Oct. 14, 1924. 1,511,445

R. CLARKSON

SEPARABLE BUTTON

Filed Aug. 2, 1921

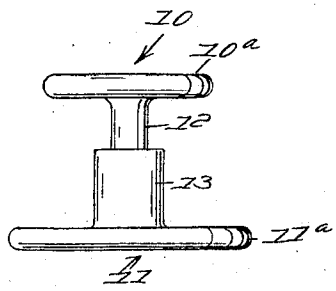


Fig. 1.

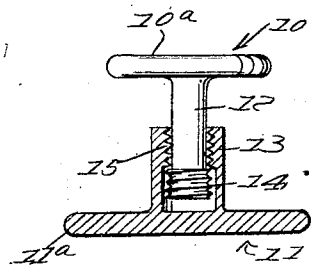


Fig. 2.

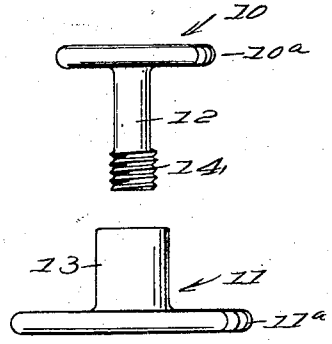


Fig. 3.

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UNITED STATES PATENT OFFICE.

ROBERT CLARKSON, OF ANNISTON, ALABAMA.

SEPARABLE BUTTON.

Application filed August 2, 1921. Serial No. 489,282.

To all whom it may concern:

Be it known that ROBERT CLARKSON, a citizen of the United States of America, residing at Anniston, in the county of Calhoun and State of Alabama, has invented new and useful Improvements in Separable Buttons, of which the following is a specification.

The object of the invention is to provide a simple, inexpensive and efficient construction of button adapted for use either as a stud to carry a setting or as a garment button and designed while having separable elements to permit of attachment to and removal from the garment without resort to stitching to remain permanently engaged with the garment until manually removed with the minimum of risk of accidental disengagement; and furthermore to provide a button of the type indicated which can be constructed at a relatively small cost not materially exceeding that of buttons and like fastening means of the present commercial forms; and with these objects in view the invention consists in a construction and combination of parts of which a preferred embodiment is shown in the accompanying drawings, wherein:

Figure 1 is a side view of a button embodying the invention.

Figure 2 is a sectional view of the same.

Figure 3 is a view thereof with the parts separated.

The button members 10 and 11 respectively embodying the head or front 10^a and the back or base 11^a include the stem members 12 and 13 which are of telescoping construction preferably with the stem 12 of the head member of a diameter adapting it to fit into the tubular stem member 13 of the back or base member. The stem member of the head is provided with a threaded terminal 14 for engagement with the interiorly threaded terminal portion 15 of the back or base stem member to permit of engaging and disengaging said stem members by a relative or rotary threaded movement thereof, and the portion of the bore of the base or back stem member adjacent to the plane of the base or back is enlarged to form a seat 15 adapted to receive the threaded terminal of the head stem member after the latter has been screwed into and through the threaded terminal portion of the base or back stem member.

When the members of the button are so united there is a limited freedom of movement of the head and back or base of the button adapting the device to yield to the movements of the wearer or of the garments engaged therewith to the extent of minimizing the tendency to tear out the fabric under strain while the disengagement of said members is rendered practically impossible otherwise than by manually aligning the stems of the members and backing the threaded terminal of the head stem member through the threaded terminal portion of the back stem member.

In other words while the manual engagement and disengagement of the button members is comparatively easy, the preparation of the garment necessary for the reception of the button consisting merely in forming a hole therein, the accidental disengagement and hence displacement or loss of the button is a comparatively remote possibility due to the fact that only by an accurate alignment of the members and an unscrewing movement of one with relation to the other can a disengagement be effected.

Having described the invention, what is cliamed as new and useful is:—

A separable button emboding a duality of members of which each is provided with a stem, the stem of one member being of tubular form and telescopically engaging the stem of the other member, the tubular stem being interiorly threaded and the other stem exteriorly threaded for engagement with the interior threads, the tubular stem below its threads being enlarged to receive the threaded portion of the other stem and the latter back of its threads being reduced to slidingly engage the threads of the tubular stem, whereby swivelled connection between the members is provided which may only be disengaged by relative turning movement of the two members.

In testimony whereof he affixes his signature.

ROBERT CLARKSON.