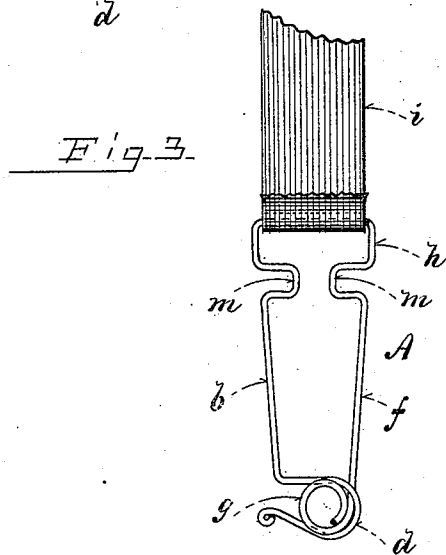
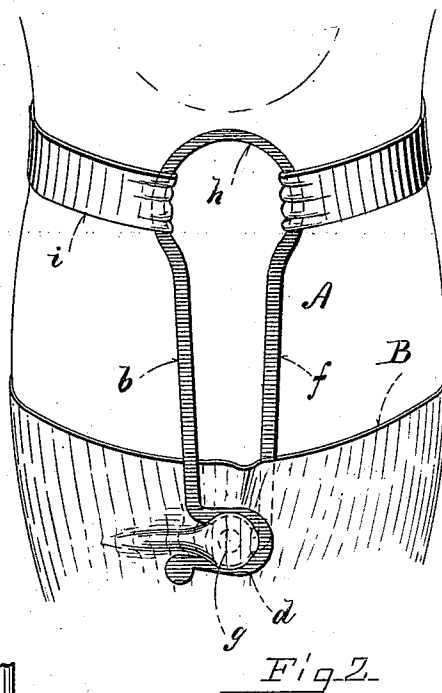
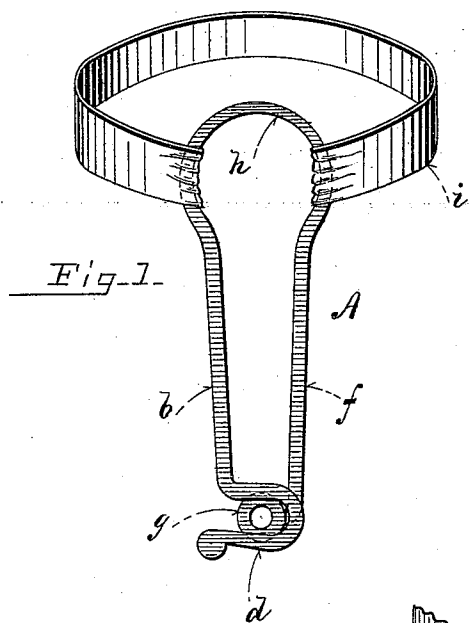


(No Model.)

P. F. DANIELS.
HOSE SUPPORTER.

No. 471,104.

Patented Mar. 22, 1892.



WITNESSES
Sam'l. Robinson
D. Durfee

INVENTOR=
Philander F. Daniels
PER C. A. Shaw & Co.,
ATTY-S.

UNITED STATES PATENT OFFICE.

PHILANDER F. DANIELS, OF WALTHAM, MASSACHUSETTS.

HOSE-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 471,104, dated March 22, 1892.

Application filed November 10, 1891. Serial No. 411,503. (No model.)

To all whom it may concern:

Be it known that I, PHILANDER F. DANIELS, of Waltham, in the county of Middlesex, State of Massachusetts, have invented certain new and useful Improvements in Hose-Supporters, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which said invention appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a perspective view of my improved hose-supporter; Fig. 2, an elevation showing the same in use, and Fig. 3 a like view illustrating a modification.

Like letters of reference indicate corresponding parts in the different figures of the drawings.

My invention relates especially to clasps for garment or hose supporters; and it consists in certain novel features hereinafter fully set forth and claimed, the object being to produce a simpler, cheaper, and more effective device of this character than is now in ordinary use.

The nature and operation of the improvement will be readily understood by all conversant with such matters from the following explanation:

In the drawings, A represents the clasp considered as a whole, said clasp being constructed of a single strip of spring metal bent or cut to form an approximately-U-shaped spring. The end of one arm *b* of the spring is bent laterally in the plane of the clasp to form a hook-shaped loop *d*. On the corresponding end of the opposite arm *f* a button *g* is formed, which is adapted to be inserted in the loop *d*, said button projecting laterally from the clasp at right angles to the plane of the loop. The bottom *h* of the spring is preferably bowed outward on the arc of a circle, and an elastic tape *i*, adapted to encircle the legs, has its ends secured in said circular portion. The tension of the elastic tape when the device is in use tends to spread the arms *d f* and jam the hook *d* against the bottom or head *g*. Preferably one end of the tape is detachably secured to the circular portion *h*, so

that it may be readily adjusted around the calf of the leg.

In the use of my improvement, when the tape is adjusted one arm *f* of the clasp is inserted inside the upper end of the stocking B, as shown in Fig. 2. The hook end of the clasp is then forced onto the head *g*, crowding the stocking around said head and securing the clasp thereto in a manner which will be readily understood without a more explicit description. The arms *b f* being of appreciable length render the device applicable for use with stockings varying in length, avoiding the necessity of vertical adjustment of the clasp.

The form shown in Fig. 1 is particularly adapted for use by women, one end only of the tape *i* being secured to the clasp, the opposite end being attached to the garments of the wearer. This form is shown as constructed of a strip of spring-wire, the inner ends of the arm adjacent to the portion *h* of the arms being bent inward at *m* to form supplemental springs, so that the tension of the strap *i* on the clasp will tend to spread said arms and bind the loop or hook *d* onto the head *g* in manner above described.

It will be understood that the hook *d* may be substituted by any form of loop which is applicable to receive the head or projection on the companion spring-arm and clamp the cloth against said head. The clasp may be died from a single sheet of metal, as shown in Figs. 1 and 2, or may be formed from a strip of spring-wire bent into the required shape, as shown in Fig. 3.

Having thus explained my invention, what I claim is—

In a hose-supporter, the clasp A, comprising an approximately-U-shaped spring having a button or head on one of its arms and a hook or loop forming a horizontal opening on the opposite arm, in combination with a tape secured to said spring and adapted to spread said arms, substantially as described.

PHILANDER F. DANIELS.

Witnesses:

O. M. SHAW,
K. DUFFEE.