

No. 775,607.

PATENTED NOV. 22, 1904.

H. T. MURPHY.
COLLAR BUTTON.

APPLICATION FILED NOV. 21, 1903.

NO MODEL.

Fig. 1.

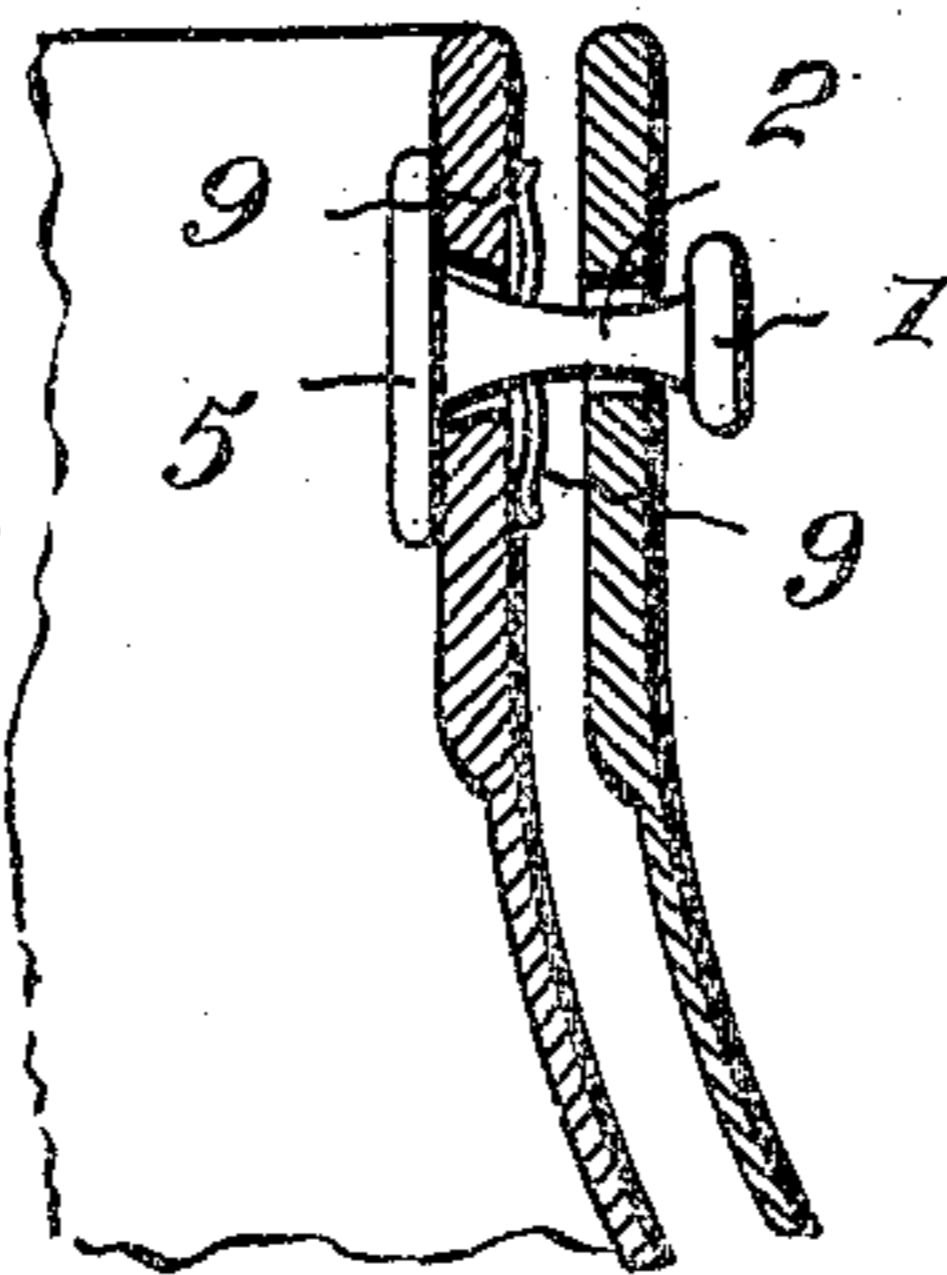
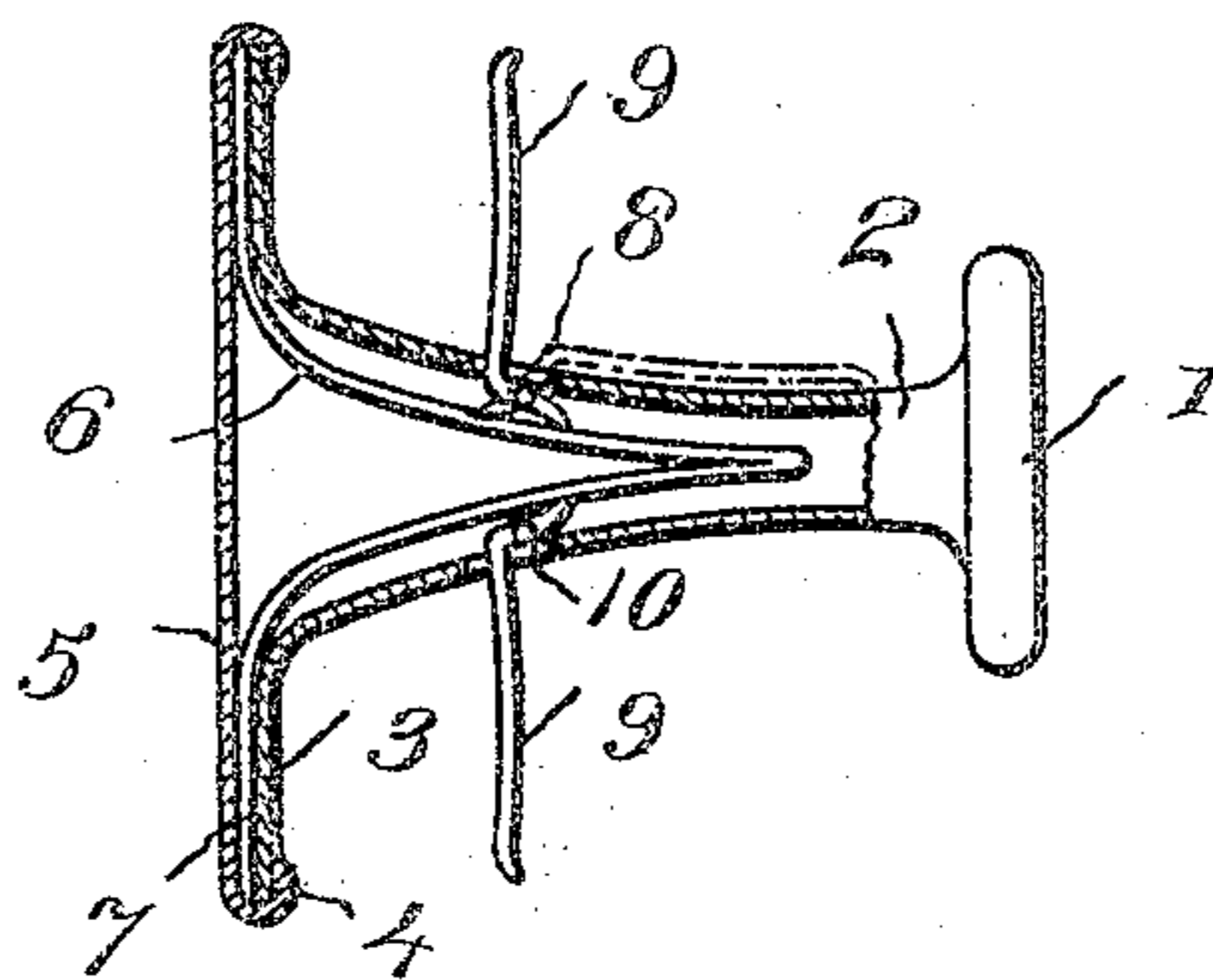


Fig. 2.



Inventor

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Witnesses

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UNITED STATES PATENT OFFICE.

HAROLD T. MURPHY, OF SPRINGFIELD, MASSACHUSETTS.

COLLAR-BUTTON.

SPECIFICATION forming part of Letters Patent No. 775,607, dated November 22, 1904.

Application filed November 21, 1903. Serial No. 182,130. (No model.)

To all whom it may concern:

Be it known that I, HAROLD T. MURPHY, a citizen of the United States, residing at Springfield, in the county of Hampden and State of Massachusetts, have invented new and useful Improvements in Collar-Buttons, of which the following is a specification.

My invention relates to new and useful improvements in collar-buttons; and its object is to provide a device of this character which is of simple and inexpensive construction and which is provided with means whereby the same may be securely retained within a buttonhole to prevent accidental displacement.

A further object is to provide retaining means which will not interfere with the insertion of the button into the buttonhole.

With the above and other objects in view the invention consists in providing a collar-button having a spring arranged therein and which normally bears upon the inner ends of bell-crank levers which are pivoted within opposite sides of the button and are adapted to project therefrom in a plane substantially parallel with the base of the button. These levers are adapted to be moved upward into position upon the outer face of the button, so that the same can be readily inserted through the buttonhole.

The invention also consists in the further novel construction and combination of parts hereinafter more fully described and claimed, and illustrated in the accompanying drawings, showing the preferred form of my invention, in which—

Figure 1 is a side elevation of the button, the same being shown in position within a buttonhole; and Fig. 2 is a part section through the button.

Referring to the figures by numerals of reference, 1 is the head of a button having a hollow stem 2, terminating in a flange 3, which projects into and is engaged by a bead 4, formed at the periphery of a base-plate 5. A V-shaped spring 6 extends into the stem 2 and has oppositely-extending ends 7, which are clamped between the flange 3 and the plate 5. Pins 8 extend through the stem 2 at opposite sides thereof, and pivotally mounted on them are bell-crank levers 9, the inner ends of which bear upon the spring 6, while the other ends

are adapted to project through slots 10, formed in the side of stem 2. The inner ends of the bell-crank levers are so proportioned that when the outer ends thereof are swung against the stem 2 and in the position shown by dotted lines in Fig. 2 the spring 6 will be compressed and then expanded, so as to hold each lever in the position to which it is moved.

In using the button the outer ends of both of the bell-crank levers are swung inward against the stem 2, and the button can then be readily inserted through a buttonhole. The levers 9 are then swung backward into their normal positions and beyond the edges of the buttonhole, thereby preventing the button from being accidentally displaced. It will be seen that with this construction of button when it is desired to remove the same it is merely necessary to grasp the base 5 thereof, and the backward pressure upon the stem will cause the levers 9 to fold inwardly automatically.

In the foregoing description I have shown the preferred form of my invention; but I do not limit myself thereto, as I am aware that modifications may be made therein without departing from the spirit or sacrificing any of the advantages thereof, and I therefore reserve the right to make such changes as fairly fall within the scope of my invention.

Having thus described the invention, what is claimed as new is—

In a collar-button, the combination with a base-plate, a hollow stem secured thereon and having oppositely-disposed apertures therein, and a head upon the stem; of a spring-strip folded upon itself and projecting into the stem and between the apertures, the ends of the strip being secured between the stem and base-plate, and bell-crank levers pivoted within the stem and projecting through the apertures, said levers being contacted by the spring and adapted to be held normally projected laterally from or folded upon the stem between the base and head.

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

HAROLD T. MURPHY.

Witnesses:

LIZZIE M. MURPHY,
JOHN T. MURPHY.