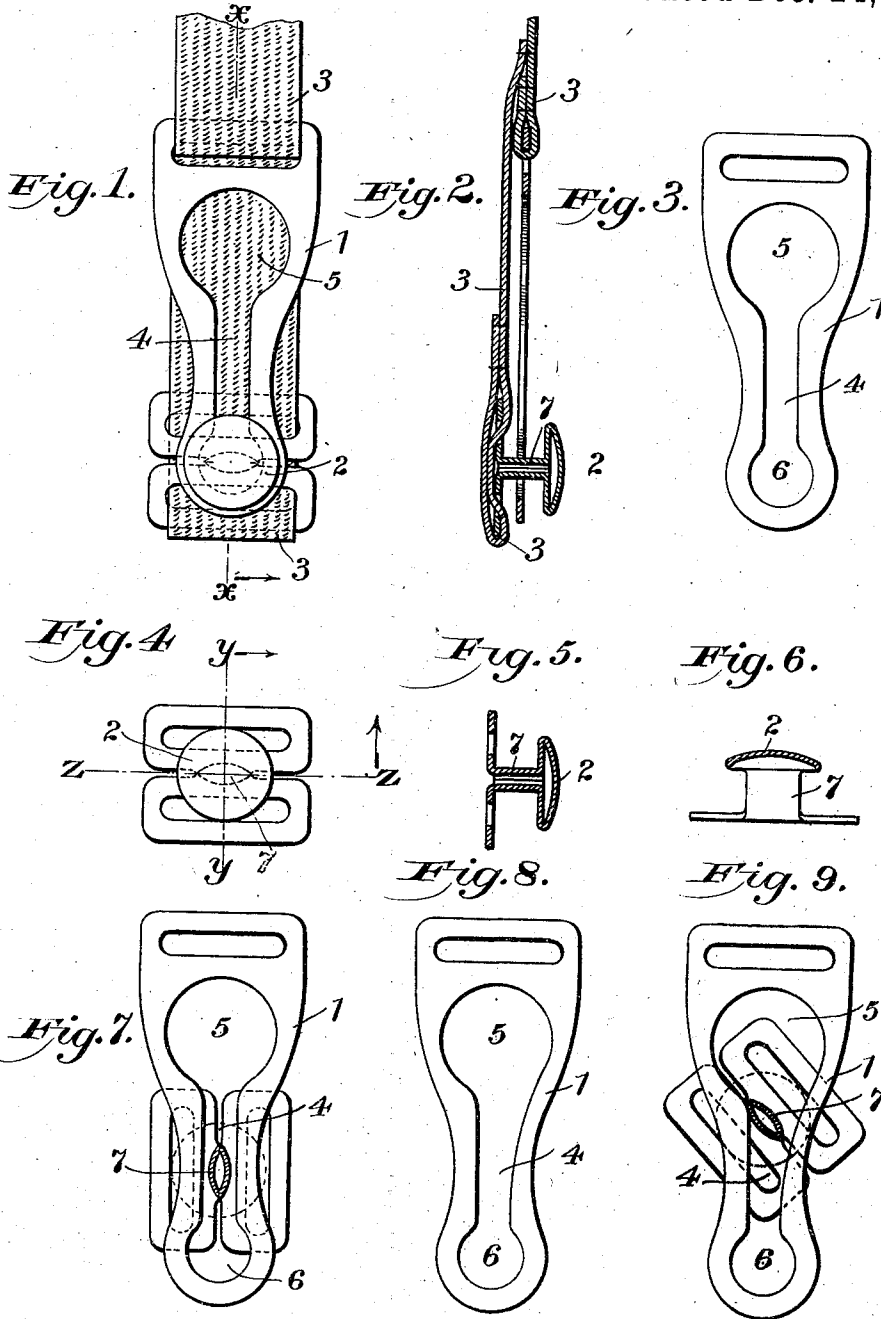


(No Model.)

M. B. HAMMOND.
GARMENT SUPPORTER.

No. 551,892.

Patented Dec. 24, 1895.



WITNESSES:

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MYRON B. HAMMOND, OF BRIDGEPORT, CONNECTICUT.

GARMENT-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 551,892, dated December 24, 1895.

Application filed October 2, 1895. Serial No. 564,431. (No model.)

To all whom it may concern:

Be it known that I, MYRON B. HAMMOND, a citizen of the United States, residing at Bridgeport, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Garment-Supporters; 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 appertains to make and use the same.

My invention relates to certain new and useful improvements in garment-supporters, but more particularly has reference to that class of such devices which comprises a button and a metallic loop.

The object of my improvement is to prevent the fastening device from becoming accidentally displaced or disengaged; and with this end in view my invention consists in the details of construction and combination of parts hereinafter fully described and then specifically designated by the claims.

In the accompanying drawings, Figure 1 is an elevation of my improvement, the parts being engaged in locking position; Fig. 2, a section at the line *x x* of Fig. 1; Fig. 3, a detail elevation of the loop portion of the fastening device; Fig. 4, a detail elevation of the button portion of such device; Fig. 5, a section at the line *y y* of Fig. 4; Fig. 6, a section at the line *z z* of Fig. 4; Fig. 7, an elevation showing the position of the parts of my improvement immediately prior to final locking; Fig. 8, a detail elevation of a modified form of loop, and Fig. 9, an elevation illustrating the manner in which the parts of my fastener automatically engage when the loop shown at Fig. 8 is used.

Similar numbers of reference denote like parts in all the figures of the drawings.

My improvement comprises a loop 1 made from metal and a button 2 also made from metal, both the loop and the button being secured in any ordinary and usual manner to a piece of tape or webbing 3. The loop is provided with an elongated slot or gate 4, which leads at its upper portion into an enlarged circular opening 5 of a size sufficient to admit the head of the button, while the lower end of this slot leads into an enlarged circular opening 6, considerably smaller than the open-

ing 5. The shank 7 of the button 2 is wider at one of its diameters than the slot 4, and in cross-section this shank is preferably ovoidal in shape, so as to present a smooth rounding surface and at the same time give considerable strength. The normal position of the button as attached to the tape is such that the longest diameter of the shank 7 is at right angles to the slot 4, so that it will be clear that when the head 2 is inserted through the opening 5 the button must be turned around so that its shank may enter and pass down through the slot 4, as seen at Fig. 7, into the opening 6, and when said shank is in this opening 6 it will rest in a position athwart slot 4, as seen in dotted lines at Fig. 1, so that said button cannot become disengaged from the loop 1 unless the shank is first turned around so as to stand with relation to the slot in the position shown at Fig. 7.

In applying my improvement the button is placed beneath the garment so that the latter will cover the head of the button, and then the button is inserted through the opening 5 and then turned around and passed down through the slot 4 into the opening 6.

The general strain upon the garment is sufficient to always keep the button in its locked position, (shown at Fig. 1,) and there is no danger of this button jumping up through the slot 4, owing to the fact that said button must first be given a quarter-turn before the shank can enter this slot.

By making one side wall of the opening 5 merge gradually into the corresponding side wall of the gate 4 a tapered mouth is formed on one side of the upper end of the slot, as shown at Fig. 8, so that when the button is inserted through the opening 5 a tug or draft on the tape which carries the button will cause the shank to automatically turn when it strikes this tapered gate, as shown at Fig. 9, thereby allowing the button to pass down and seat itself within the opening 6.

Of course it will be clear that the smallest diameter of the gate 4 may be at its bottom where it leads into the opening 6, and that the side walls of said slot may be gradually tapered upward and merged into the side walls of the opening 5—that is to say, instead of having one side of the slot gradually tapered downward, as shown in Fig. 8, both

sides may be tapered in the same manner, since all that is necessary for the purposes of my improvement is that the shank of the button shall afford a means whereby the button cannot be passed upward through the slot until it is first given a quarter-turn. It is therefore only essential that the long diameter of the shank should be greater than the diameter of the slot at its lowest point where it leads into the opening 6.

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

1. In a garment support, the combination of the loop having therein an elongated slot which terminates at its upper and lower ends in enlarged circular openings, with the button whose head is of a diameter smaller than the opening at the top of said slot, said button having a shank of a width greater than the width of the slot and adapted, when the parts are in locking position, to rest within the smaller circular openings in the loop athwart said slot, substantially as set forth.

2. A garment support comprising a button and loop fastening, the button having a wide shank of a general ovoidal shape, while the

loop has therein an elongated slot terminating at its upper end in a circular opening of a diameter large enough to admit the head of the button and at its lower end in a circular opening of a diameter small enough to prevent the disengagement of said head, the width of said slot being less than that of the shank of the button, substantially as set forth.

3. In a garment support, the combination of a loop having therein an enlarged opening at the top and a smaller opening at the bottom, said openings being connected by an elongated gate, and a button whose head is of a diameter less than the opening in the top of the loop and greater than the opening in the bottom of the loop, said button having a shank whose shape is ovoidal in cross section and whose longest diameter is greater than the width of said elongated gate at its lower end, substantially as set forth.

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

MYRON B. HAMMOND.

Witnesses:

F. W. SMITH, Jr.,

M. S. LONGDEN.