No. 685,307. Patented Oct. 29, 1901.

H. F. STOWELL.

BUTTON.

(Application filed Dec. 17, 1900.)

(No Model.)

Fig. 1.

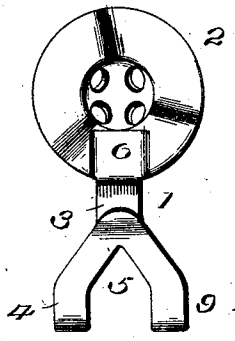


Fig. 8.

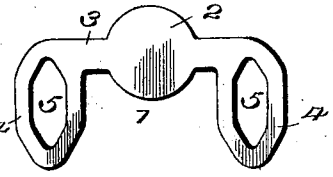


Fig. 2.

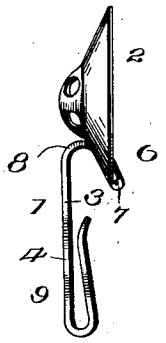


Fig. 3.

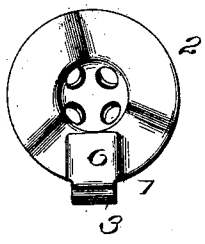


Fig. 9.

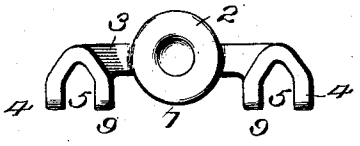


Fig. 4.

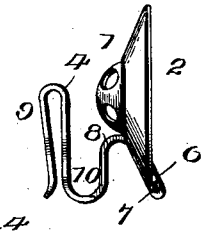


Fig. 6.

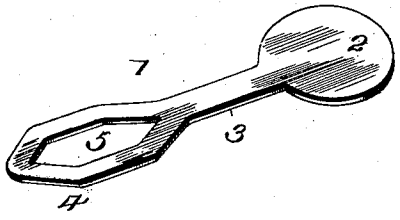


Fig. 5.

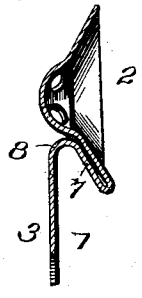
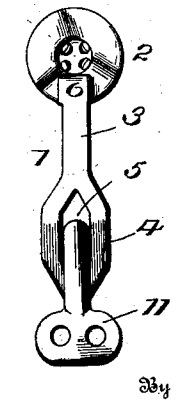


Fig. 7.



Witnesses
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UNITED STATES PATENT OFFICE.

HENRY F. STOWELL, OF ROCHESTER, NEW YORK.

BUTTON.

SPECIFICATION forming part of Letters Patent No. 685,307, dated October 29, 1901.

Application filed December 17, 1900. Serial No. 40,204. (No model.)

To all whom it may concern:

Be it known that I, HENRY F. STOWELL, a resident of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Buttons; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same.

The invention relates to buttons, and has for its object to provide buttons with an efficient and economical attachment for the support of drawers and for like purposes.

The invention consists in the construction herein described and pointed out.

In the accompanying drawings, Figures 1 and 2 are respectively front and side elevations of a button with the improved attachment. Figs. 3 and 4 are respectively similar views of a modified form of the same. Fig. 5 is a partial central longitudinal section of the form shown in Figs. 1 and 2. Fig. 6 is a blank suitable for forming either form of the device. Fig. 7 is an elevation of a third form made from the same blank and combined with a hook. Fig. 8 is a plan of a blank for forming a button with two hooks, and Fig. 9 is a plan of a button with hooks formed from said blank.

Numeral 1 denotes a blank having a circular part 2, adapted to be formed into a button of usual form, except as modified by an extension 3, having an approximately oval end 4, cut away at 5 to lighten the weight and also for a further purpose to be described.

The button primarily intended for trousers has, as shown in the present instance, an approximately concavo-convex form and is provided with usual thread-holes.

6 denotes an offset on the inner or convex side of the button to receive a part of the extension or hook-shank 3, connected to the periphery of the button by a bend 7. Said fold terminates in a bend 8, which bend connects the fold with a pendent hook 9 to receive a tape or like device for making connection with drawers or other garments.

As represented in Figs. 1 and 2, the hook 9 hangs straight down from the button proper, and this form is designed for use when the button is to be sewed or otherwise secured to the inside of trousers or the like.

To adapt the article for use on the outside, it may be provided with another open bend 10, as indicated in Figs. 3 and 4. This bend is designed to receive the upper edge of a waistband when the button is attached exteriorly, in which case the hook 9 will depend within the trousers, as in the first case.

The improved construction obviates the usual effect of the customary connection consisting of a tape attached to the drawers and passed over the suspender-ends before they are connected with the buttons, which connection tends to roll the waistband inwardly and hold the button in a horizontal situation, with its edge against the person of the wearer, resulting in great discomfort and interfering with the proper "hang" or "set" of the trousers.

The particular form of hook shown is not essential, neither is the opening 5 therein, though the latter diminishes the weight of a hook having a relatively wide bearing for tape. It also provides for the convenient passage of the needle in sewing on the form illustrated in Figs. 3 and 4.

The device would be operative were no offset provided to receive the extension-fold; but the construction described is preferred, because it avoids interference with the suspender-loop.

It is not essential that the inner garment be connected to the pendent hook by means of a tape, and any suitable connection may be employed, and obviously the pendent button extension might be made to connect with an inner garment by engaging any suitable attachment thereon. For example, a hook or button on said garment could be made to engage the opening in the extension, which in such case need not be bent into a hook, and, further, it may be noted that it is not essential that the button and its extension be integral, though that form is preferred.

In Fig. 9 is shown a form wherein a button is provided with two hooks, which in ordinary use will be laterally situated with respect to the button and act to keep a loop of tape extended and effect other obvious useful purposes.

I am aware that it has been proposed to solder or otherwise fix a wire attachment for sustaining drawers to pantaloon-buttons, and such device is not of my invention. It is characteristic of my improvement that a blank is provided of suitable form for producing a pantaloons-button and a drawers-supporter integrally without obstructing use of the button and that the article can be completed by simply bending such blank, and, further, that the blank is adapted to produce a complete article, whether the button be attached to the exterior or to the interior of the pantaloons.

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

1. A button provided with means for attachment to a garment, said button having a pendent hook to receive a garment-supporting tape, said hook having a part of its shank bent against the button and the button having a recess to receive said part to obviate obstruction to the use of the button.

2. A button provided with means for attaching it to a garment and also with a hook fixed to its periphery, said hook having its shank contiguous to the button and adapted to support a garment by suspension without interference with the office of the button.

3. A button consisting of a sheet-metal disk provided with means for attaching it to a garment and also with a hook fixed to its periphery, said hook having its shank contiguous to the button and adapted to support a garment by suspension without interference with the office of the button.

4. For producing an integral sheet-metal pantaloons-button and drawers-supporter by stamping and bending, the sheet-metal button-blank having an extension from its periphery to form a hook-shank and hook, said extension having at its free end an enlargement 4 cut away at 5 whereby it may receive a hook 11, and whereby when a hook is formed by bending the enlarged part of the extension a twofold bearing for a tape is provided.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

HENRY F. STOWELL.

Witnesses:
FAYETTE G. HICKS,
JOHN H. DAILEY.