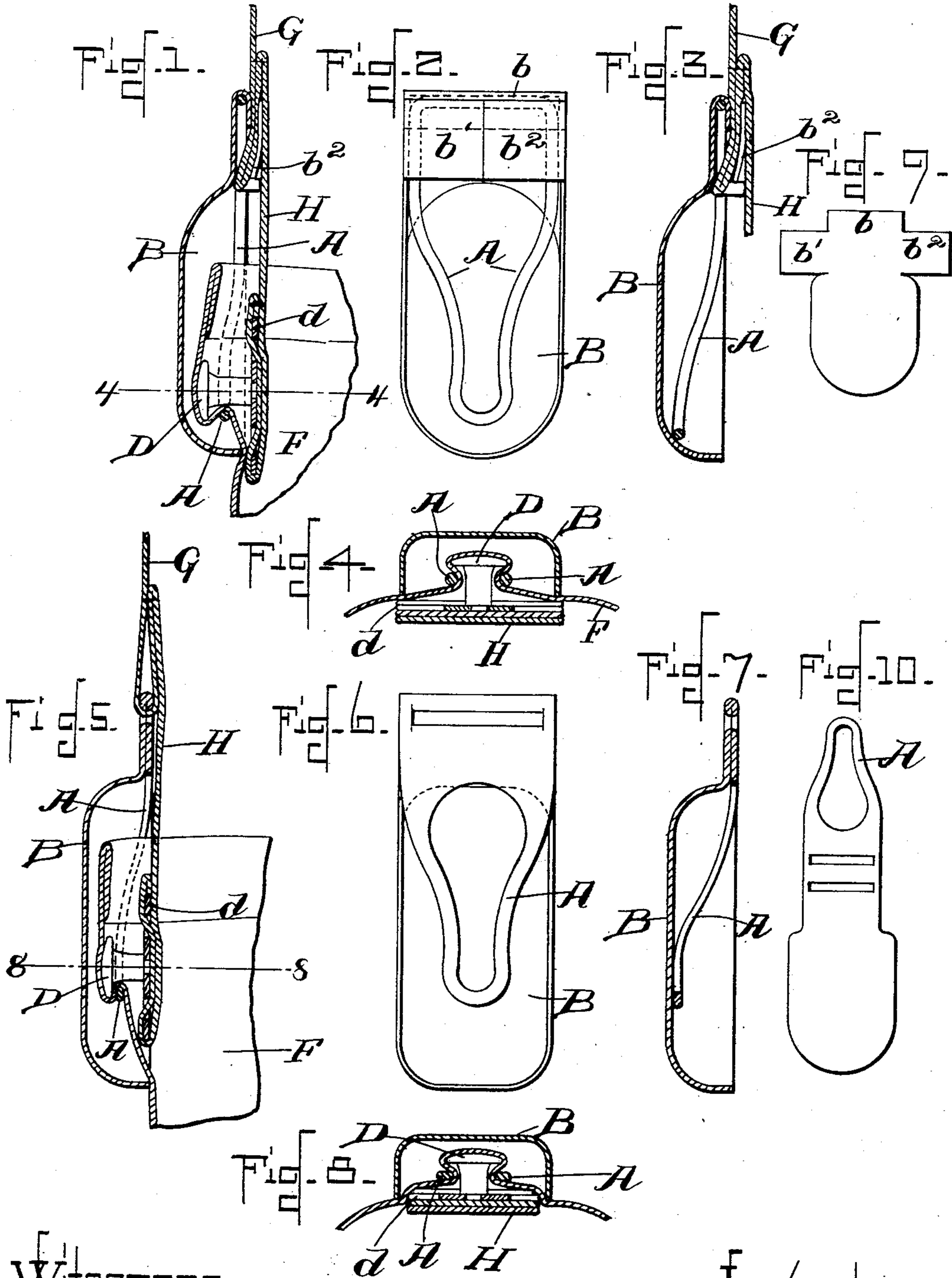


(No Model.)

L. D. DRAPER.
STOCKING SUPPORTER.

No. 591,915.

Patented Oct. 19, 1897.



Witnesses.

Charles T. Blocker.
John R. Snow.

Inventor.

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UNITED STATES PATENT OFFICE.

LUCIUS DANA DRAPER, OF BOSTON, MASSACHUSETTS.

STOCKING-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 591,915, dated October 19, 1897.

Application filed May 7, 1897. Serial No. 635,459. (No model.)

To all whom it may concern:

Be it known that I, LUCIUS DANA DRAPER, of Boston, in the county of Suffolk and State of Massachusetts, have invented an Improved Stocking-Supporter, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 is a lengthwise section of one form of my improved stocking-supporter, enlarged for clearness, showing a portion of the stocking in place. Fig. 2 is an elevation, and Fig. 3 a lengthwise section, omitting the holding-stud. Fig. 4 is a section on line 4 4 of Fig. 1. Figs. 5, 6, 7, and 8 are like views of a modified form. Fig. 9 shows the sheet-metal blank used in one form, and Fig. 10 the sheet-metal blank used in the other form.

My invention is a stocking-supporter composed of a loop, a stud, a supporting-strap for the loop, and a stud-holding strap, on the familiar principle of the so-called "Lindsay" supporter, but with the addition of a box whose lower edge extends alongside of the loop and which is secured to the larger end only of the loop, which acts as a spring, the box and loop together acting as a spring-clamp, when in use, to hold the lower edge of the box against the stocking, as is fully shown in Figs. 1, 4, 5, and 8.

In one form of my invention the stocking is clamped between the edge of the box and the stud-holding plate, as in Figs. 1 and 4, but in the other form the lower edge of the box is held down against the stocking and presses the stocking against the leg of the wearer.

The new features are that the loop A and box B are united only at the larger end of the loop, and the loop slants, as shown in Figs. 3 and 7, so that its small end is near to or against the inner surface of the box; and when the stud D, with the stocking F over its head and confined by the loop about its shank, is moved toward the small end of the loop A the slant of the loop will be reduced and the loop will act as a spring to embed the edge of the box into the stocking F, as will be clear from Figs. 1, 4, 5, and 8.

In Lindsay supporters as heretofore made when the supporting-strap G becomes slack the loop will fall away from the stud, thus releasing the hold of the supporter upon the stocking; and while various plans for obviating this objection have been tried, I am the first to combine a box and a slanting loop

secured together only at the large end of the slanting loop, leaving the free end of the loop free to act as a spring and hold the edge of the box always against the stocking, thereby retaining the hold of the article upon the stocking when the supporting-strap G is slack. The spring action of the small end of the loop is certain, for the reason that the loop and the box are secured together only at the large end of the loop, and the loop slants, as shown in Figs. 1 and 5, when in use. The box also has other advantages, as will be plain; but in particular it prevents the small end of the loop from catching in the garments worn over the supporter, and enables the loop to be so much slanted that when the loop and box are united the free end of the loop will be in spring contact with the inner surface of the box, and this is important for the best results.

One style of my supporters I make from the blank shown in Fig. 9 and a loop A of wire, the box B being secured to the loop A and supporting-strap G by bending the ear *b* over the cross-piece at the larger end of loop A, and bending the ears *b'* *b''* over a fold in the supporting-strap and over the upper side portions of loop A. The stud-holding strap H is shown as one piece with the supporting-strap G, as that is the most convenient way of making it. The stud D and its holding-plate *d* are of usual construction.

In the other style the blank shown in Fig. 10 is first formed and after being stamped the blank is bent near its middle and the upper end of the loop portion A is soldered or otherwise secured to the contiguous part of the box B. The tumbling to smooth off the raw edges is preferably done before the stamped blanks are bent.

What I claim as my invention is—

The improved stocking-supporter above described, comprising the box B and the loop A slanted as shown and secured at its larger end only to the box B; such box secured to the larger end only of loop A; a supporting-strap G carrying the slanting loop and the box; a stud-supporting strap H, and a stud D connected to the supporting-strap G by the strap H; all combined and operating as and for the purpose specified.

LUCIUS DANA DRAPER.

Witnesses:

H. P. GUILLO,
JOHN R. SNOW.