

April 20, 1926.

1,581,706

F. R. WHITE
TWO-HOLE BUTTON
Filed Nov. 16, 1925

Fig. 1.

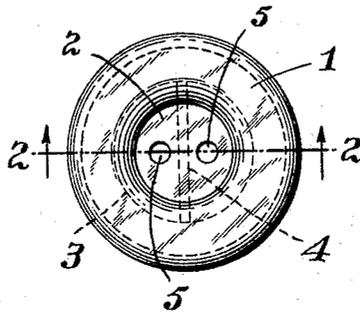


Fig. 2.

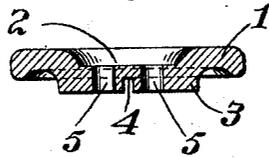
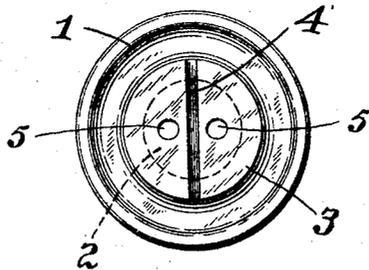


Fig. 3.



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UNITED STATES PATENT OFFICE.

FRANKLIN R. WHITE, OF WATERBURY, CONNECTICUT, ASSIGNOR TO THE PATENT
BUTTON COMPANY, OF WATERBURY, CONNECTICUT, A CORPORATION OF CON-
NECTICUT.

TWO-HOLE BUTTON.

Application filed November 16, 1925. Serial No. 69,318.

To all whom it may concern:

Be it known that I, FRANKLIN R. WHITE, a citizen of the United States of America, residing at Waterbury, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Two-Hole Buttons, of which the following is a specification.

My invention relates to new and useful improvements in two hole buttons and more particularly to buttons that are so constructed that they may be placed in a button sewing machine, and due to their peculiar construction, the buttons will be so guided, controlled and located while within the machine that the holes in the buttons will be directly under the needle or needles.

In most instances when buttons are used with automatic sewing machines, it is necessary to provide a more or less complicated mechanism to grasp the button, jar it, or partly revolve it until the holes will be in perfect alignment with the needle or needles.

The present invention has to do with forming a button, the hub of which is so cut or shaped that when the button is placed in the button sewing machines, and the button passes down the chute, it will be guided, controlled and located, due to the shape of the hub and to certain co-operating mechanism of the machine (not shown).

The present application is a companion case of several others filed by me of even date herewith, to wit, Serial Nos. 69,319; 69,320; 69,321 and 69,322.

With these and other objects in view, the invention consists in certain new and novel arrangements and combination of parts as will be hereinafter more fully described and pointed out in the claims.

In the drawings,

Fig. 1 is a top plan view of my improved button, the dotted lines showing the slot or groove formed in the under surface of the hub.

Fig. 2 is a sectional view taken on line 2—2 of Fig. 1, and

Fig. 3 is a plan view of the under surface of the button.

Referring now more particularly to the drawings, there is shown a circular button comprising the body portion 1, which is

slightly depressed as at 2, and the downwardly extending hub 3, the hub merging at its upper portion with the body as may be clearly seen in the several views.

This hub 3 is circular in outline, and is provided with the groove or slot 4 which extends completely across the hub and its purpose is to engage a finger or a lug or a projection in an automatic button machine, so that as the button is fed from the machine the groove 4 will properly position, guide, or in other words, control the path of movement of the button to the needle or needles.

As may be clearly seen from the several views, I provide two holes 5 extending through the hub of the buttons as these buttons are of the two-hole sew-on type, and these holes are to be located on the opposite sides of this groove, and if a line is drawn at right angles to the groove at the center of the hub, it will pass through the centers of the two holes 5.

This button may be formed of wood, metal, bone or other suitable material, as the particular material of which it is formed does not enter into the invention.

It will also be understood that the shape of the body 1 is not important, nor the depth of the rim, but it is important that the hub project below the undersurface of the rim, that the hub be circular in outline, that the small groove or slot extend completely across the hub, and that the holes be located as above described.

It will also be understood that a button formed in this manner may be placed in an automatic button sewing machine so that when the groove or slot cooperates with a part of the button sewing machine, the button will be correctly guided to its point of attachment with the garment.

Many slight changes might be made without in any way departing from the spirit and scope of the invention.

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

1. A two hole button comprising a body portion and a circular hub, a groove extending across the center of the hub and between said holes and at right angles to a line drawn through the centers of said holes

the said groove adapted to guide and control the button when placed in a button sewing machine.

2. A button comprising a body portion and a hub circular in outline, a groove extending across the hub, the hub provided with two holes, said groove positioned at right angles to a line drawn through the centers of said holes and the said holes lo-

cated diametrically opposite each other and on the opposite side of the center of the button and on the opposite side of the said groove, the said groove adapted to guide and control the button when in a button sewing machine.

In testimony whereof I affix my signature.

FRANKLIN R. WHITE.