G. HAKE.

GARMENT SUPPORTER.

APPLICATION FILED MAR. 9, 1916.

1,243,061. Patented Oct. 16, 1917.

Fig. I.

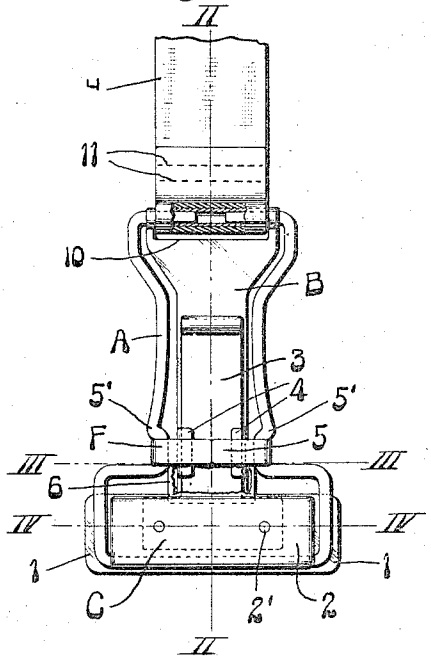


Fig. II.

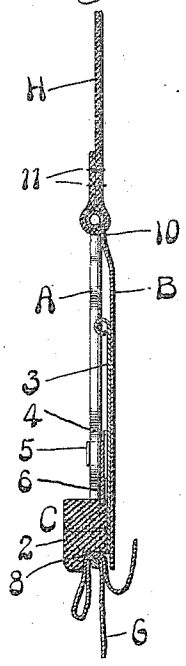


Fig. III.

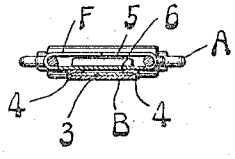


Fig. IV.

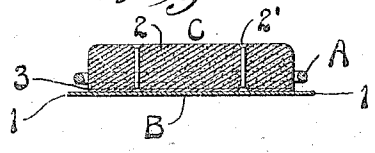
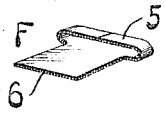


Fig. V.



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GARMENT-SUPPORTER.

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To all whom it may concern:

Be it known that I, GEORGE HAKE, a citizen of the United States of America, a resident of the city of St. Louis, State of Missouri, have invented certain new and useful Improvements in Garment-Supporters, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, forming a part of this specification.

My invention relates to improvements in garment supporters, the object being to produce a garment supporter having a strong, simple and inexpensive fastening device adapted to firmly grip a portion of a garment. The preferred form of the invention comprises a garment receiving loop and a fastening device including a carrier arm to which said loop is hinged, and a keeper movably fitted to said carrier arm, said keeper and carrier arm being adapted to cooperate with each other to secure a portion of the garment in the loop.

Figure I is a front elevation, partly in section, of a garment supporter constructed in accordance with the invention, a portion of the latch member being broken away.

Fig. II is a vertical section on line II—II, Fig. I.

Fig. III is a transverse section on line III—III, Fig. I.

Fig. IV is a section on line IV—IV, Fig. I.

Fig. V is a detail view of the latch member for securing the keeper in the loop.

A designates a garment receiving loop the lower portion of which is enlarged to receive a portion of a garment, and a fastening device for securing the garment.

The fastening device preferably includes a stiff carrier arm B and a keeper C slidably fitted to said carrier arm. The carrier arm B is preferably a piece of sheet metal in the form of an inverted T, and its upper end is preferably bent around the yieldable upper end portion of the loop A to form a pivotal connection between said parts, thereby hinging the loop to the carrier arm. The lateral extensions 1, at the lower end of the carrier arm B, overlap portions of the wire loop A, so that said carrier arm B cannot be forced entirely through said loop. The keeper C has an enlarged head 2 and a sheet metal operating arm 3 secured to and extending upwardly from said head 2. The operating arm 3 is preferably secured to the keeper 2 by means of rivets 2′ or other suitable fastening means. 4 designates guides formed by bending portions of the sheet metal carrier arm B. The operating arm 3, which extends from the head 2 of the keeper, is slidably fitted to the guides 4.

The means for locking the keeper C in the garment receiving loop includes a latch member F (Fig. V) having a loop 5 and a tongue 6 extending downwardly from said loop 5, a portion of the tongue 6 being broken away in Fig. I. The loop 5 of the latch member F surrounds the side members of the garment receiving loop, the latter being offset to produce a pair of yieldable detents 5′ for locking the latch member in the position shown in Figs. I and II. The garment receiving loop A is preferably of yieldable wire, a pair of side members having end portions turned end to end and inclosed by and slidably fitted to the tubular upper end of the sheet metal member B.

The lower end of the keeper 2 is provided with a recess 8 (Fig. II) for the reception of a portion of the garment G and the lower member of the loop A. It will be noted that one side of this lower member is lapped by the keeper 2 and that its opposite side is lapped by the carrier arm B.

When the parts occupy the positions shown in the drawings, the tongue 6 of the latch member F engages the keeper head 2, thus locking all of the parts in their operative positions, the garment G being securely held on the lower portion of the loop A by means of the keeper and the carrier arm B to which the keeper is fitted. The garment may be released by pressing the yieldable side members of the loop A toward each other, thereby releasing the detents 5′ from the latch device F, and then moving the keeper upwardly from the position shown in Figs. I and II. This will release the keeper from the wire loop A, and the keeper may then be withdrawn from the loop. In securing the device to a garment, a portion of the garment G is placed in the lower portion of the loop A; the carrier arm B is then turned on the axis of its pivot at the upper end of loop A, to locate the keeper C in the loop. Thereafter, the slidable keeper is forced downwardly to clamp the garment onto the lower member of the loop, and when the keeper occupies its operative position the latch device F may be forced downwardly to secure all of the parts.

H designates an elastic suspension strap passing through a slot 10 near the upper end of the carrier arm B, the lower portion of said strap H being folded around the upper ends of the loop A and arm B, and then secured by means of stitches 11.

I claim:—

1. A garment supporter comprising a yieldable garment receiving loop, a carrier arm to which said loop is hinged, a keeper slidably fitted to said carrier arm, said carrier arm being movable to locate the keeper in the loop, said keeper being movable in the loop to secure a portion of a garment therein, and a latch device held from movement by said yieldable loop to secure all of said parts in their operative positions.

2. A garment supporter comprising a yieldable garment receiving loop, a carrier arm to which said loop is hinged, a keeper slidably fitted to said carrier arm, said carrier arm being movable about the axis of its hinge to locate the keeper in the loop and said keeper being movable in the loop to secure a portion of a garment, said keeper being provided with a recessed head adapted to receive a portion of the garment, and a latch device slidably fitted to and adapted to engage and be held by said loop to secure all of said parts in their operative positions.

3. A garment supporter having a garment receiving loop, the lower portion of which is enlarged, a stiff carrier arm to the upper portion of which said loop is hinged, said arm being provided with an enlarged lower portion adapted to engage one side of said loop, a keeper having an enlarged lower portion adapted to overlap the opposite side of said loop, said carrier arm being provided with a guideway to which said keeper is slidably fitted, and said loop being provided with yieldable portions, and a latch device fitted to and adapted to be held by said yieldable portions to secure all of said parts in their operative positions.

4. A garment supporter comprising a yieldable garment receiving loop, a keeper adapted to be inserted into said loop to secure a portion of a garment therein, said yieldable loop having side members one of which is provided with a detent, and a latch device fitted to said side members and adapted to coöperate with said detent to secure said keeper in said loop.

GEORGE HAKE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."