No. 695,511. Patented Mar. 18, 1902.

# O. WARLICH.

## GARMENT SUPPORTER.

(Application filed Dec. 15, 1900.)

(No Model.)

FIG. 1.

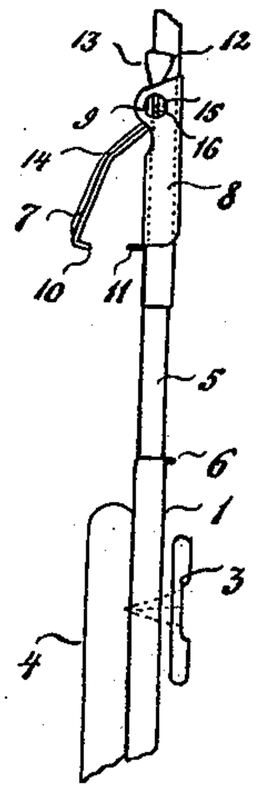



FIG. 2.

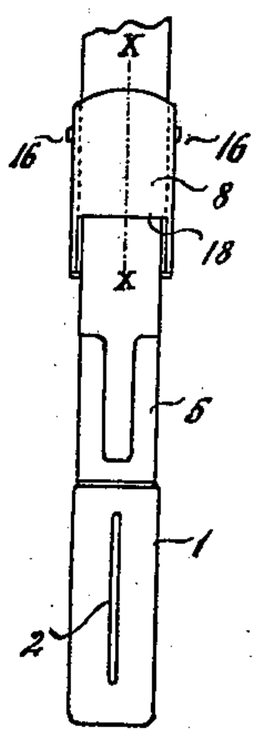



FIG. 3.

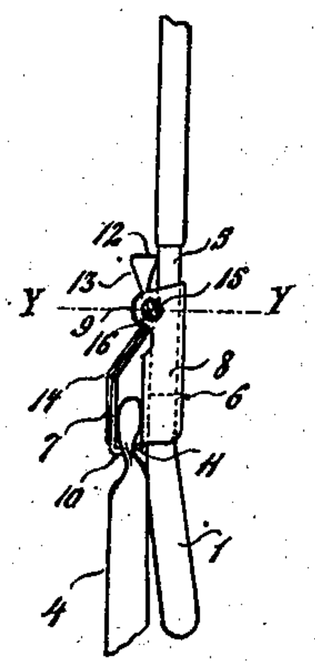



FIG. 4.

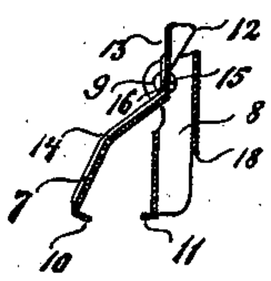



FIG. 5.

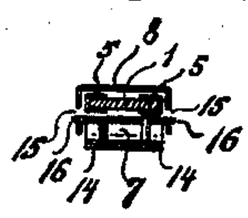



FIG. 6.

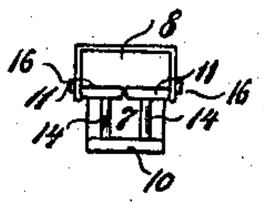
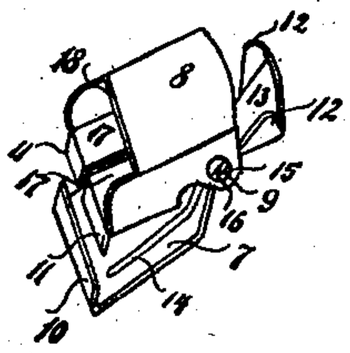



FIG. 7.




Witnesses:

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# UNITED STATES PATENT OFFICE.

OSCAR WARLICH, OF CHICAGO, ILLINOIS, ASSIGNOR TO FRANK WILLIAM PETERSON, OF ZION CITY, ILLINOIS.

## GARMENT-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 695,511, dated March 18, 1902.

Application filed December 15, 1900. Serial No. 40,059. (No model.)

*To all whom it may concern:*

Be it known that I, OSCAR WARLICH, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Garment-Supporters, of which the following is a specification.

My invention relates particularly to an improved form of clasp for garment-supporters, reference being had to Letters Patent No. 652,986, obtained by me and dated July 3, 1900. Its main objects are, first, to provide improved means for operating the jaws of the clasp; second, to alter the shape and reduce the size thereof, so as to be more convenient for general use, neater in appearance, of less weight, and, third, to render the process of manufacturing the same considerably cheaper. I accomplish these objects by the device shown in the accompanying drawings, in which—

Figure 1 is a side elevation of a suspender-strap having one of my clasps secured thereto out of operative position and showing the lower end of the strap secured to a button upon the garment. Fig. 2 is a front elevation of the suspender-strap and clasp with the garment omitted. Fig. 3 is a side elevation showing the clasp in engagement with the garment. Fig. 4 is a central vertical section of the clasp-jaws on the line X X of Fig. 2 with the suspender-strap removed. Fig. 5 is a horizontal section of the clasp and suspender-strap, taken on the line Y Y of Fig. 3. Fig. 6 is a bottom plan of the jaws shown in Fig. 4 with the other parts removed. Fig. 7 is a perspective view of the jaws with the other parts removed.

The suspender-strap 1 has the usual slit 2 therein for receiving the button 3. The button 3 is sewed to the garment 4 in the usual manner. A metallic sleeve 5 is firmly secured to the strap 1. Said sleeve has its lower end bent over to form the projection 6. The projection 6 is designed to limit the downward movement of the clasp-jaws. The clasp-jaws are vertically movable on the strap 1 and consist of members 7 and 8, pivotally connected at 9. The members 7 and 8 are bent inwardly at 10 and 11 for engaging the garment. The member 7 has the two wedge-shaped parts 12, bent inwardly toward the strap 1. The upper part 13 of the member 7, whereon the two wedge portions 12 are located, serves as the shank whereby the clasp-jaws are operated. The member 7 is also provided with two one-thirty-second-inch vertical corrugations 14 for the purpose of stiffening the metal, and thus increasing the strength of said member. The member 8 has the circular holes 15 for receiving the projections 16 on the member 7, and thus forming the pivotal connection. The member 8 has its jaw 11 divided in two parts, each part being connected with the portions 17 of said member 8.

The operation of my device is as follows: When not in use, the jaws will be free from the metallic sleeve 5, as shown in Figs. 1 and 2. To secure the jaws to the garment, the operator will place same in proper position over the edge of the garment and will then pull the strap 1 upwardly, so as to bring the two wedge-shaped parts 12 of the member 7 into the position shown in Fig. 3, in which said parts 12 bear against the upper rear part of the metallic sleeve 5. This will force the jaws together. It will be understood that when the parts 12 of the member 7 are free from the metallic sleeve 5 the same will have no action on said jaws; but when the strap 1 is pulled upwardly the said parts 12 will gradually bear harder upon the metallic sleeve 5, and thus force the jaws together. Any pull tending to draw the garment 4 and the strap 1 apart will tighten the pressure of the jaws upon the garment. The projection 6 will limit the downward movement of the jaws. Said projection 6 will bear against the edge 18 of the member 8, and thus prevent the separation of the parts. To remove the jaws from the garment, the operator will hold the jaws with one hand and with the other hand will pull the strap 1 at its lower end downwardly, so as to release the wedge portions 12 of the member 7 from pressure against the metallic sleeve 5.

It will be understood that the minor details of the device shown may be altered in numerous ways without departing from the spirit of my invention. I therefore do not confine

myself to such details, except as hereinafter limited in the claim.

What I claim as my invention, and desire to secure by Letters Patent, is—

In a garment-supporter a supporting-strap or suspender-end being provided with a plain metallic sleeve whereon a pair of lever-jaws are mounted, which are vertically movable thereon; one of the said jaws having the two wedge portions 12 thereon and bearing against the upper rear part of the metallic sleeve 5 whereby in conjunction with the member 8 the jaws are forced together.

Signed by me at Chicago, Illinois, this 19th day of November, 1900.

OSCAR WARLICH.

Witnesses:
FRANK W. PETERSON,
JAMES DOHENEY.