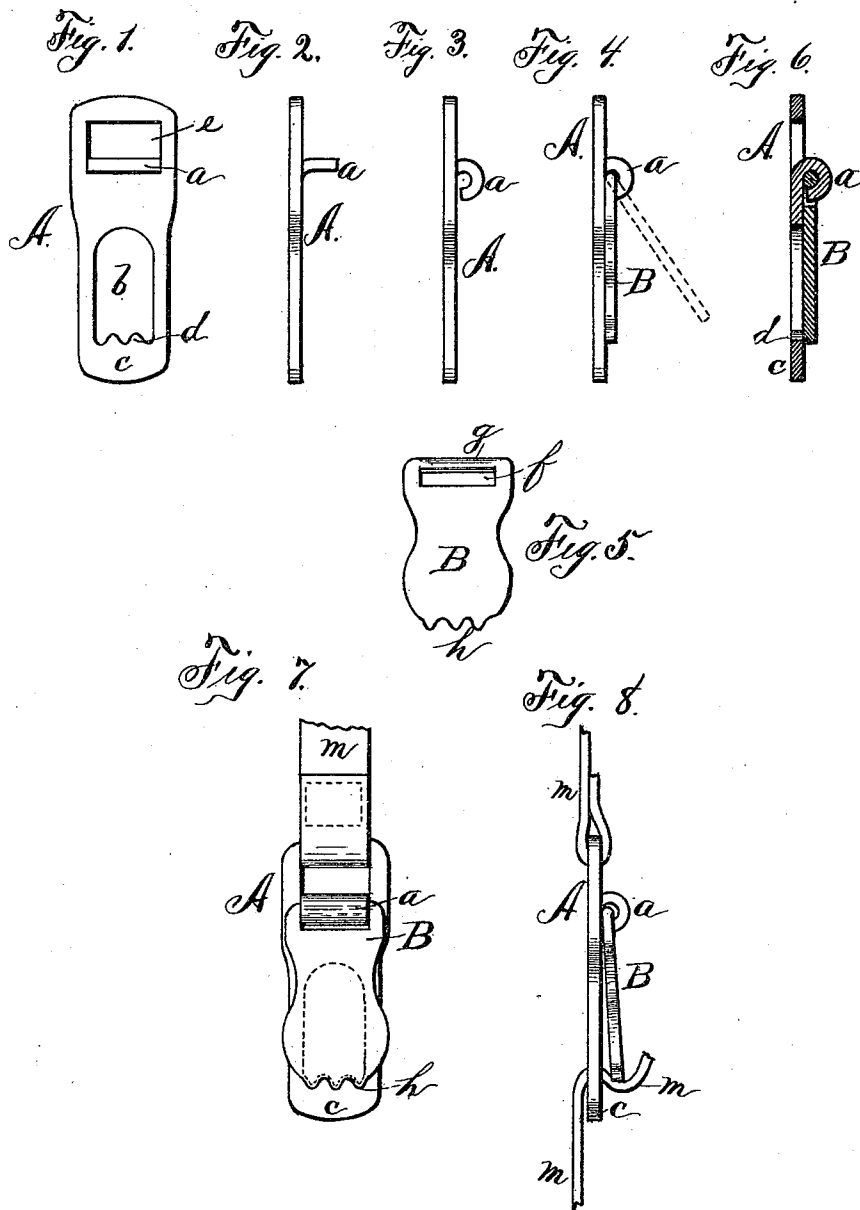


(No Model.)

L. A. TOPP.
GARMENT SUPPORTER.

No. 461,650.

Patented Oct. 20, 1891.



Witnesses

W. B. Smith.
L. F. Miller.

Inventor

Lena A. Topp

By her

Attorneys

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UNITED STATES PATENT OFFICE.

LENA A. TOPP, OF SYRACUSE, NEW YORK.

GARMENT-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 461,650, dated October 20, 1891.

Application filed November 22, 1890. Serial No. 372,316. (No model.)

To all whom it may concern:

Be it known that I, LENA A. TOPP, of Syracuse, in the county of Onondaga, in the State of New York, have invented new and useful Improvements in Hose-Supporters, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

My invention relates to hose-supporters to which one end of a strap or piece of webbing is secured, and which are designed to grip the hose between two surfaces without piercing it or passing through punctures therein.

My object is to construct a hose-supporter from two plates, one lying upon the other, the outer one having one end hinged to the main plate and also having a series of rounded or blunt teeth upon its lower end, and the main or inner plate having a loop at one end, in which the strap or webbing is secured, having also an enlarged aperture adjacent to the lower end, and having rounded or blunt teeth projecting longitudinally and upward from the inner edge of the end bar, said hinge being formed from a portion of the main plate bent over a bar across the top of the outer plate.

My invention consists in the several novel features of construction and operation which are hereinafter described, and which are specifically set forth in the claim hereto annexed.

It is constructed as follows, reference being had to the accompanying drawings, in which—

Figure 1 is a plan view of the face of the inner or main plate, showing the hinge-piece stamped out from the plate and projecting therefrom. Fig. 2 is a side elevation of same. Fig. 3 is a side elevation of this plate, showing how the hinge-piece is bent over to form the hinge-barrel. Fig. 4 is a side elevation of the hose-supporter complete, showing the swing of the outer plate by dotted lines. Fig. 5 is a plan view of the outer plate. Fig. 6 is a vertical longitudinal section of the hose-supporter complete. Fig. 7 is a front elevation of the hose-supporter complete, showing a strap secured thereto. Fig. 8 is a side elevation of the hose-supporter as in use, with a strap secured to one end and, for illustration, another strap held between the plates at the lower end.

A is the back plate, stamped out of sheet metal, and by dies I also cut out three sides of part of the top, creating a hinge-piece *a*, connected at one edge to this plate, and I also cut out in the lower end the opening *b*, creating a lower cross-bar *c*, upon the inner edge of which are the blunt or rounded teeth or projections *d*. The punching out of the hinge-piece creates a top loop *e*.

B is the outer plate, stamped out of sheet metal and having a top loop *f* and cross-bar *g* and blunt or rounded teeth or projections *h* projecting inwardly therefrom. The hinge-piece *a* is bent over the cross-bar *g*, which bar thus becomes the pintle of the hinge. The arrangement shown of two teeth on the cross-bar *c* and three on the cross-bar *g* is made by me in order to bring each tooth on one substantially opposite a cavity or depression in the other. The plate B hangs low enough so that its teeth cannot mesh with those of the back plate.

When a hose or strap *m* is inserted through the aperture *b* and through between the plates and is drawn taut around anything, then the several teeth will impinge upon the strap or hose, and it will be gripped between and held by them, by the cavities between them, and by the drawing in of the outer plate against the other.

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

A garment-supporter consisting of a back plate provided with a top loop, a transverse hinge-barrel struck up from and integral with the back plate, an opening through the plate below the hinge-barrel, creating a lower cross-bar, and upwardly-projecting teeth upon the upper edge of said cross-bar, a front plate having a top loop, and a cross-bar integral with said plate, fitting loosely through the hinge-barrel upon the back plate, and having teeth upon its lower end, arranged opposite the cavities between the teeth upon the back plate, but not meshing together, as set forth.

In witness whereof I have hereunto set my hand this 8th day of November, 1890.

LENA A. TOPP.

In presence of—
W. A. SWEET,
L. F. MILLER.