

No. 815,906.

PATENTED MAR. 20, 1906.

D. H. CROSSER.
GARMENT SUPPORTER.
APPLICATION FILED APR. 13, 1905.

Fig. 1

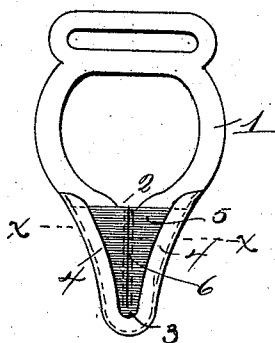


Fig. 3

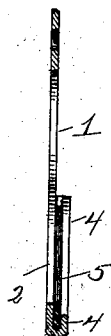


Fig. 2

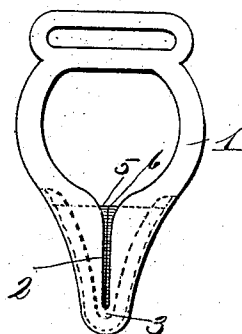


Fig. 4.



Fig. 5

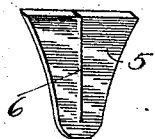
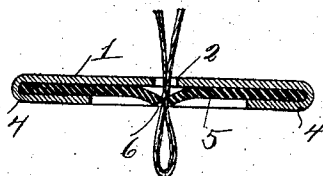


Fig. 6.



Witnesses
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UNITED STATES PATENT OFFICE.

DAVID H. CROSSER, OF CLEVELAND, OHIO.

GARMENT-SUPPORTER.

No. 815,906.

Specification of Letters Patent.

Patented March 20, 1906.

Application filed April 13, 1905. Serial No. 255,430.

To all whom it may concern:

Be it known that I, DAVID H. CROSSER, a citizen of the United States, and a resident of Cleveland, county of Cuyahoga, State of Ohio, have invented certain new and useful Improvements in Garment-Supporters, of which I hereby declare the following to be a full, clear, and exact description, such as will enable others skilled in the art to which it ap-
10 pertains to make and use the same.

The objects of the invention are to provide a garment-supporter which will not tear and injure the clothing and which will afford means for the quick attachment to and
15 ready detachment from the supported article of clothing.

I am aware that garment-supporters are old provided with V-shaped grooves in which a corner or fold of the goods to be sup-
20 ported is inserted, the tension thereon being entirely obtained by the increased grip upon the goods as the goods are pulled down toward the lower end of the slot. I am also aware that metallic supporters provided with
25 V-shaped holding-slots have heretofore been protected by some form of non-metallic covers or edges for the groove which will not tear the goods as readily as the hard metal forming the body of the supporter. These pro-
30 tected edges have heretofore been separated to form open slots and have consisted of coatings of bone, celluloid, or rubber, and the efficiency thereof has been limited to softening or smoothing the metal edges of the slot. In
35 the present invention, however, my aim is to obtain increased efficiency and practicability over these inventions and to obtain greatly-increased gripping and holding capabilities, while simultaneously providing increased pro-
40 tection for the goods from direct contact with the metal slot.

The invention consists in the metallic support or backing provided with a longitudinal groove closed at the lower end and in the
45 elastic or flexible plate superimposed thereon and rigidly secured thereto at the outer edges, thus leaving the central portion free to move in and out from the metallic backing. A single vertical cut centrally divides this plate
50 and extends nearly to the lower end.

The invention is further described in the following specification, illustrated in the accompanying drawings, and specifically pointed out in the claims.

55 In the accompanying drawings, Figure 1 is a front view of the device. Fig. 2 is a rear

view thereof. Fig. 3 is a vertical central section; Fig. 4, a transverse section on line $x x$, Fig. 1. Fig. 5 is a separate view of the flexible plate; and Fig. 6 is an enlarged transverse
60 section of the device similar to Fig. 4, showing the action of the edges of the flexible plate to prevent the withdrawal of the goods when inserted from the back of the supporter between the cut edges of the flexible plate,
65 the cut edges being thrown outward and the thickness of the goods preventing the edges from returning again to the original plane.

In the views, 1 is the metallic backing, provided with the vertical slot 2 in its lower end,
70 closed at 3. 4 4 are the recurved or backwardly-turned lower edges of the metallic backing. Partially inclosed and supported by these is the flexible plate 5, which lies upon the lower end of the metallic backing
75 and covers the lower and outer surface thereof and also the slot. This flexible plate is centrally divided by means of a vertical cut 6, the edges of which are always in close
80 contact except when pushed outwardly by means of a fold of goods or fabric inserted from the rear through the slot 2 in the metal backing. These edges are free to move out-
85 wardly and separate to inclose the goods; but having the solid metal backing it is impossible to withdraw the goods therefrom except by a vertical upward movement, since the
90 harder the pull backward the more strongly the edges of the flexible plate will grip upon the goods and the more firmly the goods will be retained thereby, since the act of pulling
95 upon the goods will close the edges more firmly upon them. The flexible plate can be made of rubber, leather, or analogous substances; but of all substances soft rubber is
100 preferable, since it is not softened by dampness or affected by changes of heat or cold. I do not claim, however, the precise materials of which the device is constructed or the exact size or shape of the flexible plate or the
105 amount of area thereof inclosed by the overlapping edges of the metal backing, as such are not of the spirit of the invention.

In the drawings the opening between the edges of the slot is shown to be narrower than
105 the opening between the inner edges of the recurved portions of the metallic backing. Thus while the fabric could readily be inserted from the rear, since the broader opening at the front would permit of such action, it
110 could not be withdrawn, since the rubber would yield outward through the broader

slot, but could not yield backward on account of the narrowness of the opening of the slot behind it.

I am aware that a lining of soft material has been employed to soften the edges of a vertical slot in a garment-supporter; but in such devices the keeper has formed the slot, and there has been no employment of a slot of one width of opening and keeper edges having a greater width of opening, and no such action as that of my device has been possible.

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

1. The combination in a garment-supporter, of a metallic backing-piece having a vertical slot in its lower extremity closed at the lower end, recurved edges for said plate approaching one another in front of said backing-piece, but separated to form a vertical opening broader than said before-mentioned slot, and a flexible plate having its outer edges inclosed between said backing-piece and the recurved edges of the same, and provided with a vertical cut in the center, substantially as described.

2. The combination in a garment-sup-

porter, of a backing-piece provided with a vertical slot, integral recurved edges for said plate separated in front by a wider opening than said slot, and a flexible plate inserted underneath said recurved edges, and provided with a central cut, whereby a portion of a garment may be inserted transversely through said slot, cut and opening from the rear, but cannot be withdrawn in the same direction, substantially as described.

3. In a garment-supporter, a backing-piece provided with a vertical slot, recurved edges for said backing-piece extending in front of the sides of the said backing-piece, and separated in front by an opening wider than said slot, a flexible plate secured underneath said recurved edges and provided with a vertical cut, said flexible plate being of approximately the same thickness as the said slot, substantially as described.

In testimony whereof I hereunto set my hand this 10th day of April, 1905.

DAVID H. CROSSER.

Witnesses:

WM. H. MONROE,
GEO. S. COLE.