

No. 876,242.

PATENTED JAN. 7, 1908.

K. SCHUSTER.
BUTTON.

APPLICATION FILED JULY 15, 1907.

Fig. 1.

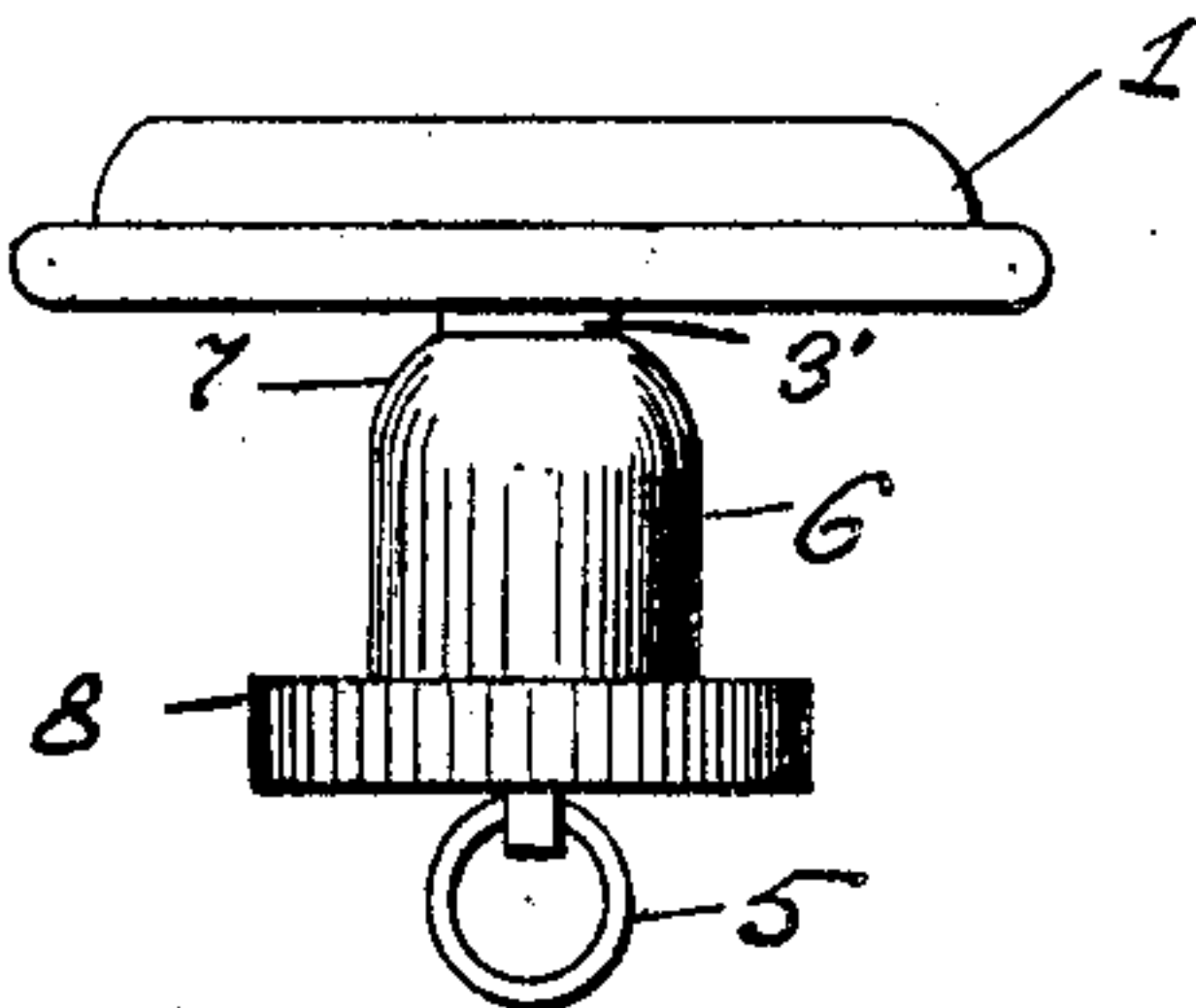


Fig. 4.

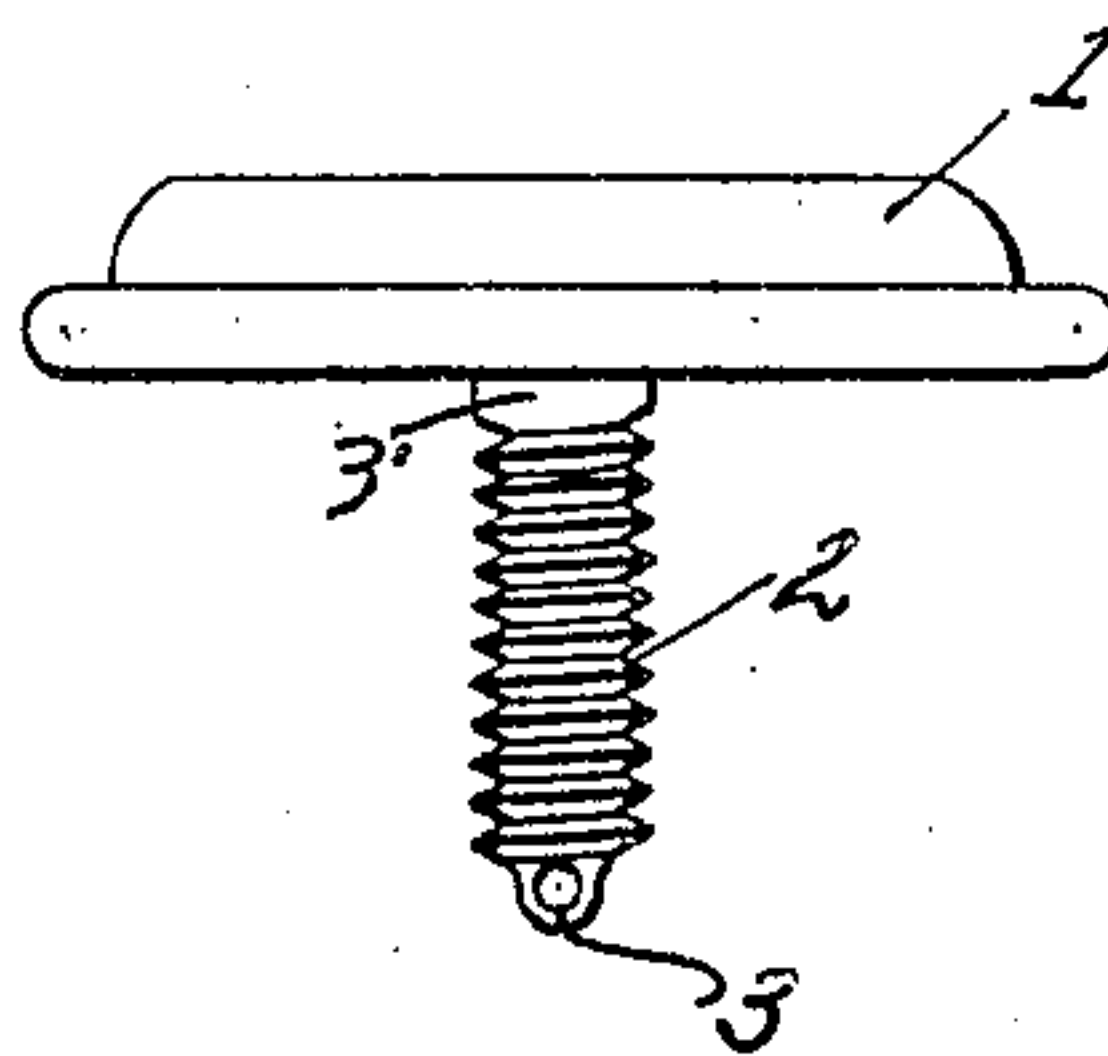


Fig. 2.

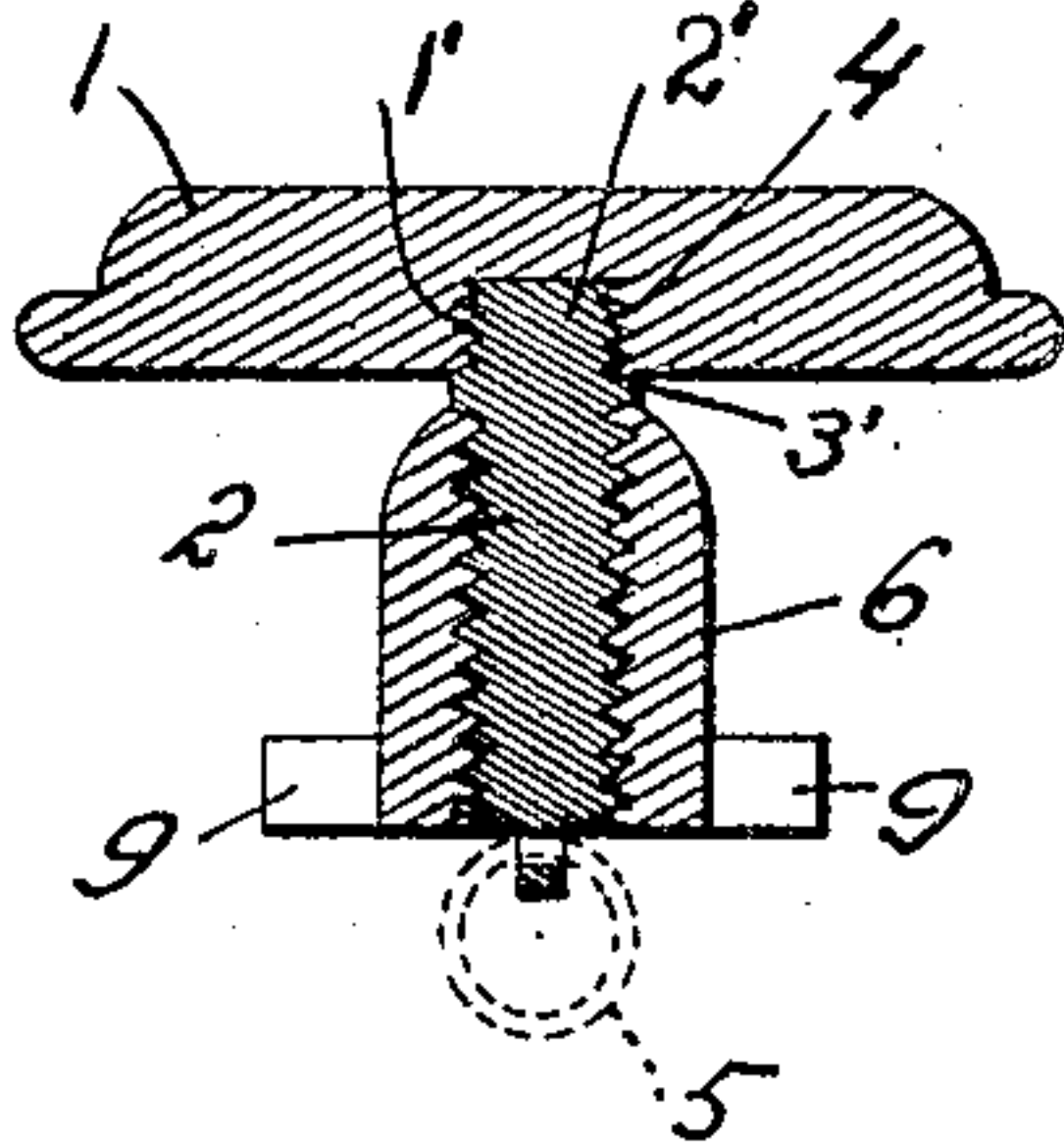


Fig. 5.

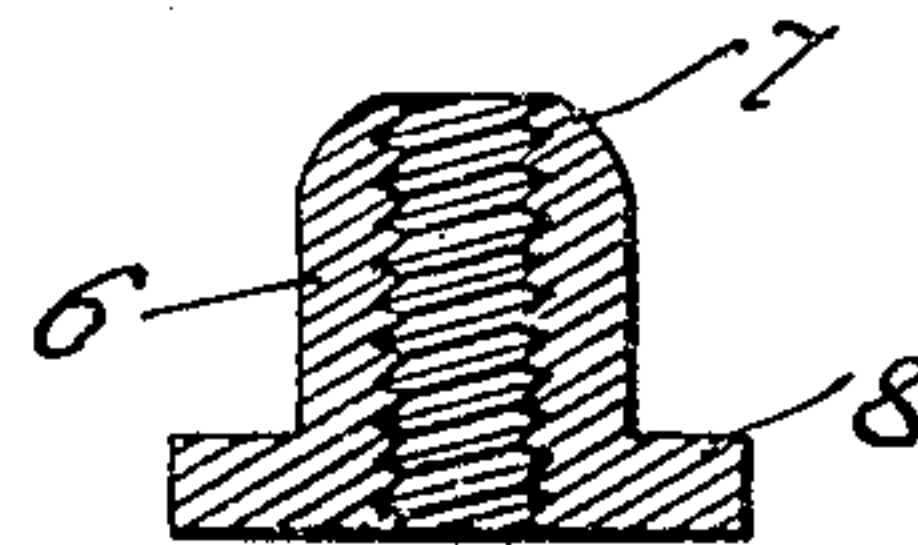


Fig. 3.

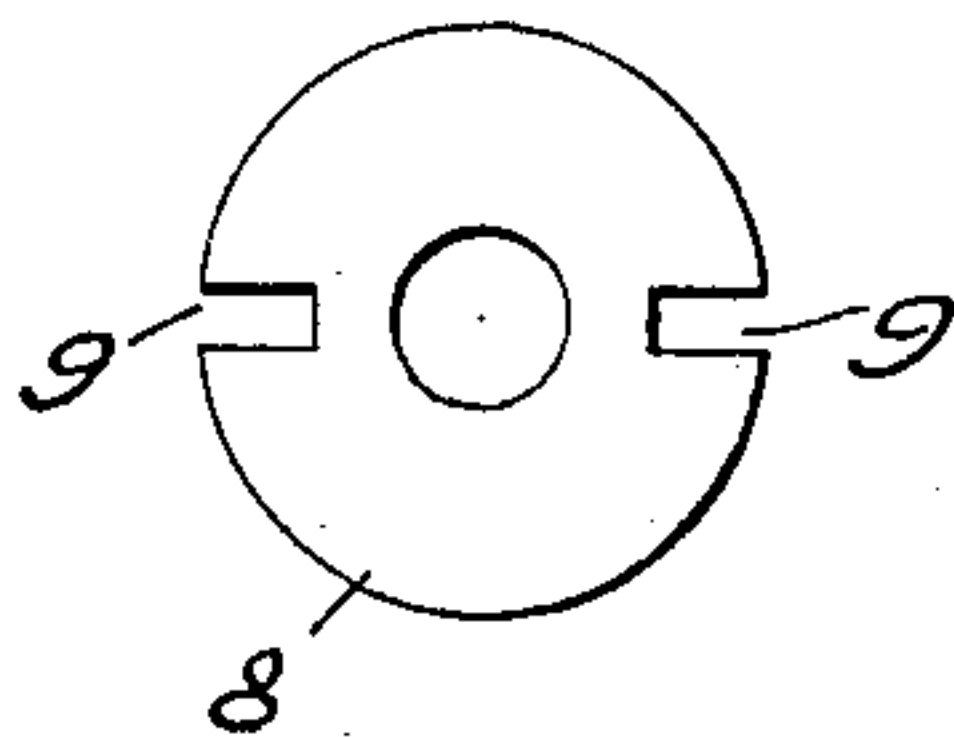
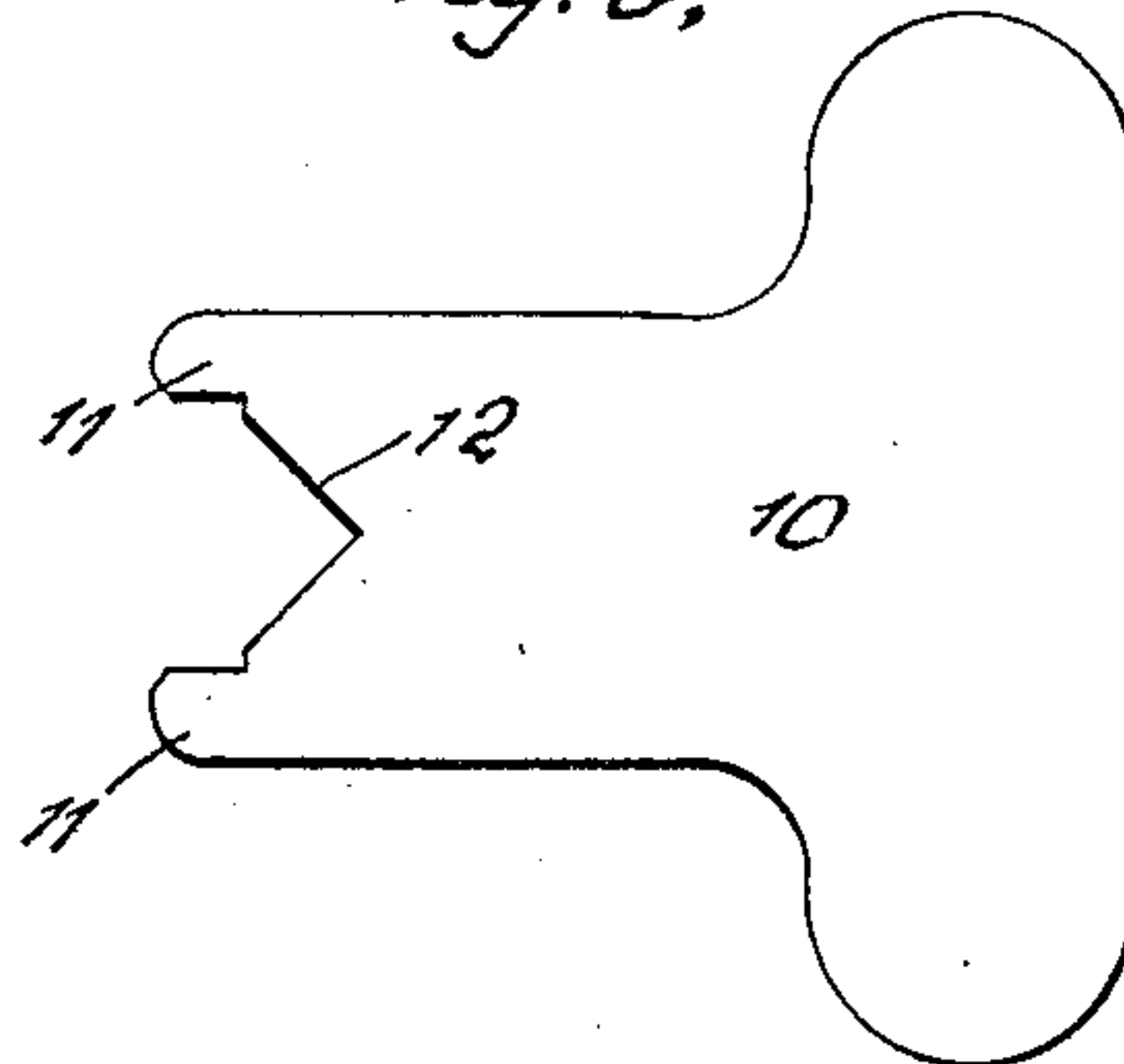


Fig. 6.



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UNITED STATES PATENT OFFICE.

KARL SCHUSTER, OF OAKMONT, PENNSYLVANIA.

BUTTON.

No. 876,242.

Specification of Letters Patent.

Patented Jan. 7, 1908.

Application filed July 15, 1907. Serial No. 383,735.

To all whom it may concern:

Be it known that I, KARL SCHUSTER, a subject of the Emperor of Germany, residing at Oakmont, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Buttons, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to improvements in buttons, and the invention has for its object to provide a novel button that can be easily and quickly secured to a piece of fabric without the use of a needle or thread.

Another object of this invention is to provide a strong and durable button that can be connected to a piece of fabric without tearing or injuring the same, otherwise than providing an opening for the shank of the button.

With the above and other objects in view, which will more readily appear as the invention is better understood, the same consists in the novel construction, combination and arrangement of parts, to be hereinafter more fully described, and then specifically pointed out in the appended claims.

In the drawings, Figure 1 is an elevation of the button, Fig. 2 is a vertical sectional view of the same, Fig. 3 is a bottom plan view of the securing nut of the button, Fig. 4, is an elevation of the button head or body and shank, Fig. 5 is a vertical sectional view of the securing nut, and Fig. 6 is a plan of a wrench used for locking the nut upon the button shank.

The button comprises a head or body 1 provided on its inner face with a central threaded recess 1'. The button shank 2 is separate from the button head or body 1, being provided with a threaded inner end 2' to engage in the threaded recess 1' in the inner face of the button body or head. The said shank is also provided with an integral annular collar or abutment 3' at the outer end of the threaded portion 2' which engages with and abuts against the inner face of the button head or body 1. Beyond this collar or abutment the shank is threaded to its outer end, and is provided at said outer end with an eye 3.

The shank of the button is secured in the material through which it is passed by means of a nut 6, the inner end of which nut is tapered as shown at 7, and which nut is of a length to completely inclose the exteriorly

threaded outer portion of the shank. The inner end of the nut abuts against the collar or abutment 3', and at its outer end, said nut is provided with an annular flange or head 8 having notches 9 at the opposite sides of the periphery thereof.

The nut can be easily secured upon the shank 2 by hand, but in order to firmly tighten the same I usually employ a wrench 10 such as shown in Fig. 6 of the drawings. This wrench is provided with lugs 11 to engage in the notches 9, and is cut away as at 12 to provide sufficient clearance for the eye 3. After the nut has been firmly secured in position, it may be held against accidental displacement by means of a split ring 5 or equivalent device inserted in the eye 3.

To place the button in position, it is the general practice to first provide an opening through the material to which the button is to be attached to accommodate the threaded shank 2, and then the nut 6 is secured upon the shank, the tapering end 7 of this nut causing it to force its way through the opening in the material until the nut is firmly seated in position. As the nut 6 is of a length as to substantially inclose the threaded portion of the shank 2 the threads on the shank cannot damage the material through which the shank is passed, and the suspender loop or other device which is slipped over the button head will engage with the collar or abutment 3' and thus is also protected from the threads of the button shank.

My button is particularly designed to be used in case an ordinary sewed-on button should become accidentally detached at any time. My button can be easily and quickly placed in position to serve functionally the same purpose as a sewed-on button.

The button body can be suitably ornamented and can be constructed of metal, this also being true of the nut or the remainder of the button.

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

1. A button comprising a head having a threaded recess in its inner face, a shank threaded into said recess and having an annular abutment engaging the inner face of the button head, the said shank having an eye at its outer end and provided with threads between said eye and the annular abutment, a nut engaging the threads of said shank and equal in length to the threaded portion of the

shank between the annular abutment and the eye, a notched annular flange or head on the outer end of said nut, and means engaging in the eye of said shank for securing the nut
5 thereon.

2. A button comprising a head provided on its inner face with a threaded recess, a shank threaded into said recess and having an annular abutment engaging the inner face
10 of the button head, said shank having an eye at its outer end and provided with threads between said eye and the annular abutment, a nut engaging the threads of said shank and equal in length to the threaded portion of the

shank between the annular abutment and 15 the eye, the inner end of said nut being tapered and said inner end engaging the annular abutment of the shank, a notched annular flange or head on the outer end of said nut, and means engaging in the eye of said shank 20 for securing the nut thereon.

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

KARL SCHUSTER.

Witnesses:

MAX H. SROLOVITZ,

A. J. TRIGG.