

(No Model.)

E. & H. JOHNSTON.
GARMENT SUPPORTER.

No. 532,667.

Patented Jan. 15, 1895.

Fig. 1.

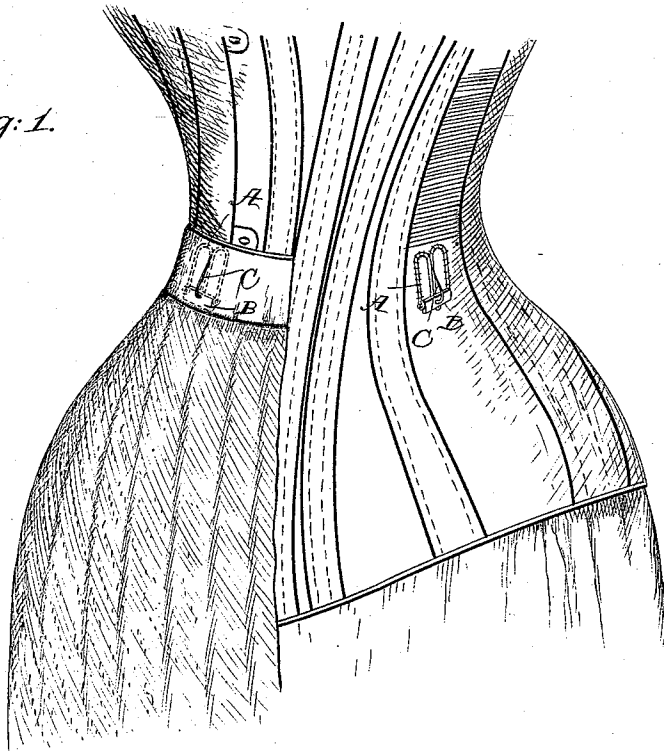


Fig. 2.

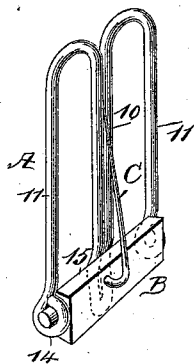
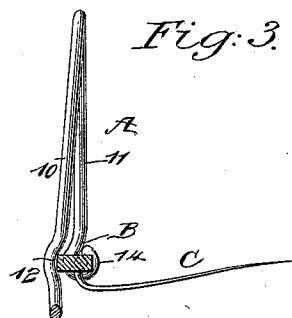


Fig. 3.



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GARMENT-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 532,667, dated January 15, 1895.

Application filed May 29, 1894. Serial No. 512,852. (No model.)

To all whom it may concern:

Be it known that we, EMMA JOHNSTON and HERBERT JOHNSTON, of Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and Improved Garment-Supporter, of which the following is a full, clear, and exact description.

Our invention relates to an improvement in garment supporters, and it has for its object to provide a device which will be exceedingly simple, durable and economic, and capable of attachment to one garment to support another in position.

A further object of the invention is to construct the supporter in such manner that the garment supported thereby may be expeditiously and conveniently applied to the supporter or removed therefrom, and whereby the supporter will act to securely hold the garment supported therefrom in secure engagement.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures and letters of reference indicate corresponding parts in all the views.

Figure 1 is a view illustrating the application of the supporter. Fig. 2 is a perspective view of the supporter, the pin thereof being in closed position; and Fig. 3 is a section taken centrally and longitudinally through the supporter, the pin being shown in open position.

The garment supporter may be said to consist of a frame A, an eccentric pintle B mounted in the frame, and a pin C carried by the pintle. The frame A is preferably made of wire and is in one piece, the wire being bent upon itself to form a spring tongue 10, and side bars 11, one at each side of the tongue. The tongue is made to extend down below the lower ends of the side bars, and is made to curve or incline toward what may be termed the front of the frame, being provided at or near the point at which the curvature commences with an indentation 12, recess, or the equivalent thereof. Each side bar 11 terminates in an eye or socket 14, and the said eyes

are adapted to receive and journal the extremities of the aforesaid eccentric pintle B. This pintle comprises a body section 15, which is rectangular or polygonal in cross section, with cylindrical reduced extremities by means of which it is journaled in the eyes of the frame. The body of the pintle has constant bearing against the tongue 10 of the frame. The pin C, is secured to the front face of the pintle, preferably at its center, and is carried outwardly therefrom a predetermined distance and is therefore curved in direction of the front face of the frame, whereby the pintle, which is of less thickness than width, when its wide rear face engages with the tongue 10, the pin engages with the lower portion of the tongue 10, and the upper portion of the pin will be in engagement with the upper portion of the said tongue, as shown in Fig. 2.

The entire frame, especially the tongue, acts in the capacity of a spring. Therefore the tongue will firmly hold the pin in its closed position when once carried thereto; and when the pin is carried downward to its open position, as shown in Fig. 3, the bottom and narrow portion of the body of the pintle will engage with and force rearward the spring tongue 10, and when the pintle enters the recess 12, which serves as a stop, what are normally the front and rear faces of the pintle will be the upper and lower faces, and the pin can not be carried farther downward, occupying at that time substantially a horizontal position.

The supporter is especially adapted for holding skirts upon the person, and when so employed the frame is sewed or otherwise attached to the corset, if one is worn, or to an equivalent article of apparel, in such position that the band of the skirt to be supported will be brought over the frame. Before placing the skirt in position, the various pins are carried downward away from the frames and the band of the skirt is then placed in proper position for the pins of the supporter to pass through it; and finally, by carrying the pins to their upper position the skirt will be supported by said pins in a secure manner and may be worn with much more freedom and convenience than if applied to the person in the ordinary way.

It will be observed that since the side arms of the frame as well as the tongue 10 are of spring material, when the eccentric pintle B is manipulated to throw the pin C to an open
 5 position, the strain is not sustained altogether by the tongue, but is shared by the side arms of the frame, the tongue moving in one direction while the arms move in an opposite direction, and the tendency of these members
 10 to approach one another insures the pintle remaining in such position.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

15 1. A garment supporter, the same consisting of a frame provided with a central spring tongue, and with said members at opposite sides of the tongue and adapted to be secured to the article which is to carry the support, an
 20 eccentric pintle journaled in the lower end of the frame and having constant bearing against the lower free end of the spring tongue, and a pin carried by the said pintle, adapted when the garment is in supported position to be
 25 forced against the frame by the action of the tongue upon the said pintle, substantially as shown and described.

30 2. A garment supporter, the same consisting of a frame comprising spring side bars provided with sockets, and a spring tongue

located between the side bars and provided with a stop near its free end, an eccentric pintle journaled in the side bars of the frame, having constant bearing against the free end of the tongue and adapted for engagement
 35 with the stop thereof when in one position, and a pin secured to the pintle and adapted for closing engagement with the frame and of being carried outward therefrom a predetermined distance, as and for the purpose set
 40 forth, whereby both the frame and tongue yield under the action of the pintle.

3. A garment supporter, the same comprising a frame consisting of a single piece of
 45 spring material bent upon itself to form a central tongue the tongue being provided with a stop, and a side bar at each side of the tongue, the side bars being made to terminate in sockets, an eccentric pintle journaled in the said
 50 sockets, held in constant engagement with the free end of the spring tongue, and a pin carried by the pintle, capable of locking engagement with the spring tongue or of being carried therefrom a predetermined distance, as and for the purpose set forth.

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Witnesses:

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