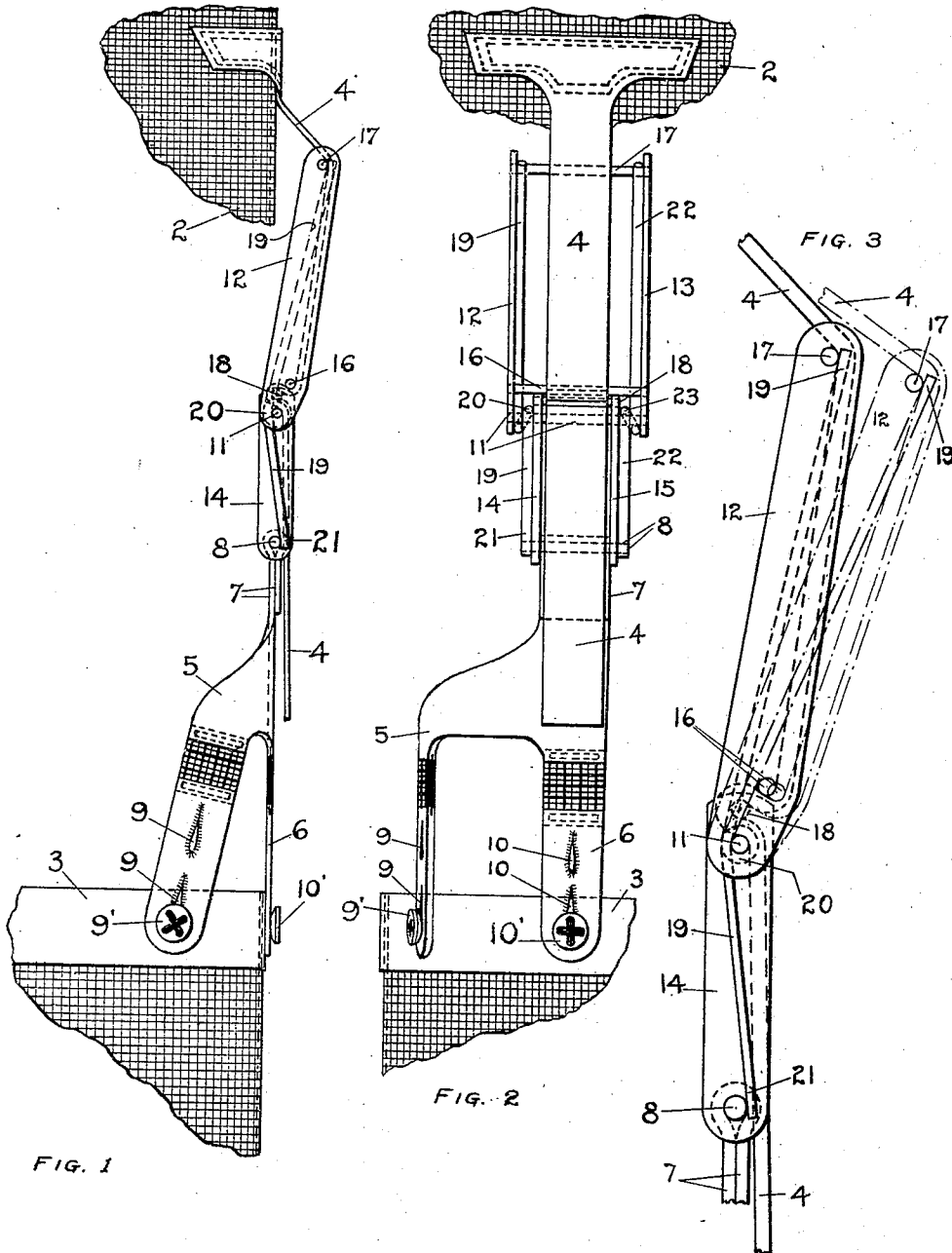


O. JOHNSEN.
 UNDERGARMENT SUPPORT.
 APPLICATION FILED MAR. 5, 1909.

945,545.

Patented Jan. 4, 1910.



WITNESSES.

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UNDERGARMENT-SUPPORT.

945,545.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, OLOF JOHNSEN, a citizen of the United States, residing at New Haven, New Haven county, Connecticut, have invented certain new and useful Improvements in Undergarment-Supports, of which the following is a specification.

My invention relates to improved means for simply, adjustably and quickly supporting a nether garment upon an upper garment, and particularly for supporting a person's drawers upon his under shirt, and to this end the invention consists in the novel construction, combination and arrangement of parts hereinafter described in detail, illustrated in the accompanying drawing and incorporated in the appended claim.

In the drawing—Figures 1 and 2 are elevations taken, respectively, in vertical planes at right angles to each other illustrating a device embodying my invention and fragments of the upper and nether undergarments. Fig. 3 is an enlarged detail view of the support broken away, the dotted lines indicating the relative positions of the parts during adjustment.

Referring in detail to the several views, 2 represents a portion of an undershirt and 3 a fragment of drawers to which the support is attached. To the under-shirt 2 is sewed, or otherwise suitably attached, a flexible strip of cloth or other suitable material. A similar flexible attachment for the drawers consists of two parts 5 and 6 joined in a single strip 7 secured to a cross pin or rod 8 of the interlocking portion of the support presently to be described. Each of the parts 5 and 6 is shown provided with a plurality of button-holes 9 and 10, respectively, to be buttoned on buttons 9' and 10' of the drawers 3.

The connecting, clamping, or adjusting device for the two parts attached to the garments comprises two links each made of flat vertical bars connected by cross bars and the two links are pivoted together on a cross pin or rod 11. The flat bars of the upper link are labeled 12 and 13 and those of the lower link 14 and 15. The vertical bars of the upper link are connected by cross pins or rods 16 and 17, one near each end of said link. The lower link is similarly constructed, one of the connecting cross pieces being the rod 8 at its lower end to which the strap

or strip 7 is attached and the other being an upper cross-rod 18. The two links are held in normal position relatively to each other with the aid of a pair of wire springs, one of these being a wire 19 adjacent to the link-members 12 and 14, the upper end of which rests against the forward side of the cross-rod 17, while its middle portion is wound around the pin 11 at 20 and its lower end 21 bears against the lower cross-rod 8 of the lower link.

The spring 19 is duplicated on the opposite sides of the links (Fig. 2) in a wire spring 22 which has a turn 23, similar to the one at 20 on the spring 19, engaging the opposite end of the pivot rod 11. Its ends likewise rest against the uppermost cross-rod 17 and lowermost cross-rod 8 of the links. The strip or strap 4 is adjustably held by the two links and passes from the under-shirt 2 in front of the rod 17, thence downwardly in front of the cross-rod 16, thence rearwardly over the cross-rod 18, thence forwardly over the cross-rod 11, and thence downwardly over the lower link where its end hangs loose as shown in all three of the figures.

The length of strip 4 engaged is quickly adjustable in the following manner. When the upper link is swung forward on its pivot the opening between the pin 16 and pin 18 is increased in size. The normal distance, as shown by full line, is made to be normally less than the thickness of the strip 4 so that when the pin 16 swings back from its dotted line position the strip will be clamped between said pins 16 and 18 and very firmly held. The release of the strip when so held is instantaneously effected by flexing the links, which may be done with the fingers of one hand, and pulling either up or down on the strip 4. When once adjusted the springs 19 and 22 will hold the links in normal position and firmly bind the strip 4 between the two pins or cross-rods 16 and 18. The greater the pull from opposite ends of the links the greater will be the grip upon the strip 4 because the cross-rod 16 is arranged to never be permitted to come fully into alinement with the rods 11 and 16 while the strip is in between them.

The links may be very inexpensively constructed, they not involving any compli-

cated or costly material, and their sizes and proportions may be varied in numerous ways.

Having described my invention I claim as new and desire to secure by Letters Patent.

The combination with an upper flexible strip to be attached to an upper garment, of a lower strip having branches to be buttoned to a lower garment, links connecting said strips, each of said links being formed of side-bars and cross-rods between and over which said upper strip is passed, by passing first over a pair of cross-rods on the upper link, thence under the lowermost of said pair of cross-rods, and over the uppermost cross-rod on the lower link, between which lowermost cross-rod of said upper link and uppermost cross-rod of said lower link said upper strip is clamped, said upper and lower links

being pivoted together on a pivot arranged below said uppermost and lowermost cross-rods whereby the space for the passage of said strip between said cross-rods may be varied to loosen or tighten same upon said strip by the flexing movements of said links upon said pivot, said lower strip being permanently attached to the lower link below said pivot, and springs for supporting said links in their normal relative positions, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

OLOF JOHNSEN.

Witnesses:

R. H. GRINDLE.

F. H. AVERY.