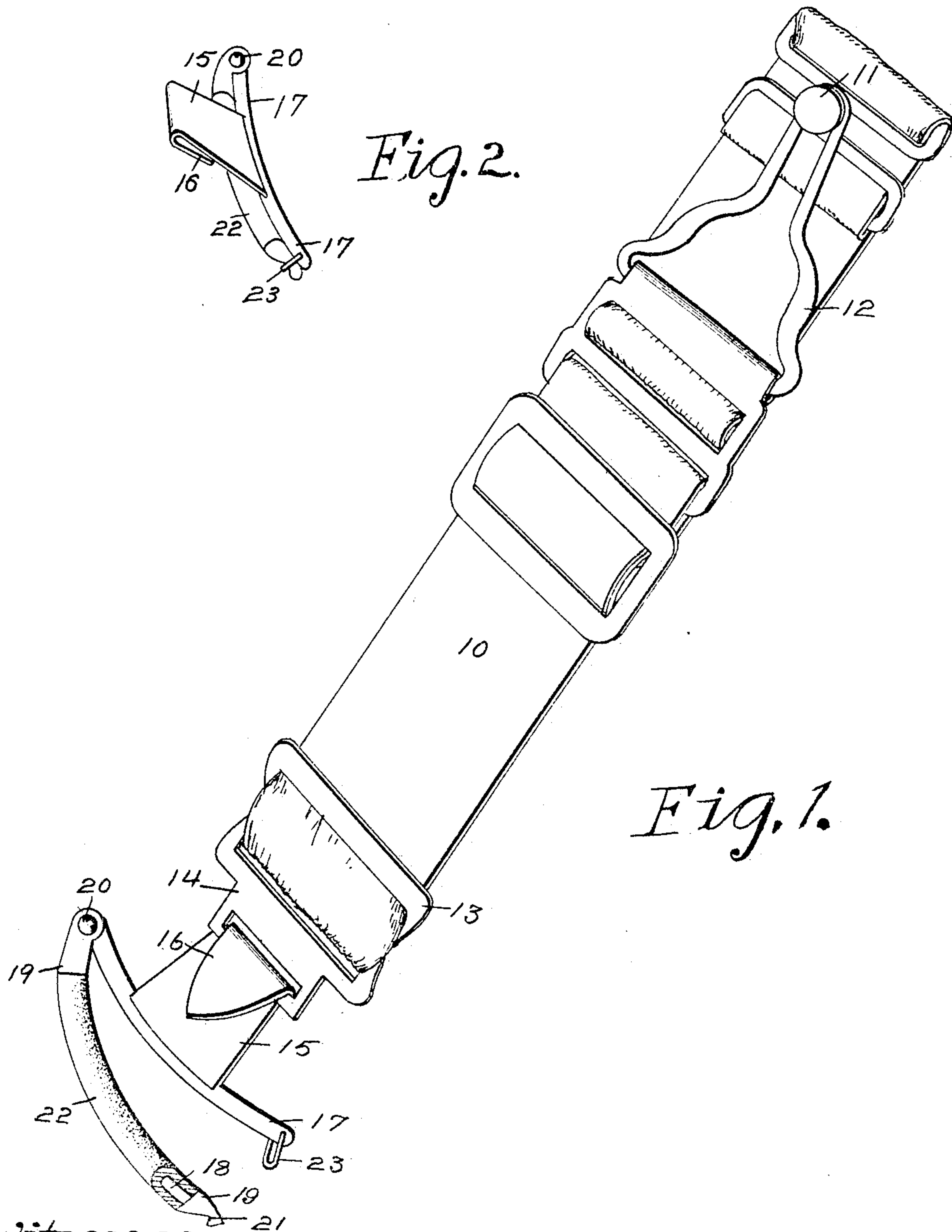


No. 781,769.

PATENTED FEB. 7, 1905.

S. F. ELLIS.
HOSE SUPPORTER.
APPLICATION FILED SEPT. 1, 1904.



Witnesses
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UNITED STATES PATENT OFFICE.

SAMUEL F. ELLIS, OF DES MOINES, IOWA.

HOSE-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 781,769, dated February 7, 1905.

Application filed September 1, 1904. Serial No. 222,938.

To all whom it may concern:

Be it known that I, SAMUEL F. ELLIS, a citizen of the United States, residing at Des Moines, in the county of Polk and State of Iowa, have invented a certain new and useful Apparel Hose-Supporter, of which the following is a specification.

The objects of my invention are to provide an apparel hose-supporter of simple, durable, and inexpensive construction to be applied to apparel-hose and to be capable of being readily attached to or detached from apparel-underwear and to fit the contour of the wearer's leg and so arranged that it will firmly support the apparel-hose and yet not impede the circulation of the blood through the wearer's leg.

My invention consists in the construction of the means for attaching the supporter to an undergarment and in the combination thereof with the means for attaching the device to apparel-hose, as hereinafter more fully set forth, pointed out in my claims, and illustrated in the accompanying drawings, in which—

Figure 1 shows the complete device in perspective, a part of the elastic cover for one of the undergarment-clamping members broken away to show certain details of construction, and Fig. 2 shows a perspective view of the undergarment-clamping device detached.

Referring to the accompanying drawings, the reference-numeral 10 is used to indicate an elastic web. At one end of the web is a device for detachably connecting the elastic web with apparel-hose. This device comprises a button member 11 and a loop member 12, both of the ordinary construction, the elastic web being connected with them in the ordinary way. At the other end of the elastic web is a plate 13, firmly connected to the elastic web and formed with an elongated eye 14 for purposes hereinafter made clear.

The device for connecting the supporter with an undergarment comprises a flat plate 15, having a tongue 16 turned to position substantially parallel with the plate and designed to pass through the elongated eye 14 to thereby pivotally connect the plate 15 with the plate 13. Formed on or fixed to the plate 15 is one of the clamping members of the device for attaching the supporter to an undergar-

ment. This part of the device constitutes a stationary jaw 17, which jaw is curved to fit the contour of a wearer's leg and is perfectly round in cross-section. Pivoted to one end of the stationary jaw 17 is the swinging jaw member, which comprises a rounded central portion 18, formed with shoulders 19 at its ends, one end thereof connected with the jaw 17 by the pivot-pin 20 and the other end formed with a hook 21. The entire swinging jaw is curved to fit against the curved jaw 17, and mounted upon the rounded portion 18 of this jaw is a flexible tube 22, preferably made of rubber. Pivoted to the free end of the stationary jaw 17 is a loop 23, designed to enter the hook 21 when the jaws are close together.

In practical use the supporter is first connected with apparel-hose in the ordinary way. Then a small portion of wearer's undergarment is drawn between the jaws 17 and 18. Then the jaw 18 is moved toward the jaw 17 and the part of the undergarment is firmly clamped between a rigid metal jaw 17 and a yielding cover 22 of the jaw 18. This yielding cover serves as a spring to hold the jaw 18 away from the jaw 17, and hence when the loop 23 is placed in engagement with the hook 21 the garment is clamped between a rigid surface 17 and a yielding surface 22, so that the garment cannot slip. Furthermore, garments of different thicknesses may be clamped between these jaws, because the cover 22 will yield enough to adapt the jaws to admit undergarments of different thicknesses between them and firmly hold undergarments of any of the ordinary thicknesses of material. In this way hose is supported by a device which does not pass around the wearer's leg and will not tend to impede the circulation of blood. Furthermore, the device for clamping the undergarments is readily adjusted and may be attached to the garment at any point and without injury to the garment, as there are no points in the attaching device to be passed through an undergarment.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States therefor, is—

1. The combination of two jaws pivoted together at one end, one of said jaws formed

with shoulders near its ends, a yielding tube mounted upon the central portion of said jaw with its ends in engagement with the shoulders and means for connecting the opposite
5 ends of the jaws.

2. In an apparel hose-supporter, the combination of a curved jaw member, a loop pivoted at one end thereof, a second curved jaw member pivoted to the other end thereof, said

second jaw member formed with shoulders 10 near its ends and a rounded central portion, and a yielding tube mounted upon the rounded central portion.

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Witnesses:

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