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1,694,802

C. W. STUART

BUTTON

Filed Feb. 27, 1928

Fig. 1

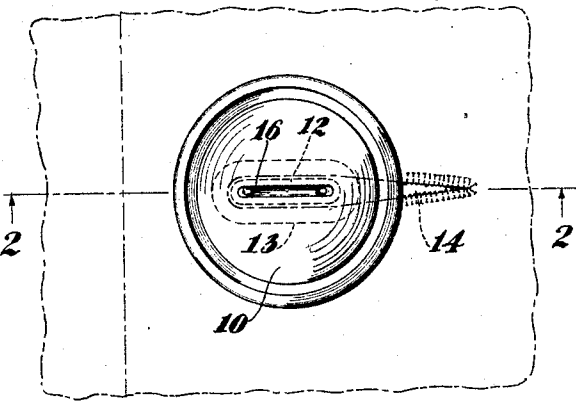


Fig. 2

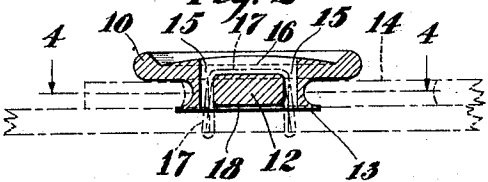


Fig. 3

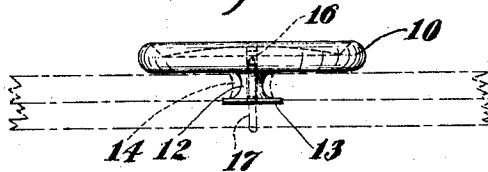
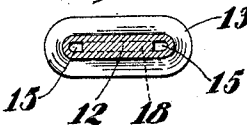


Fig. 4



INVENTOR
Clyde W. Stuart
BY
Adolph K. Thomas
ATTORNEY

UNITED STATES PATENT OFFICE.

CLYDE W. STUART, OF BROOKLYN, NEW YORK.

BUTTON.

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My invention is for a button of novel construction possessing practical advantages not found in buttons heretofore used. The characteristic feature of my new button is an oval or elongated neck having holes for the thread and adapted to fit the button hole substantially without spreading the same. This flat elongated neck has a widened base which the thread holds tight against the garment, so that the button remains firmly in place without wobbling or sagging like the old buttons. The neck of the button holds the head spaced from the garment to permit the same to be easily buttoned, even in the case of thick garments like overcoats, where large buttons are usually needed. In a preferred form of my invention, the base of the elongated neck has a groove for guiding the needle to the thread holes, thereby making it easier to sew the button on.

The foregoing and other advantages of my new button will be fully understood from the accompanying drawings, in which—

Fig. 1 is a face view of my new button, the dot-dash outlines indicating a garment on which the button is sewn;

Fig. 2 represents a cross-section on line 2—2 of Fig. 1;

Fig. 3 is a side view of the button; and

Fig. 4 is a cross-section on line 4—4 of Fig. 2, clearly showing the flatness of the oval or elongated neck.

My new button comprises a head 10 and an oval or elongated neck 12, which terminates in an enlarged base 13. The neck 12 is shown integral with the head and is preferably of flat concave outline, as shown in Figs. 2 and 3, so as to fit a button hole 14 substantially without spreading it. The neck 12 has two or more thread holes 15 arranged in line with the greater diameter of the neck. The button head 10 has a groove 16 for receiving the sewing thread 17 as it passes from one hole to the other. The head 10 may be circular, oval, angular, or of any other practical shape and design.

I may provide a groove 18 in the bottom of base 13 between the holes 15 so as to guide the needle into one hole or the other. By simply feeling for the groove 18 with the needle point, the latter is easily guided to the right hole.

It is clear from Figs. 1 and 4 that the elongated neck 12 is just wide enough to receive the button hole without spreading it; or at

least, if any spreading occurs, it is so little as to be negligible. This is very important, for a button that keeps the button hole spread apart is impractical. The length of neck 12 extends along the button hole and the rounded ends of the neck fit the rounded end of the button hole. This button is very easy to sew on, and it can be done in much less time than it takes to sew on the old style buttons where the thread must be wound around many times to hold the button spaced from the cloth. In my button there is practically no wear on the thread, since the button hole does not come in contact with it. The base 13 of the neck need not be elongated but may be circular, since it is outside the button hole and cannot spread it. Although I have shown only two thread holes, it is evident that three and even more holes can be used, especially in unusually large buttons. The cross groove 16 keeps the thread below the surface of the button head 10, whereby the exposed portion of the thread is not subject to wear by frictional contact, as would happen if the thread projected beyond the head of the button.

My new button is preferably made in a single piece, as by molding, casting or in any other practical way, and the material used may be metallic, non-metallic, or a combination of several different materials. For instance, the head may be plated metal and the neck of non-metallic material. In the more expensive and larger buttons, the top may be an inset of suitable color and decoration.

My invention is not limited to the exact details shown, for changes and modifications may be made without departing from the scope of the invention as defined in the following claims.

I claim as my invention:

1. A button adapted to be sewed on cloth comprising a head having a flat oval neck with concave sides and ends for receiving a button hole substantially without spreading it, said neck terminating in an enlarged base and having holes through which the sewing thread passes, said base being substantially flat so as to lie firmly against the fabric and thereby hold the button from sagging.

2. A button adapted to be sewed on cloth comprising a head having an elongated neck which terminates in a base and is provided with a plurality of thread holes, the shape of the neck being such as to fit a button hole

substantially without spreading it, said base being substantially flat so as to lie firmly against the fabric and thereby hold the button from sagging.

5 3. A button adapted to be sewed on cloth comprising a head having a flat oval neck with concave sides and ends for receiving a button hole substantially without spreading it, said neck terminating in an enlarged base
10 and having holes through which the sewing thread passes, and a raised rim on the periphery of said head projecting beyond the top cross-thread that passes between the holes.

15 4. A one-piece button comprising a head having an elongated neck which terminates in an enlarged base, the shape of the neck being such as to fit a button hole substantially without spreading it, a plurality of thread

holes passing through the neck, a diametric groove in the head for receiving the cross-
20 thread passing between said holes, so that the cross-thread is below the top surface of the button, and a groove in the bottom of said base to guide the needle to the thread holes.

25 5. A button adapted to be sewed on suitable material, comprising a head having an elongated neck which terminates in a base and is provided with a plurality of thread holes, the shape of the neck being such as to
30 fit a button hole substantially without spreading it, said base being adapted to lie firmly against the material and thereby hold the button from sagging, and means for guiding the needle into the thread holes at the base.

CLYDE W. STUART.