

(No Model.)

E. J. CRANDELL.

HOSE SUPPORTER.

No. 355,388.

Patented Jan. 4, 1887.

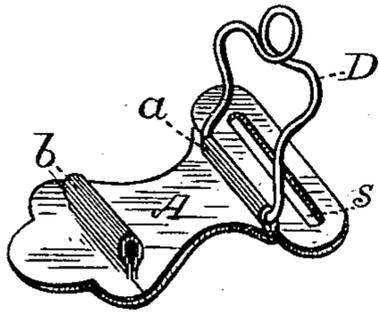


Fig. 1

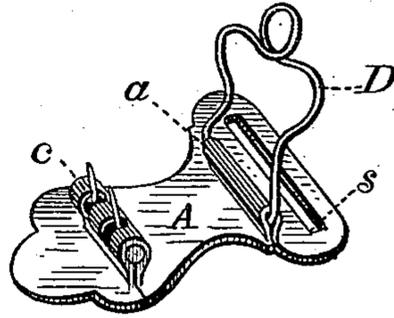


Fig. 2

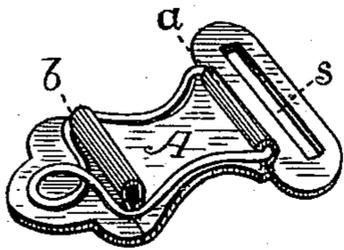


Fig. 3

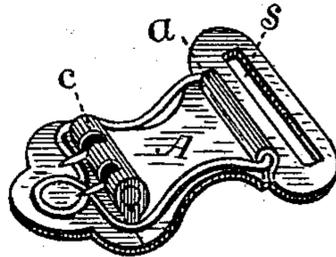


Fig. 4

Witnesses  
J. R. Shaw.  
Augustus Babcock

Inventor  
Edgar J. Crandell  
by Levi Pine.  
Attorney.

# UNITED STATES PATENT OFFICE.

EDGAR J. CRANDELL, OF BINGHAMTON, NEW YORK, ASSIGNOR OF ONE-HALF  
TO GEORGE H. FORD, OF SAME PLACE.

## HOSE-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 355,388, dated January 4, 1887.

Application filed September 1, 1886. Serial No. 212,416. (No model.)

*To all whom it may concern:*

Be it known that I, EDGAR J. CRANDELL, a citizen of the United States, residing at Binghamton, in the county of Broome and State of New York, have invented certain new and useful Improvements in Hose-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, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Similar letters refer to similar parts throughout the several views.

My invention is that of an improved form of supporter for hose and similar articles of apparel, and its object is to provide a cheap and reliable supporter which has no projections to catch upon other articles of clothing and cause annoyance to the wearer, and at the same time be certain in its operation without liability of becoming unfastened.

In the accompanying drawings, Figure 1 is a perspective of my improved fastener in its simple form, with the wire loop which holds the fabric turned up to permit of attaching the fabric. Fig. 2 is a view of it with the pins added. Fig. 3 is the same as Fig. 1, with the loop shut down, and Fig. 4 is the same as Fig. 2, with the loop shut down.

A is the main plate of the supporter, struck out of sheet metal. The rolls *a* and *b*, Figs. 1 and 3, *a* and *c*, Figs. 2 and 4, are integral with this plate, the plate being struck long enough and of the proper shape to turn these rolls up from it. A drop of solder at the turn makes them all solid.

D is a loop of wire hinging in the roll *a*, and made long enough to just shut down snugly over the roll *b*. This should be stiff spring-wire, which will admit of some strain and yet retain its shape.

*s* is the slot to receive the strap or elastic to which the supporter is attached.

The method of use is as follows: The fabric to be held—stocking, sleeve, or other gar-

ment—is drawn upon the bed of the plate over the roll *b* and the loop D turned down over the roll, as shown in Fig. 2. This will hold the fabric fast down on the roll and retain it in place. If it is desired to make the loop shut closer, the loop may be bent nearer together in the middle, or the plate may be bent backward, bringing the loop harder against the front of the roll.

To guard against any possibility of the fabric slipping on the supporter, the roll *c* (shown in Figs. 2 and 4) may be provided with small slots on its lower or front side, and a bar, which turns inside the roll, has the tongues or teeth (shown in Figs. 2 and 4) fast on it. When the loop D is turned down these penetrate the fabric, and drawing down with it form buckle-tongues to hold the fabric solid, and any strain on the fabric draws these tongues harder against the loop D.

Made in this way the supporter will form a desirable clasp for fastening corsets and skirts.

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

1. As a new article of manufacture, a hose-supporter consisting of a plate of sheet metal provided with rolls at its opposite ends, substantially as described, and a spring-wire loop the sides of which are curved to allow extension, and pivotally attached to one and adapted to infold the other of said rolls, substantially as described.

2. As a new article of manufacture, a hose-supporter consisting of a plate of sheet metal having a loop pivotally attached to its upper end and a roll near the lower end, said roll infolding a bar provided with teeth extending through slots in said roll, said teeth adapted to fold upon and retain said loop, substantially as described.

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

EDGAR J. CRANDELL.

Witnesses:

J. R. SHAW,  
A. L. PINE.