

(No Model.)

C. W. STIMSON.
GARMENT CLASP.

No. 554,742.

Patented Feb. 18, 1896.

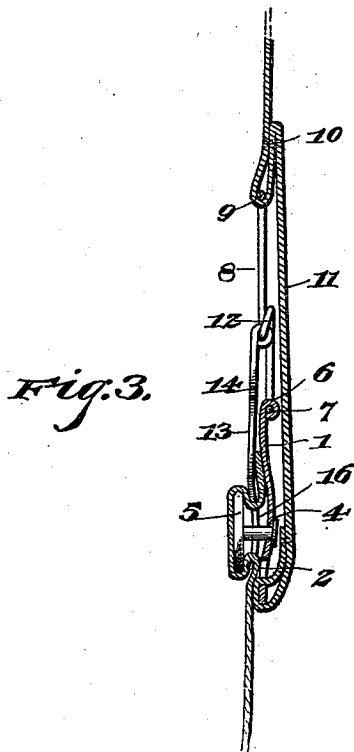
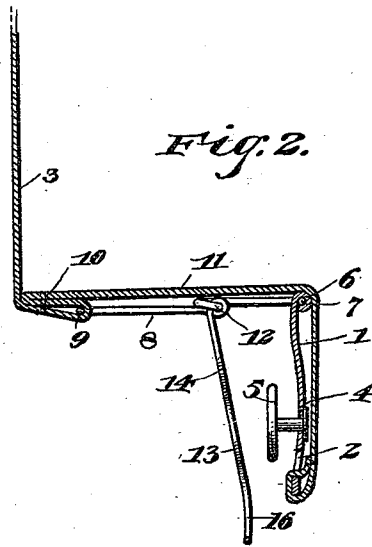
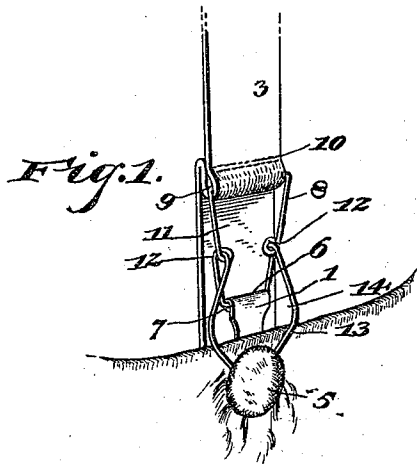
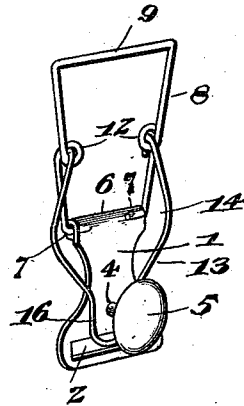


Fig. 4.



Witnesses

B. H. Ober,
J. P. Mahaupt,

By *his* Attorneys.

Inventor
Charles W. Stimson,
Chas. Snow & Co.

UNITED STATES PATENT OFFICE.

CHARLES WOODBURY STIMSON, OF NEW YORK, N. Y.

GARMENT-CLASP.

SPECIFICATION forming part of Letters Patent No. 554,742, dated February 18, 1896.

Application filed May 11, 1894. Serial No. 510,904. (No model.)

To all whom it may concern:

Be it known that I, CHARLES WOODBURY STIMSON, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented a new and useful Garment-Clasp, of which the following is a specification.

This invention relates to garment-clasps; and it has for its object to provide a new and useful device of this character especially adapted for use as a supporter to support hose.

To this end the main and primary object of the present invention is to construct a simple and efficient garment-clasp, providing means whereby the garment to be supported may be quickly and readily engaged and disengaged, while at the same time providing a clasp which will securely and firmly hold the garment until manually disengaged therefrom, and which will therefore entirely obviate the annoyance attendant upon the accidental disengagement or loosening of the hose-supporter.

With these and other objects in view, which will readily appear as the nature of the invention is better understood, the same consists in the novel construction, combination, and arrangement of parts hereinafter more fully described, illustrated, and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a garment-clasp constructed in accordance with this invention shown as applied in position for supporting a stocking. Fig. 2 is an enlarged central longitudinal sectional view of the clasp, showing the several parts in position as about to be engaged with the supporting-button. Fig. 3 is a similar view with the several parts of the clasp arranged as shown in Fig. 1. Fig. 4 is a detail in perspective of the clasp separated from the supporting tape or fabric.

Referring to the accompanying drawings, 1 designates a solid sheet-metal base-plate constructed in a suitable size and shape and provided at one end with the slot 2, adapted to receive the lower end of an ordinary supporting tape or fabric 3, that is adapted to be arranged on the wearer in the ordinary manner for the support of the hose or stockings. The solid sheet-metal base-plate 1 is provided at a point intermediate of its ends with the opening 4, that is adapted to loosely

receive therein the shank of an ordinary supporting-button 5, with which the upper end of the hose to be supported is adapted to be engaged, and at its end opposite to the slot 2 the sheet-metal base-plate 1 is bent upon itself to form the hinge-eye 6, that loosely receives the short inturned pintle extremities 7 of the wire joint-loop 8.

The wire joint-loop 8 consists of a single length of wire bent into a substantially rectangular form and provided at one end with the attaching-bar 9, to which is connected, as at 10, a loop or portion of the supporting tape or fabric 3, at a point above its connection at one end to the plate 1, and the portion of the tape or fabric 3, between its connection with the jointed clasp members 1 and 8, forms a backing-strip 11, which is disposed back of all of the metal parts of the clasp and absolutely prevents and obviates the chafing contact of the metal with the flesh. At a point intermediate of its ends the opposite side bars of the wire joint-loop 8 are coiled upon themselves to form the coil-eyes 12, with which are loosely engaged the opposite extremities of the swinging button-bail 13.

The swinging button-bail 13 consists of a suitable length of wire bent into the desired form and adjacent to its connection with the loop 8. The said bail has the opposite side bars thereof bent or curved outwardly to form a widened entrance-opening 14, that is of a diameter slightly greater than the head of the button 5, in order that the bail may be readily engaged over and disengaged from the button, and beyond the widened entrance-opening 14 the said bail is extended into a contracted engagement-neck 16, that is of a width less than the diameter of the button, and is adapted to engage over the shank of the button under the head thereof when the jointed members of the clasp are straightened out.

In connecting the clasp with the hose to be supported the upper end of the hose is placed over the supporting-button 5 and the joint of the jointed clasp members broken inwardly, so as to carry or dispose the widened entrance-opening 14 of the bail 13 over the button, which is then pressed through the entrance-opening of the bail, together with the upper end of the hose thereover, and by then

straightening out the joint the contracted engagement-neck 16 will be carried under the head of the button around the shank thereof to securely bind and hold the hose on the 5 button, which by reason of its loose connection with the base-plate will readily turn and adjust itself to any torsional strain placed thereon.

10 It will be observed that the wire joint-loop 8 and button-bail 13 are oppositely disposed, their closed ends being outermost and their open ends lying intermediate of the closed ends. By this construction and by the hinge connection of the button-bail with the side 15 bars of the loop 8 the inturned pintle extremities 7 are held in engagement with the hinge-eye 6 by the combined action of the side bars or members of the said loop 8 and the button-bail 13, as will be readily understood when it is remembered that these parts 20 are constructed of spring-wire.

The many advantages of the herein-described garment-supporting clasp will readily suggest themselves to those skilled in the art, 25 and it will be understood that changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

30 Having thus described the invention, what

is claimed, and desired to be secured by Letters Patent, is—

As an improved article of manufacture, a garment-clasp constructed substantially as herein shown and described, the same comprising a spring-wire loop having inturned 35 pintles at the free ends of its side bars, and having coils midway of the side bars forming eyes, a plate having a hinge-eye at one end to receive the said pintles and provided at 40 its opposite end with a transverse slot, a button having loose connection with the said plate and capable of yielding to torsional strain, and a spring-wire button-bail having its ends looped into the aforesaid eyes and 45 having its closed end contracted to co-operate with the button to secure the garment or article to be attached to the clasp, and having its side bars outwardly deflected opposite the hinge-joint between the spring-wire loop and 50 the plate, substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

CHARLES WOODBURY STIMSON.

Witnesses:

MINNIE E. STIMSON,
LOUISE E. CHASE.