E. JOHNSON.

GARMENT FASTENER.

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918,160. Patented Apr. 13, 1909.

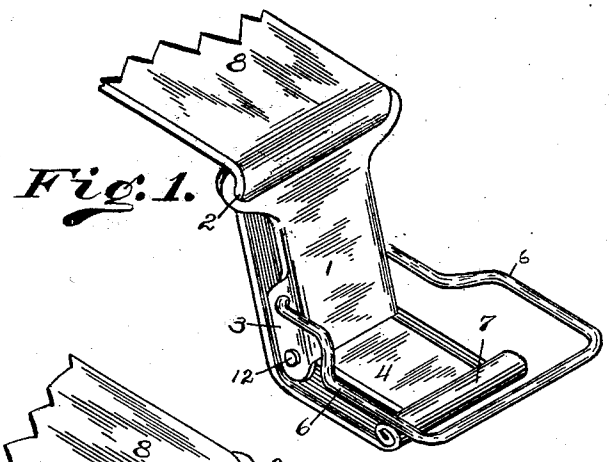


Fig. 1.

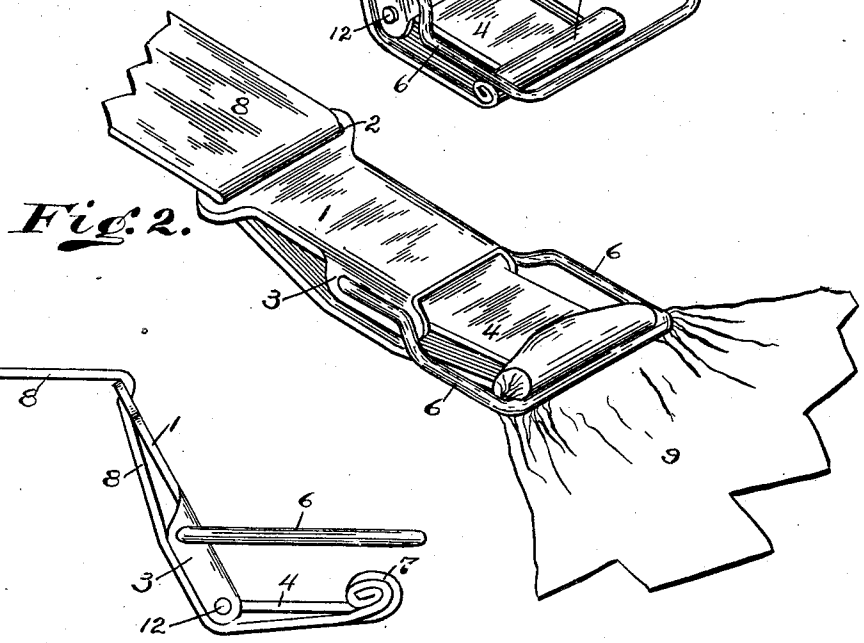


Fig. 2.

Fig. 4.

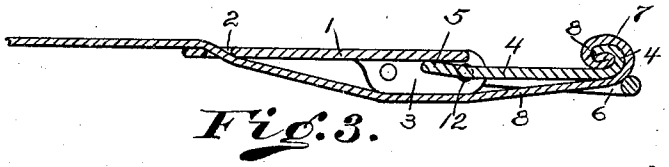


Fig. 3.

Witnesses

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GARMENT-FASTENER.

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To all whom it may concern:

Be it known that I, EDWARD JOHNSON, a citizen of the United States, residing in Cincinnati, county of Hamilton, and State of Ohio, have invented certain new and useful Improvements in Garment-Fasteners, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to devices more particularly for the fastening of hose and the like to supporting webbing, and it consists of that certain novel construction and arrangement of clamping devices to be hereinafter particularly pointed out and claimed.

The special purpose of my invention is to provide a clamp comprising a minimum number of parts, and readily and easily constructed and applied to the webbing, and in which a cushion roll is employed coöperating with a metal loop wide at the clamping end for clamping the garment, whereby the strain on the goods to be secured may be distributed over a substantial width of the material, and thus the tearing out or rupture of the goods prevented.

In the drawings Figure 1 is a perspective view of my improved fastener in open position. Fig. 2 is a similar view in closed position, grasping the material. Fig. 3 is a central longitudinal section of the fastener in closed position. Fig. 4 is a side elevation in the position shown in Fig. 1.

1 is a plate preferably of metal formed with a transverse slot 2 at one end, with the side edges of the plate preferably turned down to form side flanges for a portion of the length of the plate. In these flanges near the end edge of the plate 1 is pivoted or hinged at 12 a tongue 4, and this tongue is provided with a lip 5, shown in Fig. 3, which bears against the under surface of the plate, so that the hinged members 1 and 4 can only flex in one direction. Pivoted or hinged also to the plate 1, preferably in the side flange 3—3 is a metal loop 6. This loop 6 is wider at its outer end than the roll of cushion material secured to the tongue, as will be hereinafter described, and the tongue 4, throughout its middle portion is narrower than said roll, so that ample space is provided to the rear of the roll between the sides of the loop and the sides of the tongue.

7 is the roll of cushion material, which is carried by and extends across the tongue, preferably on its upper surface between the inner edges of the sides of the loop 6.

8 is the strip of webbing of the hose supporter, or other suspension device, and this strip is threaded through the transverse slot 2 carried underneath the plate 1, and tongue 4, and secured at the outer end of the tongue.

As a simple way to form the roll of cushion material, and to secure same on the outer end of the tongue with the webbing attached thereto instead of attaching a separate roll I roll the web 8 and the outer end of the tongue 4 together, as shown in Figs. 3 and 4, thus forming the roll on the tongue at the same time that the web is secured.

In order to use the fastener, the tongue is flexed at its hinge with the plate 1, and brought outside the loop 6, as shown in Figs. 1 and 4. The hose 9, or other garment, to be supported is gathered over and around the cushion roll 7, and the tongue is then pushed up through the loop 6, or the loop brought down over the tongue. Any pull then on the web 8 draws out or straightens the tongue 4, until the plate 1 and tongue 4 are in substantially the same plane, when the tongue is stopped by the stop 5 bearing underneath the plate 1, while the garment to be supported is gathered in and behind the roll of cushion material, and over and around the same, and inasmuch as the tongue when extended as described is too long to allow the loop 6 to pass over the same, as soon as the webbing is drawn upon, the goods will be firmly clasped and securely held. At the same time, by reason of the length of the roll of cushion material, and the gathering in of the goods behind and around the roll, the tension on the goods is distributed, so that there is no likelihood of tearing or pulling out the threads, as is frequently the case where a narrow loop with a button head is employed to grasp the material, or where a narrow contracted loop is employed alone for this purpose.

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

1. A garment fastener, comprising two parts hinged together and means to prevent flexing in one direction, with a wide loop coöperating with one hinged part to form a clasp, and webbing for the supporter secured to the outer end of one of said hinged parts and loosely secured to the other hinged part.

2. A garment fastener, comprising two parts hinged together and means to prevent flexing in one direction, with a wide loop cooperating with one hinged part to form a clasp, said hinged part carrying a roll of cushion material extending the entire width of the loop within the side edges, and webbing for the supporter secured to the outer end of one of said hinged parts and loosely secured to the other hinged part.

3. In a garment fastener, the combination, with a webbing, of a metal loop wide at the clamping end, a plate loosely engaged by the webbing with which the loop has pivotal connection, a tongue hinged to said plate, to which the webbing is secured, with a roll of cushion material carried by said tongue, over which the garment to be secured is gathered.

4. In a garment fastener, the combination, with a webbing, of a metal loop wide at the clamping end, a plate loosely engaged by the webbing with which the loop has pivotal connection, and a tongue hinged to said plate to which the webbing is secured, said tongue providing a free space between the side edges thereof, and the sides of the loop, with a roll of cushion material carried on the end of said tongue, and extending between the side edges of the loop, whereby the garment to be secured may be gathered around and behind the roll.

5. In a garment fastener, the combination, with the webbing, of a loop wide at the clamping end, a plate engaged by the webbing and having pivotal connection with the loop, and an elongated roll of cushion material carried by said plate, with free space behind the roll and between the sides of the loop, whereby the garment to be secured may be looped around and behind the roll of cushion material.

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Witnesses:
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