig. 1. Fig. 3 is a bottom view of the button.

In the accompanying drawings the attaching means formed of wire and secured to the button has been shown of a somewhat relatively larger size in proportion to the button than will be employed in actual practice, this to better illustrate my invention.

The terms "top" and "bottom" are used herein with respect to the button, the button being considered as at the top of the shank. The numeral 1 denotes a piece of fabric to which the button is to be attached, and 2 denotes a ring or eye serving as a means for attachment. This ring will be of a size to readily receive the wire composing the shank of the button, the ring being secured in place as by means of threads 3 sewed through and through the fabric and passing through the ring.

The button 4 is located at the top of a shank or stem 5. This shank extends downward and at its lower end is bent to form a neck 7. The wire beyond the neck is formed into a spiral 6, this spiral being located above the lower end of the shank, the latter in fact being located transversely to the axis of the spiral, in the preferred form and as shown herein, being located diametrically of the spiral. This location of the spiral or lock above the lower end of the shank forms a space 8 within which the ring or eye 2 is located in such position as to allow movement of the button in all directions to properly perform its functions and at the same time prevent accidental disengagement of the ring.

I am aware that structures have heretofore been provided in which the ring or eye is located within the turns of the spiral, and I do not desire or intend to include within my invention such a construction, the present invention contemplating the formation of a loop located beyond the spiral and within which the eye or ring is held when the button is in place.

In inserting the button in place the fabric may be folded to permit the lock or spiral to be screwed into the eye, and it will be readily seen that rotation of the button, especially when it is inserted through the button-hole, can not take place, and also that when detached from the button-hole turning movement of the button will not readily displace it for the reason that the eye is located in a space or opening located beyond the coils of the spiral. At the same time the construction provides a ready means for attachment of the button to the fabric or removal therefrom for the obvious purposes to which said device is adapted.

I claim—

1. A button having a stem extending from the back thereof, a spirally arranged coil located to provide a space therebetween and the stem, said stem extending transversely of the axis of the coil, and a neck connecting the lower end of the stem and coil.

2. A button, a stem extending from the back thereof, a spirally arranged coil extending above the lower end of the stem to form a space therebetween and said stem, the latter extending diametrically of the coil; and a neck connecting said coil and the lower end of the stem.

3. A button, a stem extending from the back thereof, a spirally arranged coil located above the lower end of the stem and providing a space between said stem and coil, and a neck uniting said coil and the lower end of the stem.

THOMAS J. McGOVERN.

Witnesses:

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