

No. 771,212.

PATENTED SEPT. 27, 1904.

L. SELIKOWITZ.
SUSPENDER ATTACHMENT.
APPLICATION FILED MAR. 8, 1904.

NO MODEL.

Fig. 1.

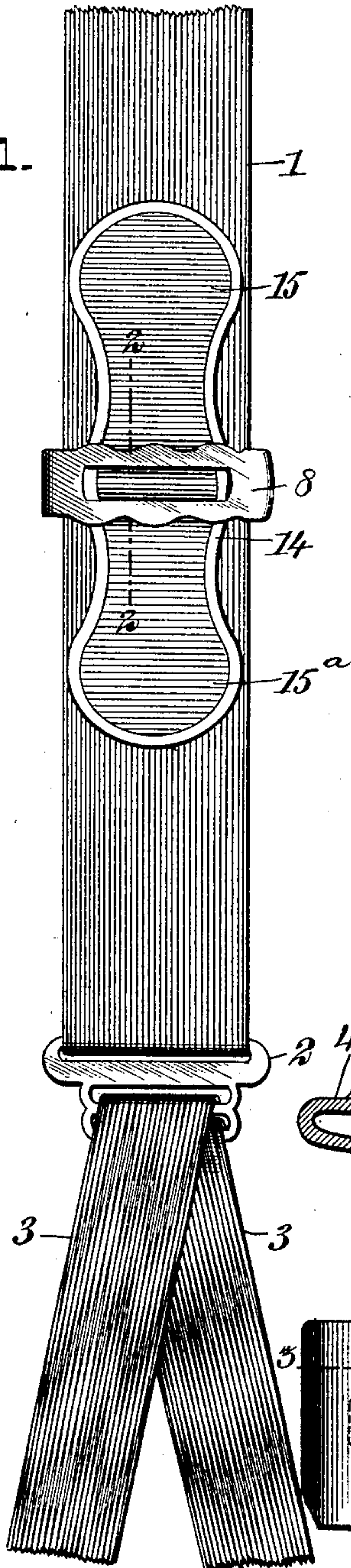


Fig. 2.

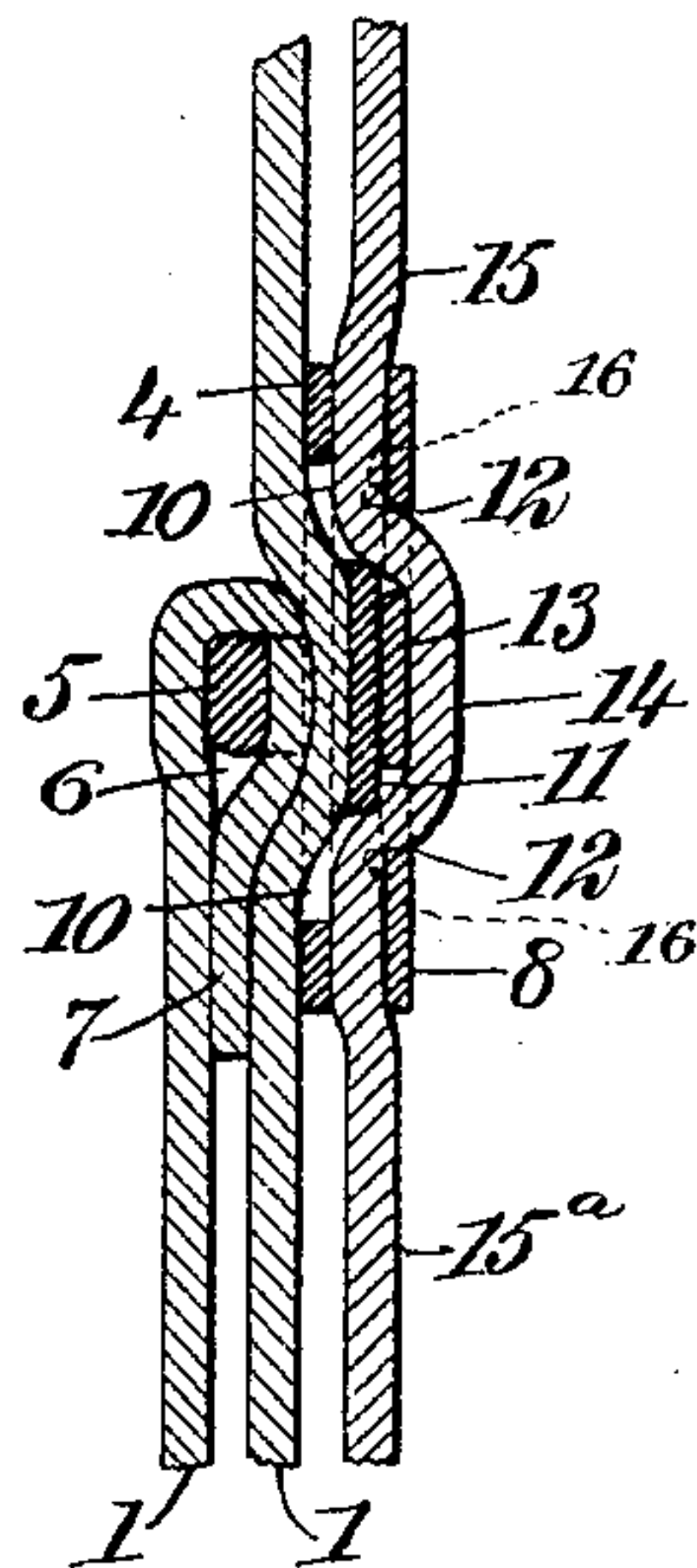


Fig. 3.

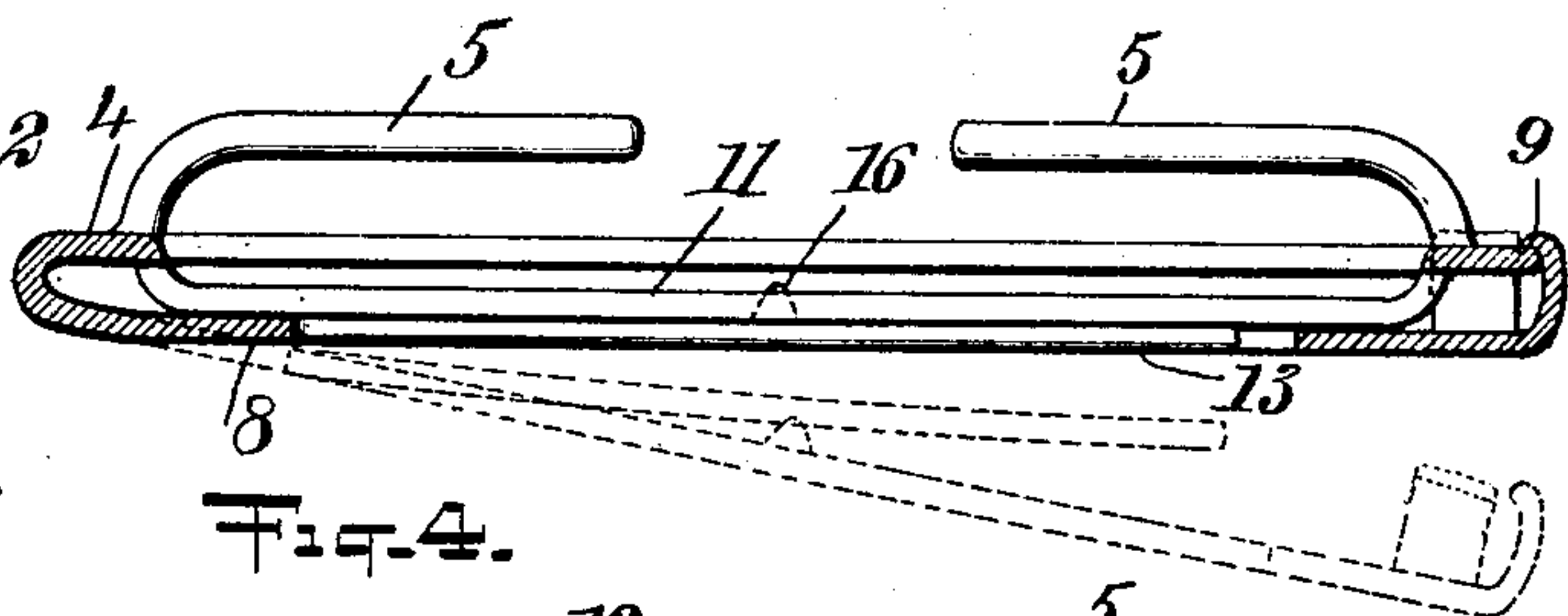
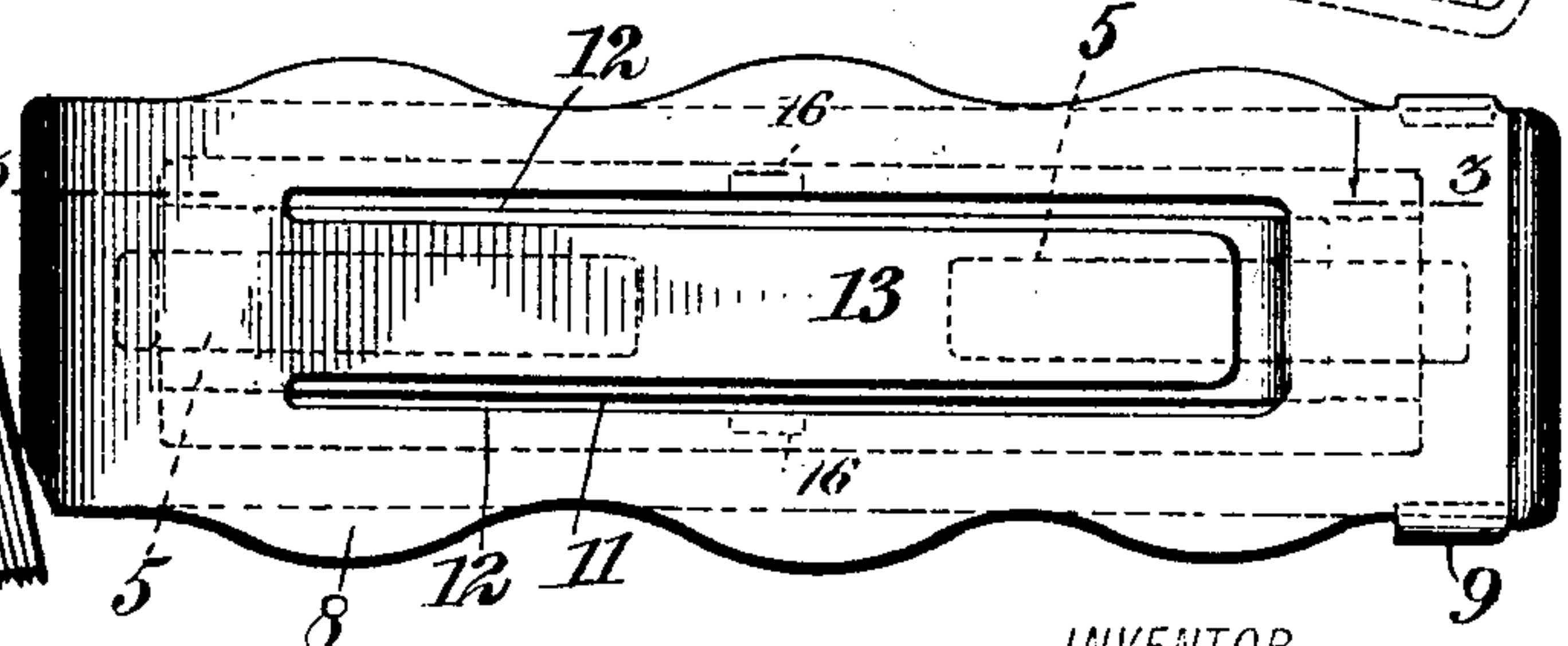


Fig. 4.



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UNITED STATES PATENT OFFICE.

LOUIS SELIKOWITZ, OF NEW YORK, N. Y., ASSIGNOR OF NINE-TWENTIETHS TO BARNETT WILENSKY AND MOSES WIGDER, OF NEW YORK, N. Y.

SUSPENDER ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 771,212, dated September 27, 1904.

Application filed March 8, 1904. Serial No. 197,145. (No model.)

To all whom it may concern:

Be it known that I, LOUIS SELIKOWITZ, a subject of the King of Roumania, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Suspenders Attachment, of which the following is a full, clear, and exact description.

This invention relates to adjusting devices for suspenders and the like; and it consists, substantially, in the construction and combinations of parts hereinafter particularly described and claimed.

The invention has for its principal object to provide a device of this kind which is both simple and inexpensive to manufacture, besides being thoroughly effective and reliable in use and possessing the capacity for long and repeated service.

The above and additional objects are attained by means substantially such as are illustrated in the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a front view of a portion of one member of an ordinary garment-suspender having my improvements embodied in connection therewith. Fig. 2 is an enlarged longitudinal sectional view on the line 2 2 of Fig. 1. Fig. 3 is an enlarged longitudinal sectional view of the adjusting device on the line 3 3 of Fig. 4 looking in the direction of the arrow; and Fig. 4 is a top plan view of the adjusting device, taken on the same scale as the preceding figure.

Before proceeding with a more detailed description it may be stated that in the form of my improvements herein shown I employ an adjusting device or buckle of special construction and organization of parts, the same comprising substantially a friction plate or frame having means for attachment thereof to the free end of one member of a suspender or supporter, said plate being provided with practically a hinged bar and the plate and bar being constructed with cooperating clamping members for securely holding in place a pull

device constituting the medium by which the sliding movements of the adjusting device are effected for the purpose of altering the length of said suspender member. Previous to the attachment of the adjusting device to the free end of the suspender member the said device is placed upon said member, so as to be frictionally held in any position to which the same may be moved or adjusted, and it may be stated that the pull device referred to comprises two tabs integrally united or formed in a single piece as distinguished from separately-formed tabs hitherto usually employed for a similar purpose, the particular construction of my improved adjusting device enabling the ready attachment and removal of said pull device, whereas the use of separate tabs requires that they be fastened to some form of buckle, either by stitching or otherwise, and which, as is evident, is not only inconvenient but also expensive. By adapting an adjusting device to the use of the special form of pull device as herein set forth I obtain greater strength of connection between two as well as other advantages, and while I have herein represented my improvements in a certain preferred embodiment it will be understood, of course, that I am not limited to the precise details thereof in practice, since immaterial changes therein may be resorted to coming within the scope of my invention.

Specific reference being had to the drawings by the designating characters marked thereon, 1 represents one member of an ordinary suspender or garment-supporter, the same being doubled upon itself rearwardly, so as to form a loop to hold an ordinary slotted plate 2 for carrying the usual end straps 3, intended for connection with the buttons of trousers or other garments to be supported, as is understood. Slidably fitted upon the outermost portion of the said folded suspender member is an adjusting device embodying my improvements, the same being constructed of a friction-plate 4, preferably of a length slightly in excess of the width of the suspender member and provided on the under side thereof, near the ends, with in-

wardly-extending fingers 5, which are preferably resilient, so as to bind upon the suspender member, and thereby hold the said plate frictionally in any position in which it may be placed. The said fingers 5 are received in the opposite ends of a loop 6, formed by turning under and properly securing the free end portion 7 of said suspender member, and thus is effected the attachment of the friction-plate (as well as the parts associated therewith) for effective operations. The said friction-plate 4 is preferably constructed of spring metal and is provided on its outer side with practically a hinged bar 8, (the outer face of which may be suitably ornamented, if desired,) which is preferably (though not essentially) integral with the plate at one end and provided at or near its free end with lips or catches 9 for engaging edge portions of the plate to securely fasten or hold said bar in its intended relation to the plate, as and for the purpose about to be explained. Said plate 4 is slotted longitudinally at 10 on either side of a central clamping-rib 11, (see Figs. 2 and 4,) which is sprung or projected somewhat beyond the general outer surface of the plate, the ends thereof, however, being integral with the plate, as shown. The said hinged bar 8 is also slotted longitudinally at 12 on opposite sides of a central clamping-tongue 13, which is free of the bar at one end and integral therewith at the other end. (See Figs. 3 and 4.)

For the purpose of readily sliding the adjusting device in either direction (up or down) on the suspender member I employ the pull device hereinbefore referred to, the same being indicated at 14 and consisting of a single piece of suitable fabric of proper length to be clamped between the plate 4 and the bar 8, so as to leave upper and lower tabs 15 and 15^a to be taken hold of (one or the other) with the fingers and pulled upon in a manner well understood to effect the lengthening or shortening of the suspender member. In order to apply the said pull device, it is simply necessary to first disengage the free end of the hinged bar 8 from the plate 4, whereupon said bar springs outwardly from said plate of its own resiliency, as shown in dotted lines in Fig. 3, the tongue 13 assuming the position also shown in dotted lines. The central portion of the pull device is now placed between the plate 4 and the bar 8 in such manner as to overlie the said tongue, and then the bar is carried toward the plate until the engagement of the lip or catch 9 is effected, and thus will the said pull device be firmly secured in a perfectly obvious manner. Preferably, though not essentially, I provide one or more barbs 16 for engaging with the pull device as an additional security of fastening therefor. It will thus be seen that I am enabled to employ in integral form the two tabs of the pull device, which is a decided advantage in many

ways over constructions involving two separate tabs, as is apparent, and it is thought the general embodiment of my invention shown and described herein will be fully understood without further elucidation thereof.

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

1. An adjusting device for suspenders, comprising a suspender-buckle and a single-piece pull device secured to the suspender-buckle about the center of its length and extending above and below the buckle in a direction longitudinal of the suspender-strap to form tabs.

2. An adjusting device for suspenders, comprising a friction-plate and a hinged bar thereon, and a pull device clamped between the two, and means whereby said pull device is independently clamped to the hinged bar to move therewith, said device extending above and below the buckle parallel with the suspender-strap.

3. An adjusting device for suspenders comprising a friction-plate and a hinged bar thereon, and a pull device clamped between the bar and friction-plate, and means on the hinged bar whereby the pull device is also independently clamped at its center to said bar, said pull device being formed of a single piece of material with one end extending above the hinged bar and the other end extending below it in parallelism with the longitudinal extent of the suspender-strap.

4. An adjusting device for suspenders, comprising a plate having a longitudinal rib, and provided with a hinged bar having a spring-tongue cooperating with said rib, and a pull device having a portion thereof inserted between the tongue and bar, leaving upper and lower integral tabs, the plate and bar being adapted to be fastened together.

5. An adjusting device for suspenders, comprising a plate having means for connecting the same with the end of a suspender member, and formed with a clamping-rib and a hinged clamping-bar, said bar having a spring-tongue cooperating with said rib; and a pull device having a portion thereof inserted between the tongue and bar, and clamped between the latter and the plate, leaving upper and lower integral tabs.

6. An adjusting device for suspenders, comprising a plate provided on its inner side and near its ends with yielding fingers extending in direction of each other and a clamping-rib adapted to cooperate with said fingers to clamp the suspenders, a hinged bar on the outer side of said plate, a resilient tongue carried by said bar and disposed adjacent said plate, and means for holding said bar in operative relation to said plate and with its tongue in engagement with said clamping-rib.

7. An adjusting device for suspenders, comprising a plate having means for attachment to a suspender-end, and a clamping-rib adapted

ed to coöperate with said means to clamp the
suspenders, a hinged bar on said plate, a re-
siliant tongue carried by said bar and disposed
adjacent said plate, and means for holding
5 said bar in operative relation to said plate and
with its tongue in engagement with said clamp-
ing-rib.

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

LOUIS SELIKOWITZ.

Witnesses:

MAX JOHNSON,
MOSES WIGDER.