

No. 709,606.

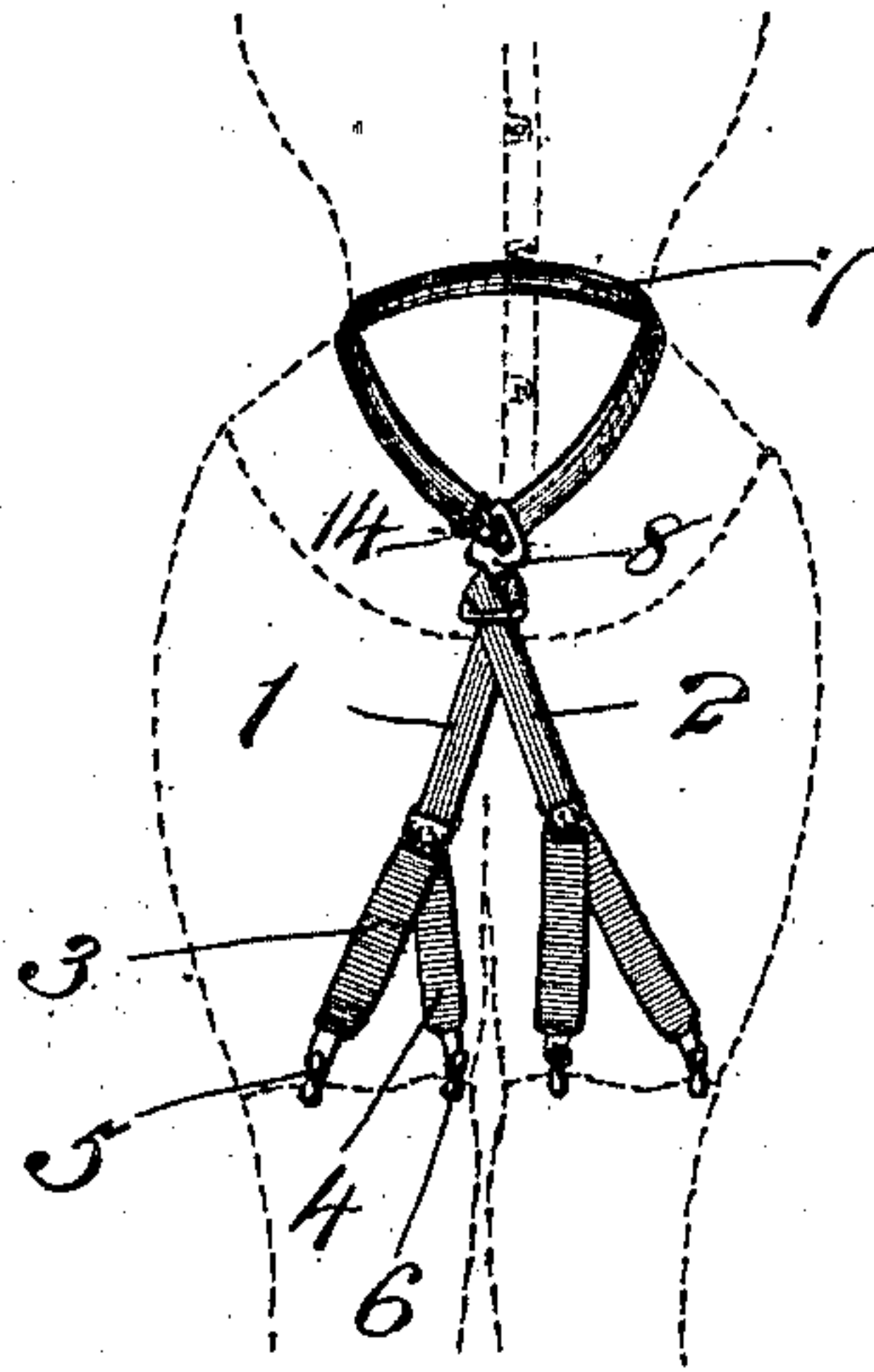
Patented Sept. 23, 1902.

L. A. NEGRAVAL.  
LADY'S HOSE SUPPORTER.

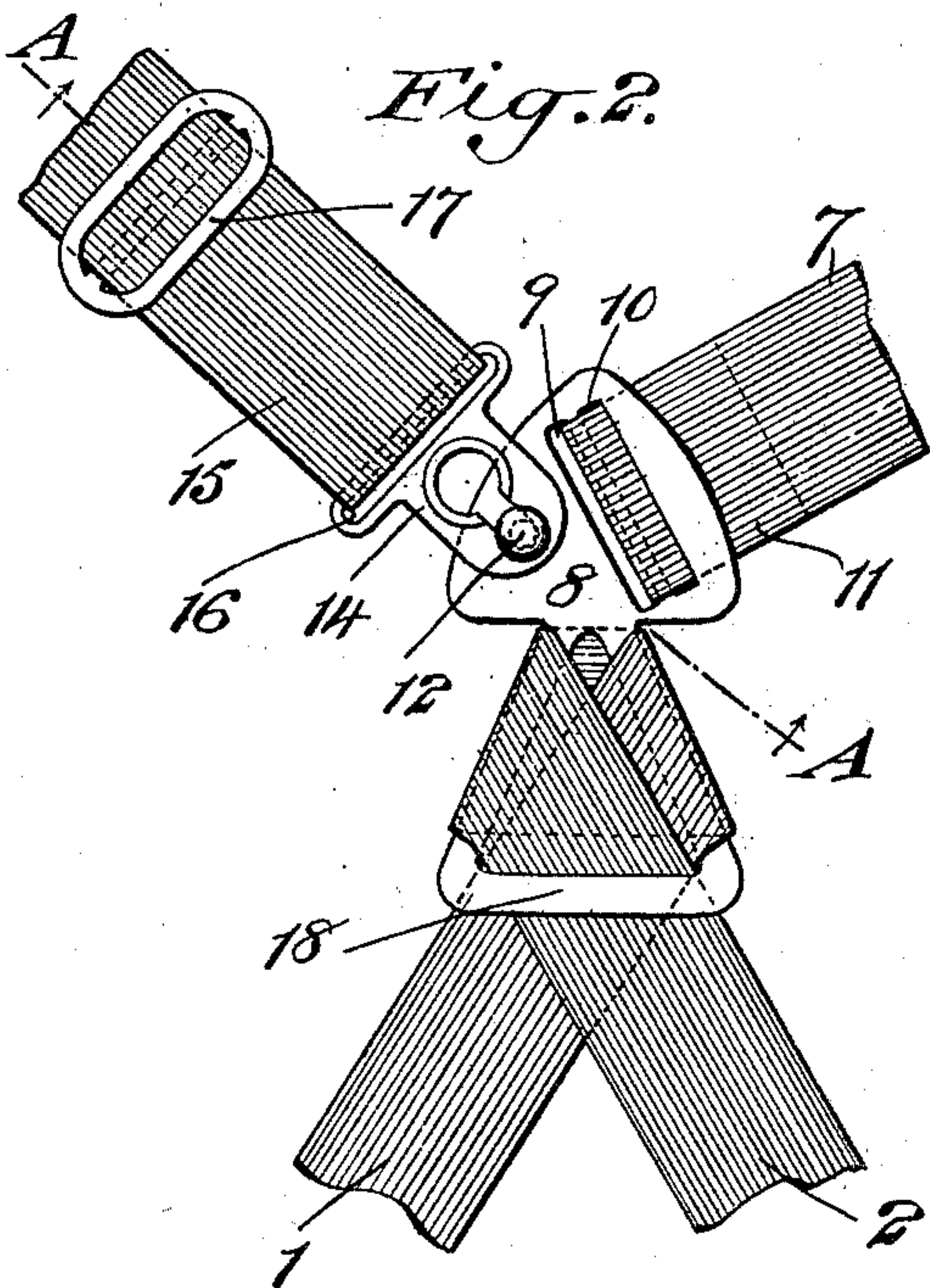
(Application filed July 8, 1902.)

(No Model.)

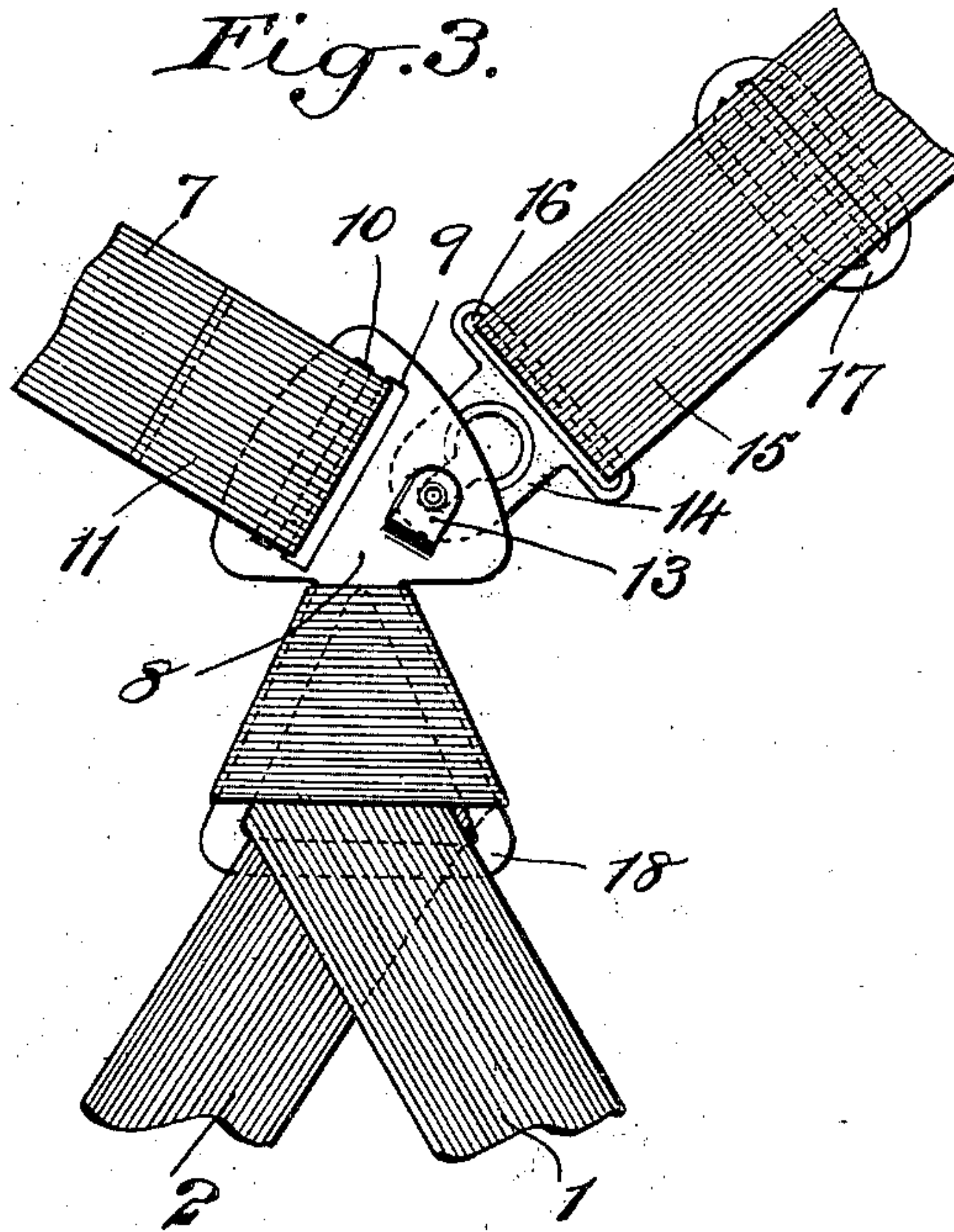
*Fig. 1.*



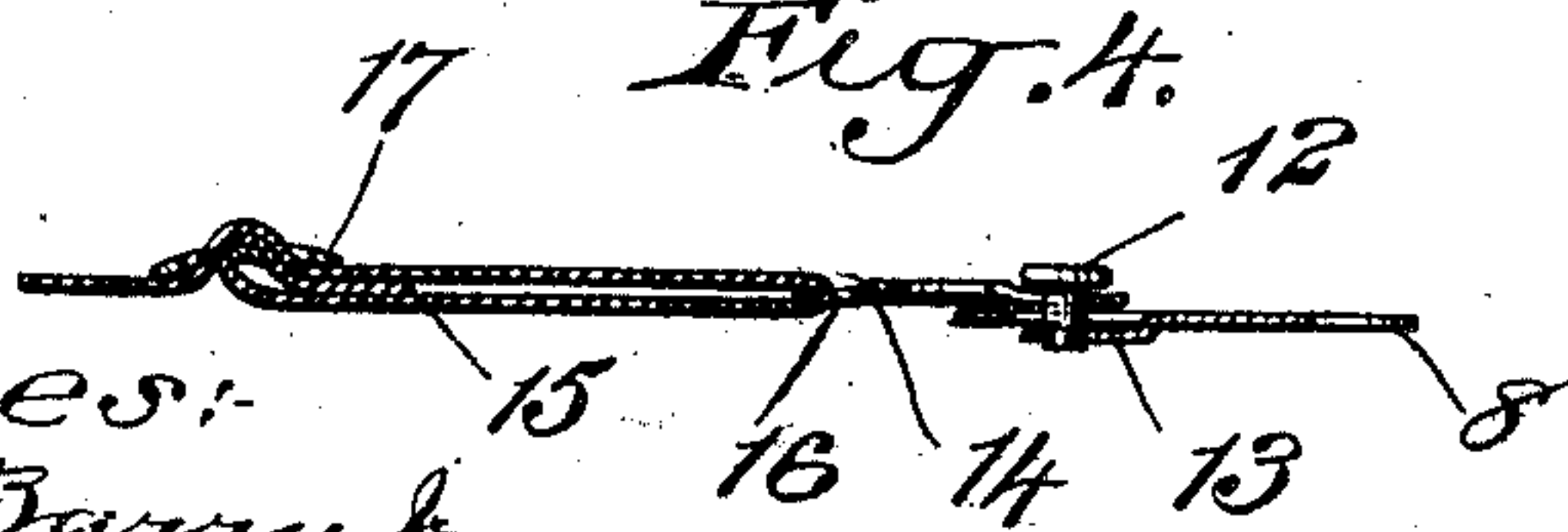
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



Witnesses:  
George Barry  
Henry Thorne

Inventor:  
Louis A. Negraval  
by attorney  
Brown & Howard



# UNITED STATES PATENT OFFICE.

LOUIS A. NEGRAVAL, OF JERSEY CITY, NEW JERSEY, ASSIGNOR TO FRANK & GUTMANN, OF NEW YORK, N. Y., A FIRM.

## LADY'S HOSE-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 709,606, dated September 23, 1902.

Application filed July 3, 1902. Serial No. 114,183. (No model.)

*To all whom it may concern:*

Be it known that I, LOUIS A. NEGRAVAL, a citizen of the United States, and a resident of Jersey City, in the county of Hudson and State of New Jersey, have invented a new and useful Improvement in Ladies' Hose-Supporters, of which the following is a specification.

My invention relates to an improvement in ladies' hose-supporters; and it has for its object to provide a supporter which comprises a belt for embracing the waist of the wearer, supporting-straps for engaging the stockings, and a single plate for connecting the belt and straps at a point over the abdomen of the wearer for serving the double purpose of supporting the stockings and insuring the correct position of the wearer.

A further object is to provide a hose-supporter of the above character which will be entirely independent of the corset of the wearer, so as to permit the ready adjustment of the plate which connects the supporting-straps and belt to the different positions assumed by the wearer.

A still further object is to provide a novel form of plate for connecting the supporting-straps and belt, whereby the supporting-straps may be composed of a single strip secured to the plate by interweaving the strip and crossing it, thus obviating the necessity of stitching the strip in its position.

Another object is to provide a plate of the above character in which one end of the belt is secured permanently to the plate obliquely thereto.

A practical embodiment of my invention is represented in the accompanying drawings, in which—

Figure 1 is a front view of the hose-supporter, showing the position which it would assume when in use, the body of the wearer being shown in dotted lines. Fig. 2 is an enlarged detail front view of the adjacent ends of the belt, the upper portion of the supporting-straps, and the plate for connecting the straps and belt. Fig. 3 is a back view of the same, and Fig. 4 is a section taken in the plane of the line A A of Fig. 2 looking in the direction of the arrows.

The supporting-straps of the hose-supporter are denoted by 1 and 2, each of which straps

may be provided at its lower end with two elastic branches 3 and 4, provided with clasps 5 and 6 for securing the supporter to the stockings of the wearer.

The belt of the hose-supporter is denoted by 7, which belt is adapted to be secured around the waist of the wearer and connected to the upper ends of the supporting-straps 1 and 2.

The means which I have shown for connecting the supporting-straps 1 and 2 of the belt 7 comprises a metallic plate, which is constructed and attached to the said straps and belt, as follows: The head of the plate is denoted by 8, and it is provided with two slots 9 and 10, arranged at an angle to the vertical line through the plate. One end 11 of the belt 7 is interwoven through the diagonal slots 9 and 10 and permanently secured, so as to cause the belt to extend obliquely to the vertical line through the plate.

The plate 8 is further provided with a stud or button 12, permanently secured to a spring-tongue 13 cut in the plate, which stud is fitted to removably engage an eye-plate 14, carried by the free end 15 of the belt 7. This free end 15 of the belt 7 passes through an elongated slot 16 in the eye-plate 14 and may be adjusted by means of the clasp 17 to increase or diminish the length of the belt.

The spring-tongue 13 serves to cause the stud or button 12 to yieldingly grip the face of the eye-plate 14 when engaged therewith to prevent the unintentional release of the free end of the belt from the plate 8 when attached thereto.

The plate 8 is provided with a triangular loop 18, through which the strip which forms the straps 1 and 2 is interwoven so as to cause the straps to extend diagonally from the plate, upon opposite sides of the vertical middle line thereof. By this arrangement the straps may be adjusted accurately with respect to each other, and when strain is brought thereon they are held against slipping within the triangular loop.

It will be seen that the arrangement of the parts as above described is such that the pressure incident to the holding up of the stockings is brought to bear against the abdomen of the wearer, the connection between

the supporting-straps and the belt being entirely independent of the corset of the wearer, thus permitting the parts to readily adjust themselves to different positions which the  
5 wearer may assume. This arrangement entirely obviates the liability of a side strain upon the corset, as has been found objectionable when the supporting-straps 1 and 2 have been secured to the front of the corset.

10 What I claim is—

1. A hose-supporter comprising a belt, a plate connected thereto, said plate having a loop and a continuous strip interwoven through the loop to form a pair of stocking-  
15 supporting straps.

2. A hose-supporter comprising a belt, a plate connected thereto, said plate having a triangular loop and a continuous strip interwoven through the loop to form a pair of di-

verging stocking-supporting straps extending obliquely to a vertical line through the plate. 20

3. A hose-supporter comprising stocking-supporting straps, a plate secured thereto and a belt, said plate having elongated slots  
25 therein arranged diagonally to the vertical line through the plate for permanently securing one end of the belt to the plate, the other end of the belt being fitted to be removably secured to the said plate. 30

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 30th day of June, 1902.

LOUIS A. NEGRAVAL.

Witnesses:

FREDK. HAYNES,  
C. S. SUNDGREN.