

No. 688,451.

Patented Dec. 10, 1901.

DE VER H. WARNER.

CORSET SUSPENSION HOOK FOR STOCKING SUPPORTERS.

(Application filed July 12, 1901.)

(No Model.)

Fig. 1.

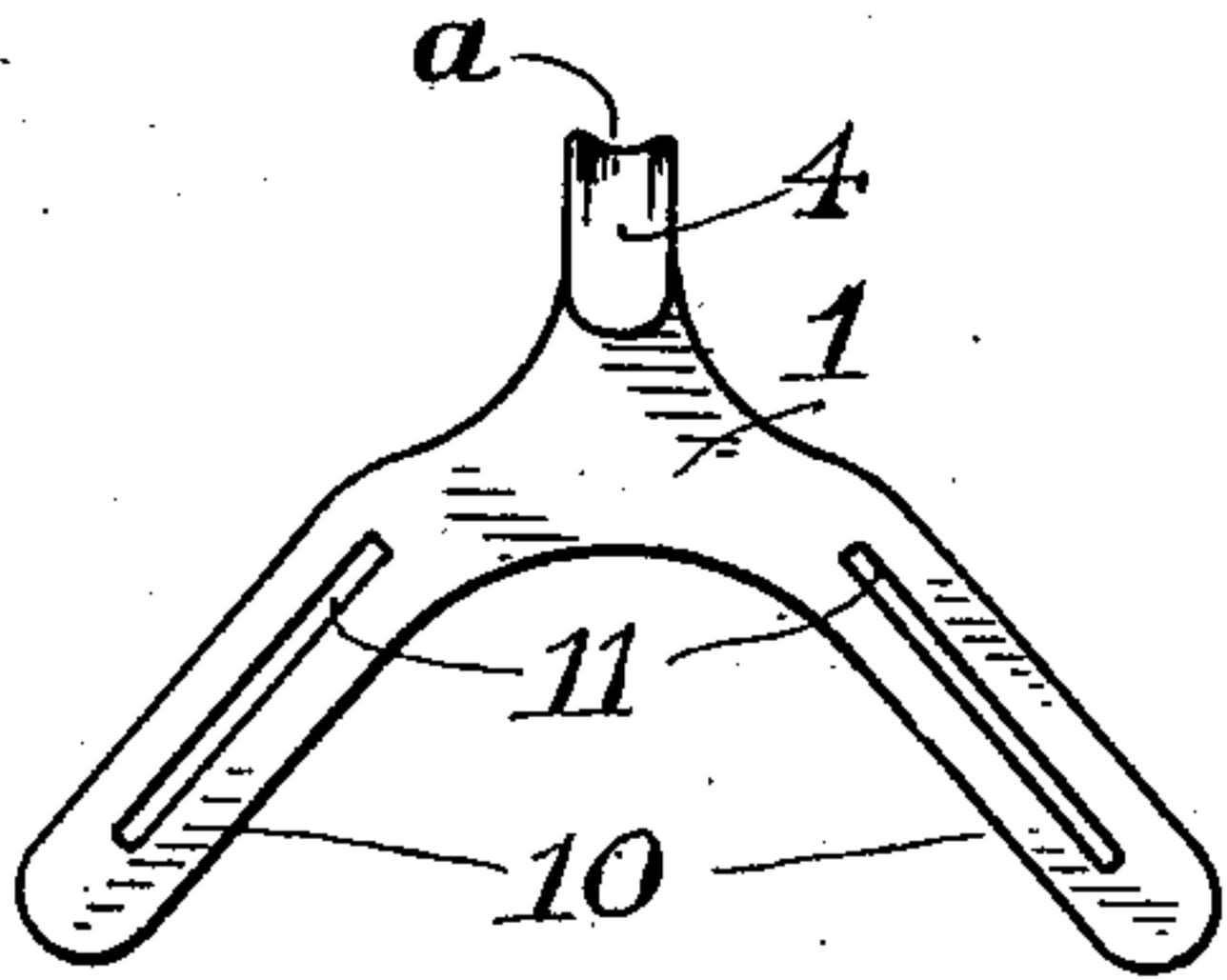


Fig. 2.

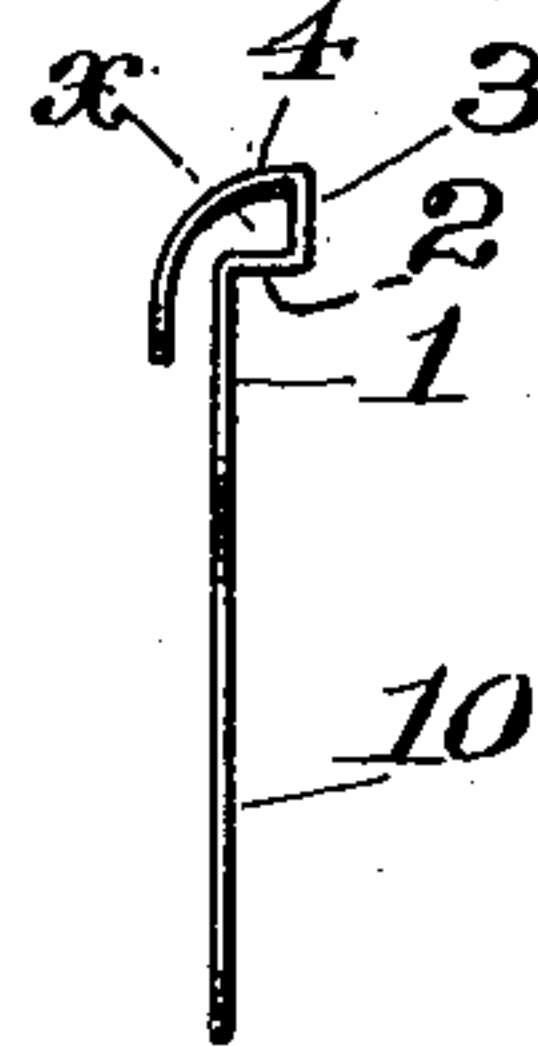


Fig. 6.

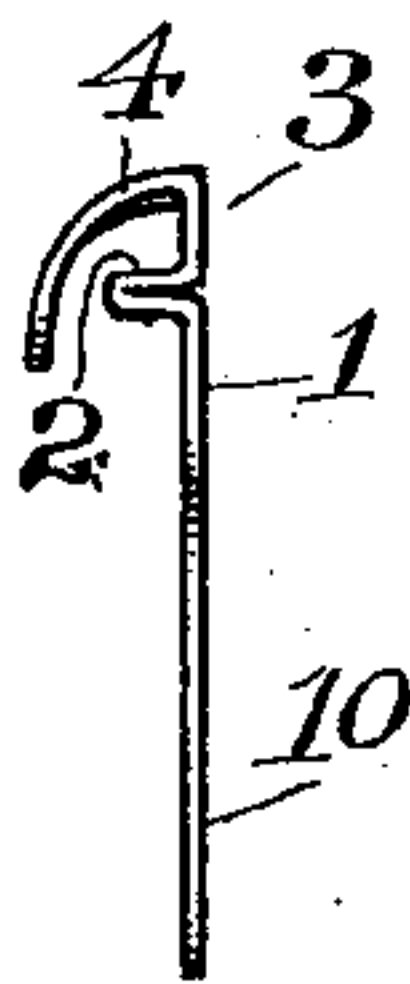


Fig. 3.

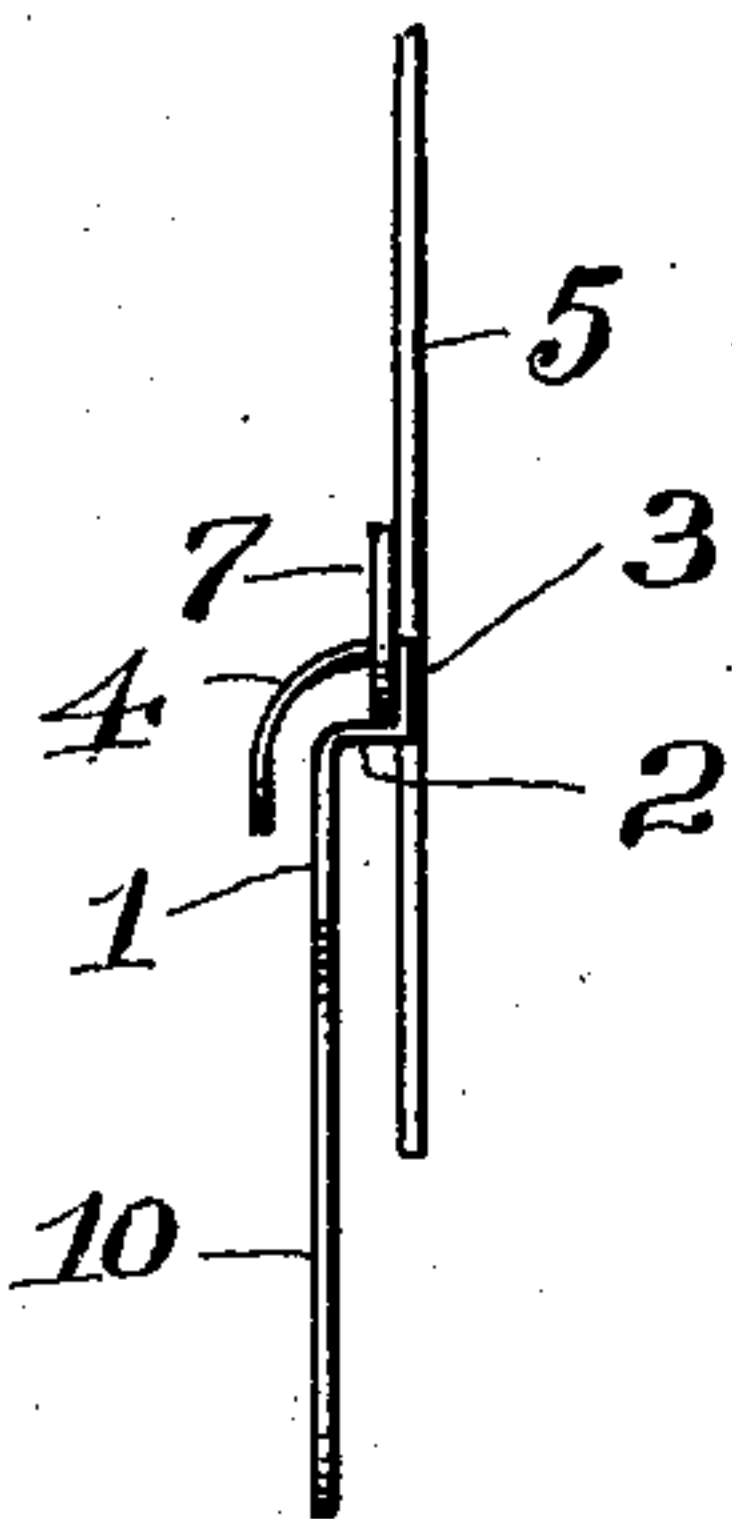


Fig. 4.

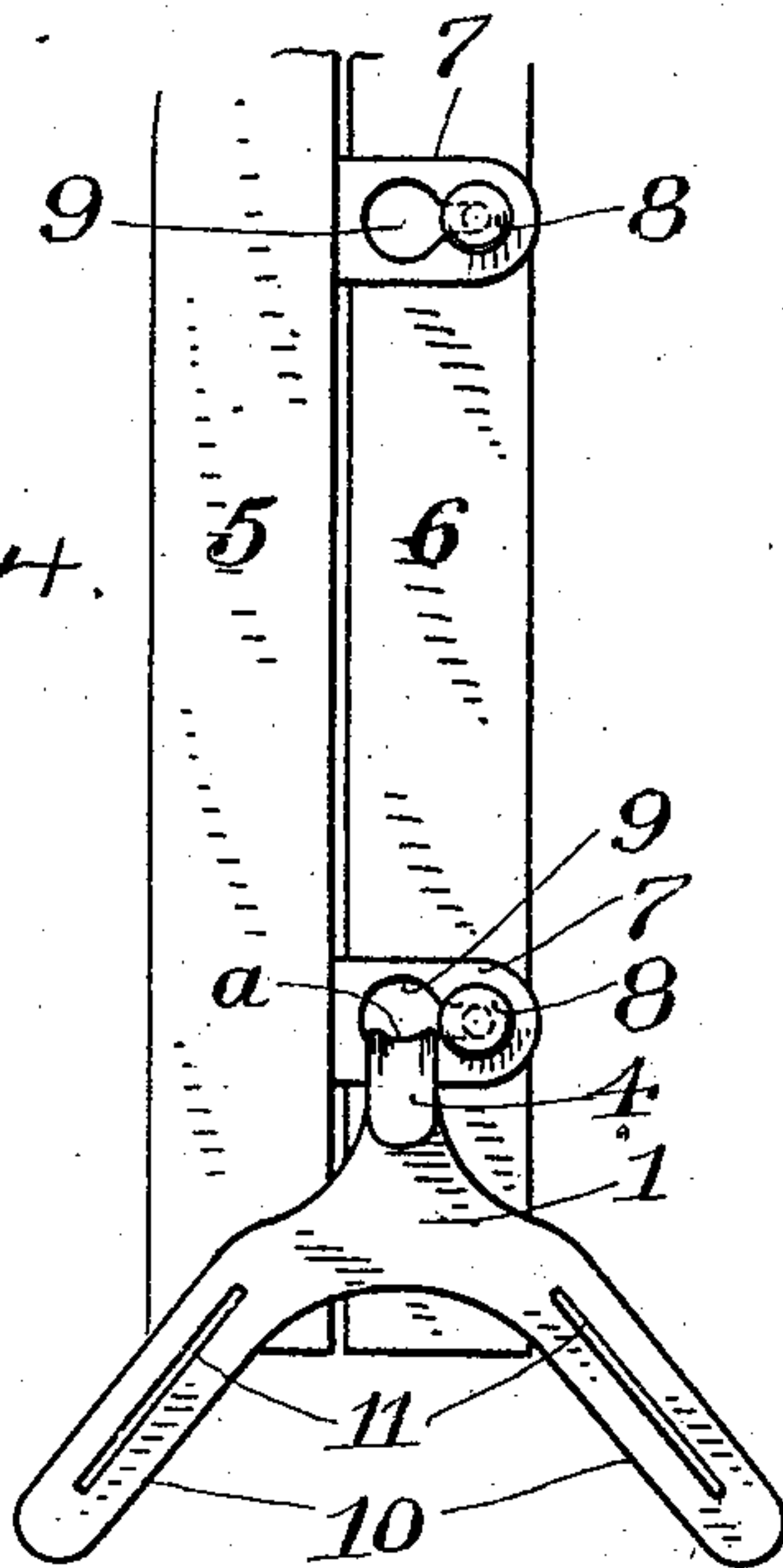


Fig. 5.



WITNESSES:

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CORSET SUSPENSION-HOOK FOR STOCKING-SUPPORTERS.

SPECIFICATION forming part of Letters Patent No. 688,451, dated December 10, 1901.

Application filed July 12, 1901. Serial No. 68,079. (No model.)

To all whom it may concern:

Be it known that I, DE VER H. WARNER, 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 Corset Suspension-Hooks for Stocking-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 has reference to hooks such as are intended to be used in connection with stocking-supporters for the purpose of suspending the latter from an element of the corset-clasp, and has for its object to provide an open-hook device of this description which is readily attached within the keyhole-slot of the usual corset-clasp and which will remain as a fixture on the corset when the latter is unclaspd and taken off the person of the wearer and which shall not interfere with the free movements of the stud of the corset-clasp during the engagement and disengagement of the latter.

With these ends in view my invention consists in certain details of construction and adaptability of parts, such as will be hereinafter set forth and then specifically be designated by the claims.

In the accompanying drawings, which form a part of this application, Figure 1 is a front elevation of my improved hook; Fig. 2, a side elevation; Fig. 3, a view similar to Fig. 2, but showing the hook connected with the loop element of the corset-clasp. Fig. 4 is a front elevation showing my improved hook in position on the loop element of the clasp of a corset. Fig. 5 is a detail enlarged section at the line *x* of Fig. 2, and Fig. 6 a side elevation of a slight modification of my improvement.

Similar characters of reference denote like parts in the several figures of the drawings.

My improved hook may be used in any suitable and well-known manner in connection with the usual webbing of the stocking-supporters, and although I have shown in the drawings a pair of diverging slotted legs through which the webbing may be threaded I do not desire to be limited in this respect.

1 is the metal body of the hook, which is

perfectly plain and is designed to lie flat against the front edge of the corset. At the top of this body there is a ledge 2 formed by an offset, which extends substantially at right angles to the body, and rising from the rear end of this offset is a vertically-disposed portion 3, in length just about equal to the width of the lower bar of the loop element of the corset-clasp, or, in other words, that portion between the lower edge of the loop and the bottom wall of the large end of the keyhole-slot, and 4 is the open free end of the hook which extends forwardly from the top of the portion 3 in the arc of a circle and terminates at its lower end in a plane substantially parallel to the plane of the body 1.

The parts 1, 2, 3, and 4, just described, constitute my improved hook, the parts 2, 3 forming an offset neck capable of snugly embracing the lower bar of the loop element, while the upper curved portion of the free end 4 is preferably concavo-convex in cross-section, as shown at *a*, for the purpose presently to be explained.

5, 6 represent the meeting edges of an ordinary corset, while 7 represents the metal loops of the corset-clasps, extending from the edge 5, and 8 represents the stud elements of the clasps, secured in the usual manner to the part 6. Within the loops 7 are the usual keyhole-slots 9, through which the studs are engaged for fastening the corset.

In applying my improvement for use the hook is tilted rearwardly behind one of the loops 7 and the free open end of said hook is then passed through the large end of the slot 9 and the hook then drawn downwardly until the lower bar of the loop is fitted snugly between the offset 2 and the upper part of the hook 4. When my improvement is thus in a position for use, it will be observed that the back 3 of the hook lies snugly against the back of the lower bar of the loop of the corset-clasp and said bar is confined snugly between the upper portion of the free end of the hook and the offset 2, so that it will be clear that there will be no objectionable projection of the hook rearwardly to annoy the wearer or mar the corset.

As before stated, the upper portion of the hook proper is preferably concavo-convex, and this will cause this portion to fit snugly

against the lower wall of the large end of the keyhole-slot, while the upper or concave portion is also an advantage in that it presents no obstruction to the stud during the unclasp-
 5 ing of the latter, while it also affords all the advantages given by the lower wall of the enlarged end of the keyhole-slot when the stud is inserted within the latter during the engagement of the clasp elements. Further-
 10 more, this concavo-convex construction of the free end of the hook renders the latter exceedingly strong and also prevents the cutting action which always takes place when an ordinary plain hook is attached either through
 15 the slot of the loop or over the top edge of the latter. There can be no grinding or cutting action whatever caused by the friction between my improved hook and the lower wall of this slot.

20 One of the important advantages of my improvement resides in the fact that when it is in position for use the hook cannot rise up, owing to the fact, as before stated, that the lower bar of the loop element is snugly embraced by the offset neck of the hook, and
 25 therefore my improvement does not depend upon the strain on the supporter to keep it in place, and for the same reason my improved hook can have no lateral swinging motion.

30 The ledge 2 may be formed by bending the stock of the body portion 1 back upon itself, as shown at Fig. 6, in which instance the body 1 and back 3 of the hook would be in substantially the same vertical plane; but of
 35 course this construction is included in my invention, since it is precisely like the construction shown in Fig. 2 with the exception that the upper portion of the body 1, which adjoins the forward part of the offset, is dou-
 40 bled back throughout the length of the offset, so that the latter has a double thickness instead of a single one.

I have shown in the drawings two legs 10, which diverge from the bottom of the body 1,
 45 these legs being provided with slots 11, through which latter the webbing of the stocking-supporters may be threaded in position for use; but my improvement may be attached to such webbing in several ways, all of which

are old and well known and within the ordinary skill of a workman, and, as I said before, I do not wish to be limited in this respect.

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

1. A hook adapted to be connected with the large end of the slot of a corset-clasp loop for the purpose of suspending stocking-supporters, said hook having a plain body adapted to lie flat against the front of the corset, an off-
 60 set extending rearwardly from said body and a free open hook end extending from said offset upwardly and downwardly in proximity to the body, the width of the back portion of the hook being equal to the width of the lower bar
 65 of the loop whereby when said hook is inserted within the enlarged end of the slot in said loop and drawn down into position, the lower bar of said loop will be snugly embraced by the hook, substantially as and for the pur-
 70 pose set forth.

2. A hook adapted to be connected with the large end of the slot of a corset-clasp loop for the purpose of suspending stocking-supporters, said hook having a plain body adapted to lie flat against the front of the corset, an off-
 75 set extending rearwardly from said body, a vertical back portion rising from said offset, and a free hook end concavo-convex in cross-section and extending forwardly from the up-
 80 per end of said vertical back and downwardly in proximity to the body, the length of the vertical back portion being equal to the width of the lower bar of the loop, whereby when
 85 said hook is inserted within the enlarged end of the slot in said loop and drawn down into position, the lower bar of said loop will be snugly embraced between the upper end of the hook and the offset, while the concavity
 90 of said hook will fit snugly within the enlarged portion of said slot, substantially as and for the purposes set forth.

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

DE VER H. WARNER.

Witnesses:

F. S. ANDREWS,
 U. H. BOLLES.