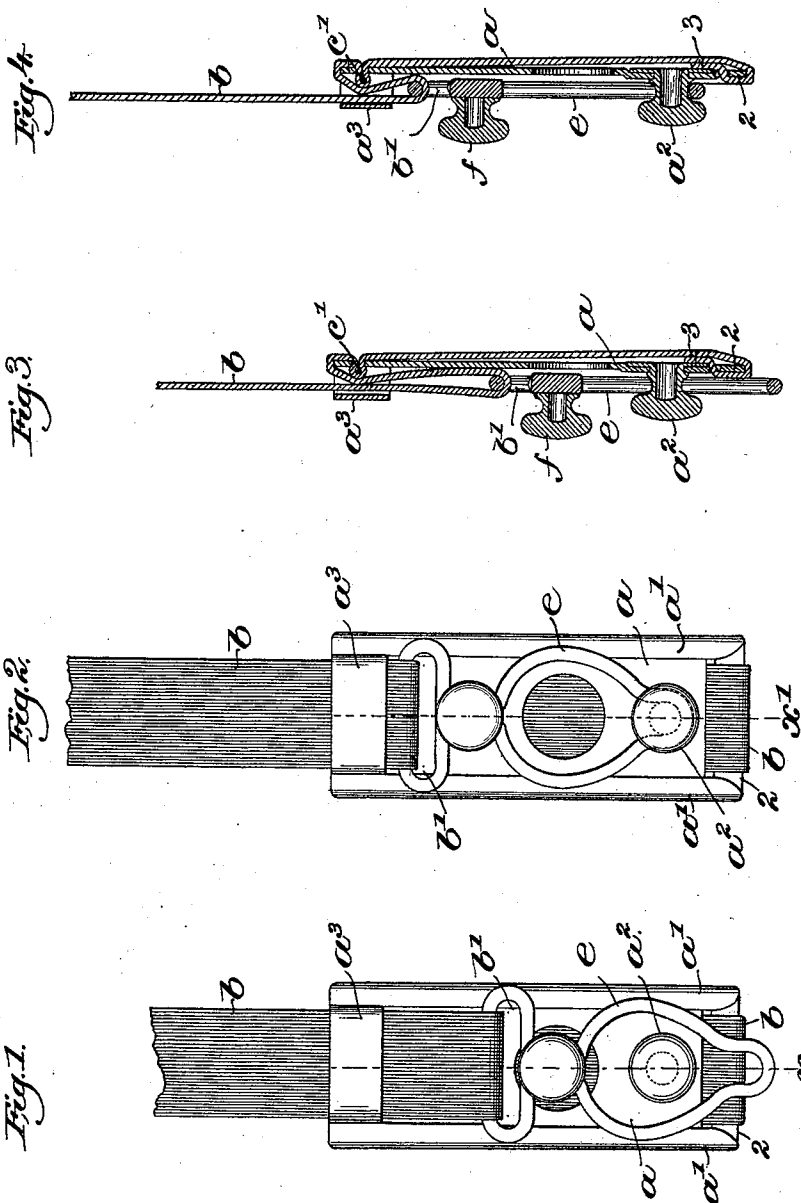


(No Model.)

L. G. ABBOTT.
CATCH FOR SUPPORTING STOCKINGS.

No. 498,218.

Patented May 23, 1893.



Witnesses:
Louis N. Gowell
Edward F. Allen.

Inventor:
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attys.

UNITED STATES PATENT OFFICE.

LEONARD G. ABBOTT, OF SYRACUSE, NEW YORK, ASSIGNOR OF THREE-FIFTHS TO WILLIAM W. GUILFORD, OF WEST MEDFORD, AND RUFUS E. PERKINS, OF SALEM, MASSACHUSETTS.

CATCH FOR SUPPORTING STOCKINGS.

SPECIFICATION forming part of Letters Patent No. 498,218, dated May 23, 1893.

Application filed October 10, 1892. Serial No. 448,353. (No model.)

To all whom it may concern:

Be it known that I, LEONARD G. ABBOTT, of Syracuse, county of Onondaga, State of New York, have invented an Improvement in Catches for Supporting Stockings, &c., of which the following description, in connection with the accompanying drawings, is a specification, like letters and numerals on the drawings representing like parts.

10 This invention has for its object to improve and simplify that class of catch wherein the stud and loop grasp and hold between them a portion of the garment or fabric to be supported.

15 In accordance with my invention a plate having a stud has co-operating with it a suitable loop, said loop being connected loosely with and so as to slide in a bight of a piece of woven web, the latter being so arranged, substantially as will be described, that the greater
20 the strain on the web in keeping the stocking or other garment in place the more powerful the hold of the loop and stud upon the fabric.

Figure 1 shows a catch embodying my invention, the loop being represented as removed from the stud or in its inoperative position. Fig. 2, is a like view, with the loop in operative position or supposed to be under strain through the web. Fig. 3 is a longitudinal section in the dotted line *x*, Fig. 1; and Fig. 4, is a longitudinal section on the dotted line *x'*, Fig. 2.

25 The base of the catch consists of a metallic plate *a*, and preferably it will have its longer edges *a'* overturned to not only finish the base, but also to stiffen the same longitudinally. The plate *a* has connected to it a stud *a*², preferably headed, on and about which will be laid the fabric which may be part of a stocking or other wearing apparel which is to be caught and held firmly by the catch.
30 The plate *a* also has a suitable web-guide or eye *a*³ for the web *b*, which latter may be of any usual material, preferably, however, of non-elastic material, or a web without rubber, although a rubber web might be used without departing from my invention, the non-elastic fabric being in some instances preferable because of the liability of rubber to rot in wear. The plate *a* is slotted at or near that

end and provided with the stud to leave a cross-bar 2 about which is bent one end of the web *b*, the said web being thereafter secured to the main body of the web preferably by stitches as at 3. The web *b* is led along the back of the plate *a* so as to cover the back as in Fig. 3, and at the opposite end of the plate there is a slot through which is passed a folded portion of the web, the fold being entered by a suitable pin *c'*, thus confining the web to the upper end of the plate.

60 From the upper end of the plate *a* the web is led through the guide-eye *a*³ and through a sort of eye *b'* made at the upper end of the loop *e* which is to co-operate with the stud *a*² and thence the web is led back through the guide-eye *a*³, the portion of the web embraced by the loop and located between it and the guide-eye constituting what I call a bight or fold or loose loop upon which the eye slides and rises, the web after it is passed through the guide-eye going up and being attached to other well known portions of the stocking supporter.

It will be readily seen by inspection of the drawings Figs. 1 and 3, where the loop *e* is shown as drawn down, that the bight in the web is lengthened.

To use the catch, the loop *e* will be drawn down substantially as in Figs. 1 and 3, and the fabric, stocking, or whatever it may be, having had a portion thereof laid upon the stud *a*², the user of the catch by a thumb-piece or projection *f* will draw the loop from its position Figs. 1 and 3, into the position Figs. 2 and 4, in which position it will be understood the garment or stocking will be grasped between the loop and the stud. The loop will be retained in its operative position Figs. 2 and 4, by the strain put upon the web *b* at or from the usual belt surrounding the waist, and in use the bight in the web will be drawn up short, as best represented in Figs. 2 and 4, and it will be observed that the greater the strain upon the web *b*, the more firmly and securely the loop will hold the fabric in contact with the stud.

In another application, Serial No. 448,352, filed October 10, 1892, I have shown a catch

composed of two plates, one having a stud and the other a loop, one being movable on or with relation to the other, but in that application the web is not connected with the
5 loop by a bight in the web, the length of which is changed during the use of the catch.

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

10 1. A catch for stocking supporters and the like, consisting of a metallic back plate having a stud, and a web guide-eye therein; a web; and a loop adapted to co-operate with the said stud, said loop hanging below the
15 said web guide-eye, the strain on the web measuring the extent of the holding capacity of the loop and stud, substantially as de-

scribed, in an expansible bight of the web through the guide-eye.

2. A stocking supporting catch, composed 20 of a metallic back plate having a stud, and a web guide-eye at its front side; and a metallic loop adapted to hang between said stud and guide-eye on the expansible bight or loop of a web extended through the guide-eye and 25 to co-operate with said stud, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LEONARD G. ABBOTT.

Witnesses:

G. W. GREGORY,
M. J. SHERIDAN.