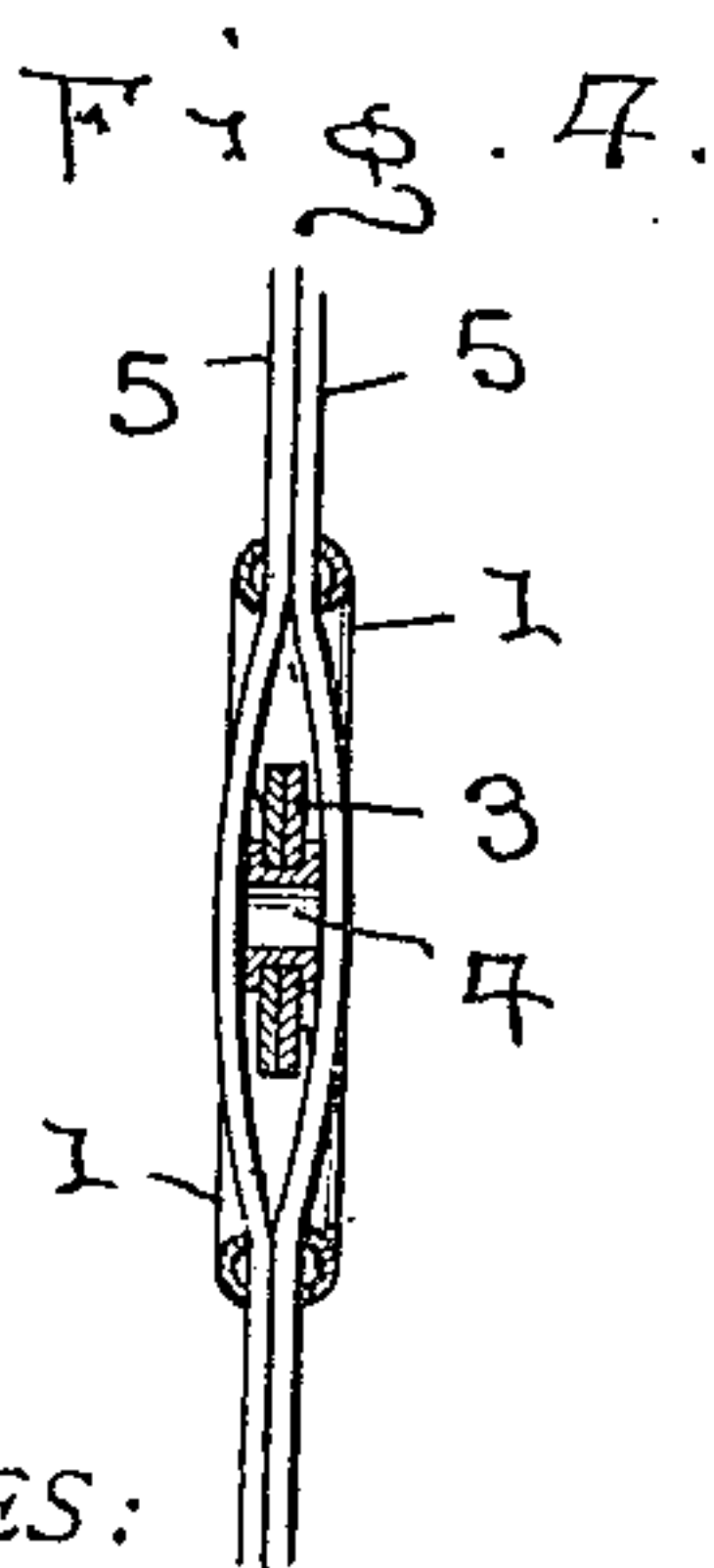
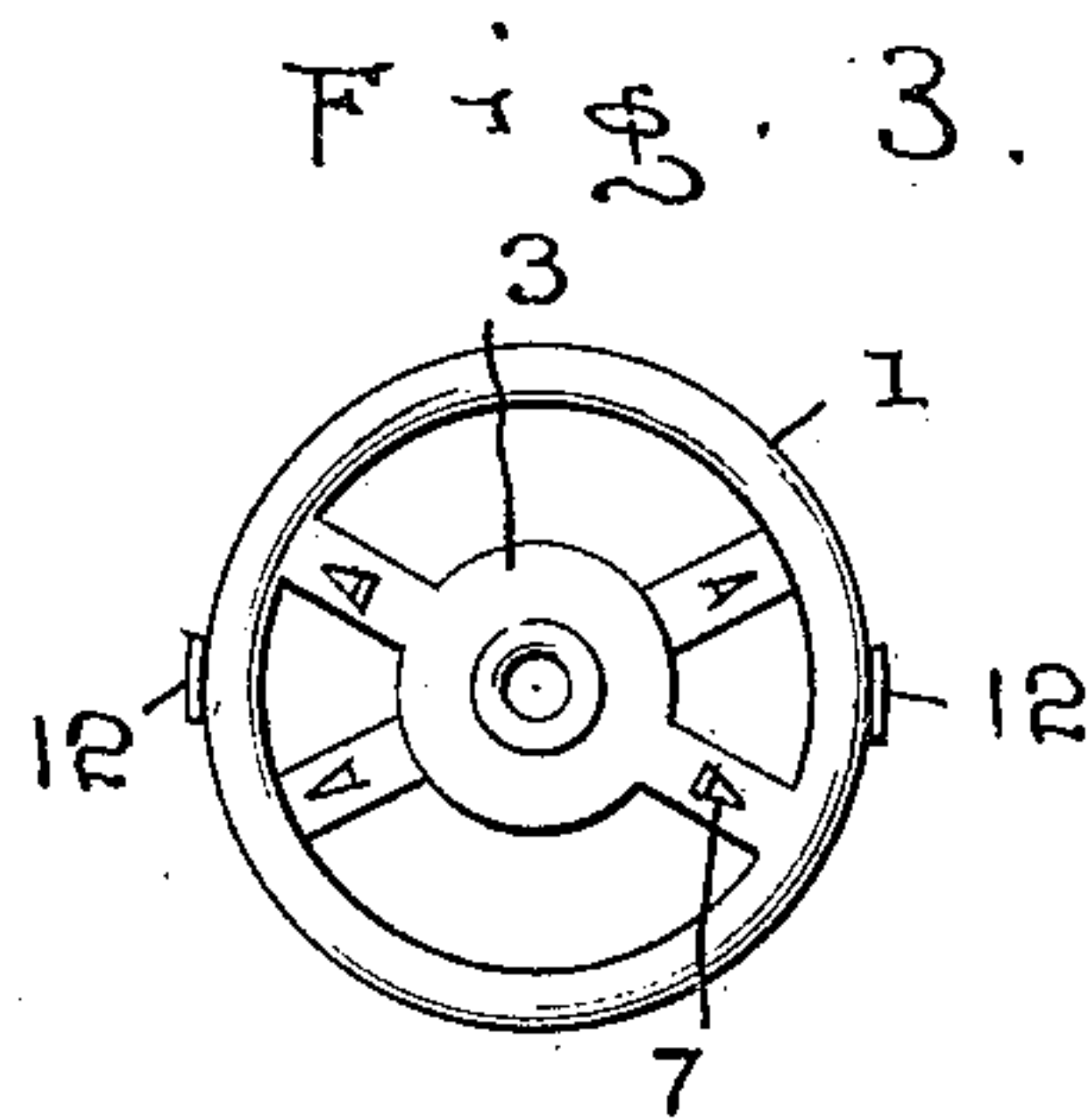
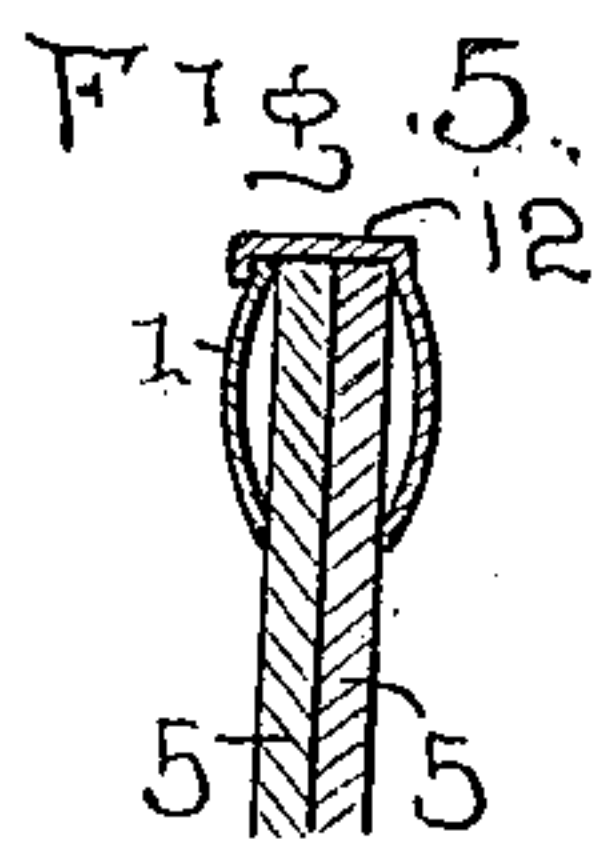
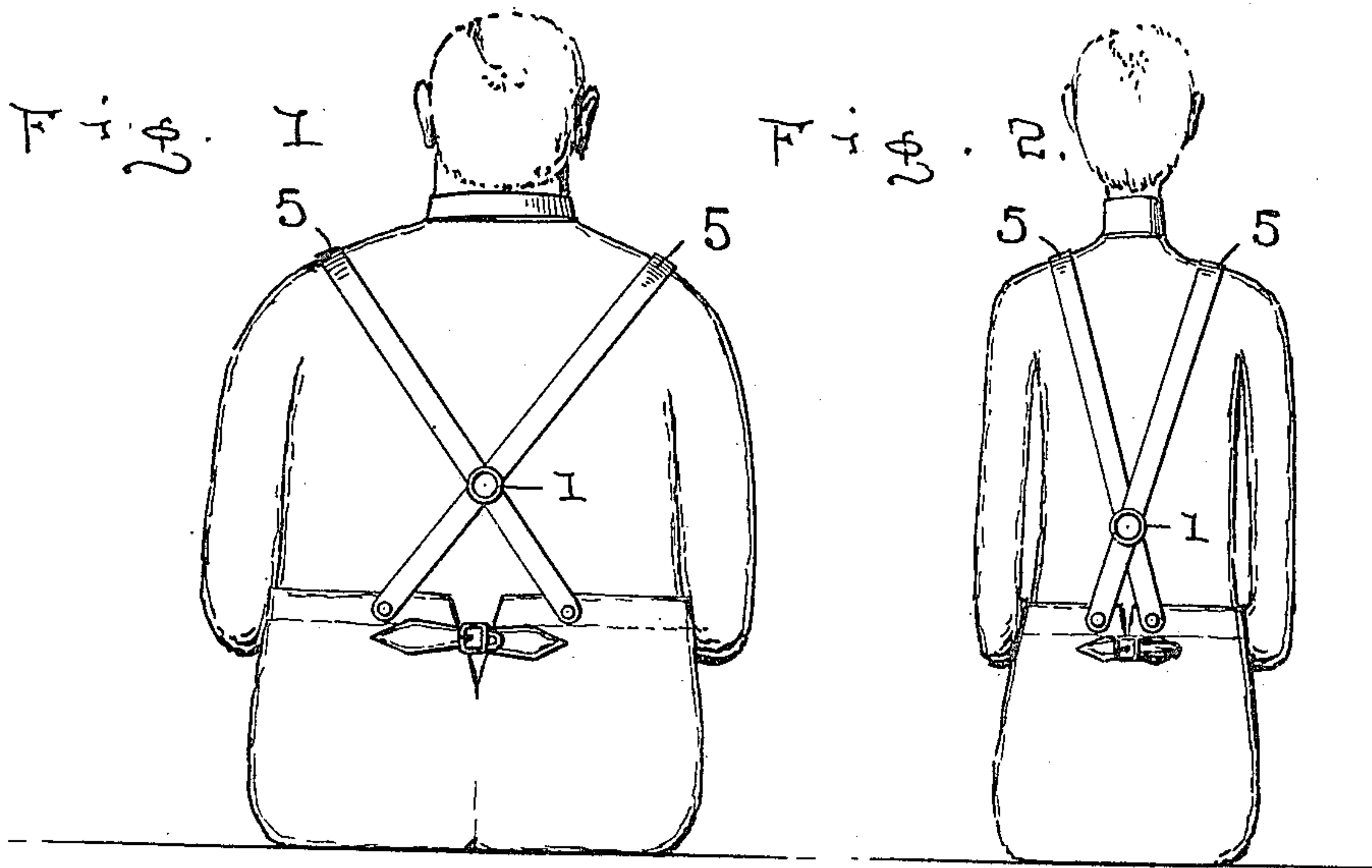


L. KATZNER.
ADJUSTABLE BACK ATTACHMENT FOR SUSPENDERS.
APPLICATION FILED MAR. 12, 1910.

994,165.

Patented June 6, 1911.



WITNESSES:

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UNITED STATES PATENT OFFICE.

LAIBESH KATZNER, OF BALTIMORE, MARYLAND.

ADJUSTABLE BACK ATTACHMENT FOR SUSPENDERS.

994,165.

Specification of Letters Patent.

Patented June 6, 1911.

Application filed March 12, 1910. Serial No. 548,885.

To all whom it may concern:

Be it known that I, LAIBESH KATZNER, a citizen of the United States, residing at Baltimore, State of Maryland, have invented certain new and useful Improvements in Adjustable Back Attachments for Suspenders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to suspenders, and more particularly to an attachment for the back portion thereof, which insures an absolutely perfect fit to the back of the wearer, and my object therefore is to provide an adjustable attachment for suspenders which will enable said article of apparel to readily accommodate itself to the back of a stout or slender person.

Other objects and advantages will be hereinafter made apparent, reference being had to the accompanying drawing, in which—

Figure 1 shows my improved back fitting suspenders as applied to use upon a stout person, while Fig. 2 shows the application thereof to a slender person. Fig. 3 shows a detail of my adjustable suspender attachment, provided with my preferred form of frictional point. Fig. 4 is a sectional view on the median line of the webs and through the center of my attachment. Fig. 5 is a detailed sectional view through the ring members.

For convenience of reference to the various details of my invention and cooperating accessories, numerals will be employed, the same numeral applying to corresponding parts throughout the views.

Referring in detail to the drawing, 1 indicates the body portion of my attachment which consists essentially of a ring-like member provided with a cross bar 2, preferably having its central portion slightly enlarged as indicated by the numeral 3, and as will be seen by reference to Fig. 4, the said ring-like members 1 are arranged in pairs so as to complement and supplement each other, and their enlarged portion 3 is provided with a central aperture through which is extended an eyelet 4, of the usual or any preferred construction, whereby the complementary ring-like members are thus pivotally connected together, and consequently have a relative movement incident to their use. The webbing or material form-

ing the suspenders, as indicated by the numeral 5, may be of any preferred variety, and after the said ring-like members are pivotally united together, the web is introduced by passing the same between the ring-like members and outside of their respective bars, whereby the webbing thus disposed, will wholly cover said bars and hide the same from view. The method of introducing the webbing between the ring-like members, is fully indicated in Fig. 4, it being seen that the said bars are at this time substantially parallel with each other, but afterward said bars are slightly moved out of registration with each other incident to the spreading or separation of the ends of the webbing both above and below their points of intersection. It is however, very important that frictional means shall be provided which will insure that the webbing shall remain in its adjusted position relative to the cross bar, and with this purpose in view, I therefore call attention to the fact that various kinds of frictional devices may be provided, upon said bar. In Fig. 3, I have shown the frictional or contact points as being struck up from the metal forming the bar 2, as indicated by the numeral 7.

I preferably provide clamping lips formed integral with and at diametrically opposite points on one of the rings 1, and adapted to have their free ends bent around in engagement with the contiguous ring member so as to hold said rings from unduly separating or spreading.

It will thus be seen that I have provided a very simple and reliably efficient means for securing the two members of the suspenders at the back section thereof, and that when it is desired to vary the point of intersection of the two pieces of webbing so as to insure a perfect fit or accommodation to the back of the wearer, all that is required, is to overcome the frictional engagement between the webbing and the friction points above described, and move the pair of rings upward or downward upon the webbing as may be required, and when thus adjusted, the friction points will perform their office and hold my attachment securely to its work. In addition to thus being able to readily adjust or change the location of my web-holding appliance, it is obvious that the said webbing at their point of intersection, may be readily spread apart, or moved toward each other, as will often be

necessary incident to the varying movement of the wearer.

In some instances, I wholly dispense with frictional points of any kind upon the inner ring or bar, in which event I depend wholly upon the friction points carried by the outer ring, thus leaving the inner surface of the suspenders wholly free from any protuberance whatever, as might otherwise be the case if the inner bar or inner ring is provided with frictional means to engage the webbing. I reserve the right however, to employ the frictional points upon the inner ring, or wholly dispense therewith, as I may deem most desirable.

What I claim is:

A device of the character described, comprising a pair of alining ring members,

means to pivot said ring members centrally and adapt the same for rotation with relation to one another, cross bars on said ring members provided with means for frictionally engaging the fabric inserted between said ring members over said bars, and additional means engaging the edges of said ring members at diametrically opposite points to prevent the undue separation thereof.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LAIBESH KATZNER.

Witnesses:

INDIA E. WATTS,
H. R. COOK.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
