

No. 689,752.

Patented Dec. 24, 1901.

L. ROGERS & J. E. CUTHBERT.
SUSPENSORY BANDAGE.

(Application filed Mar. 22, 1901.)

(No Model.)

Fig. 1.

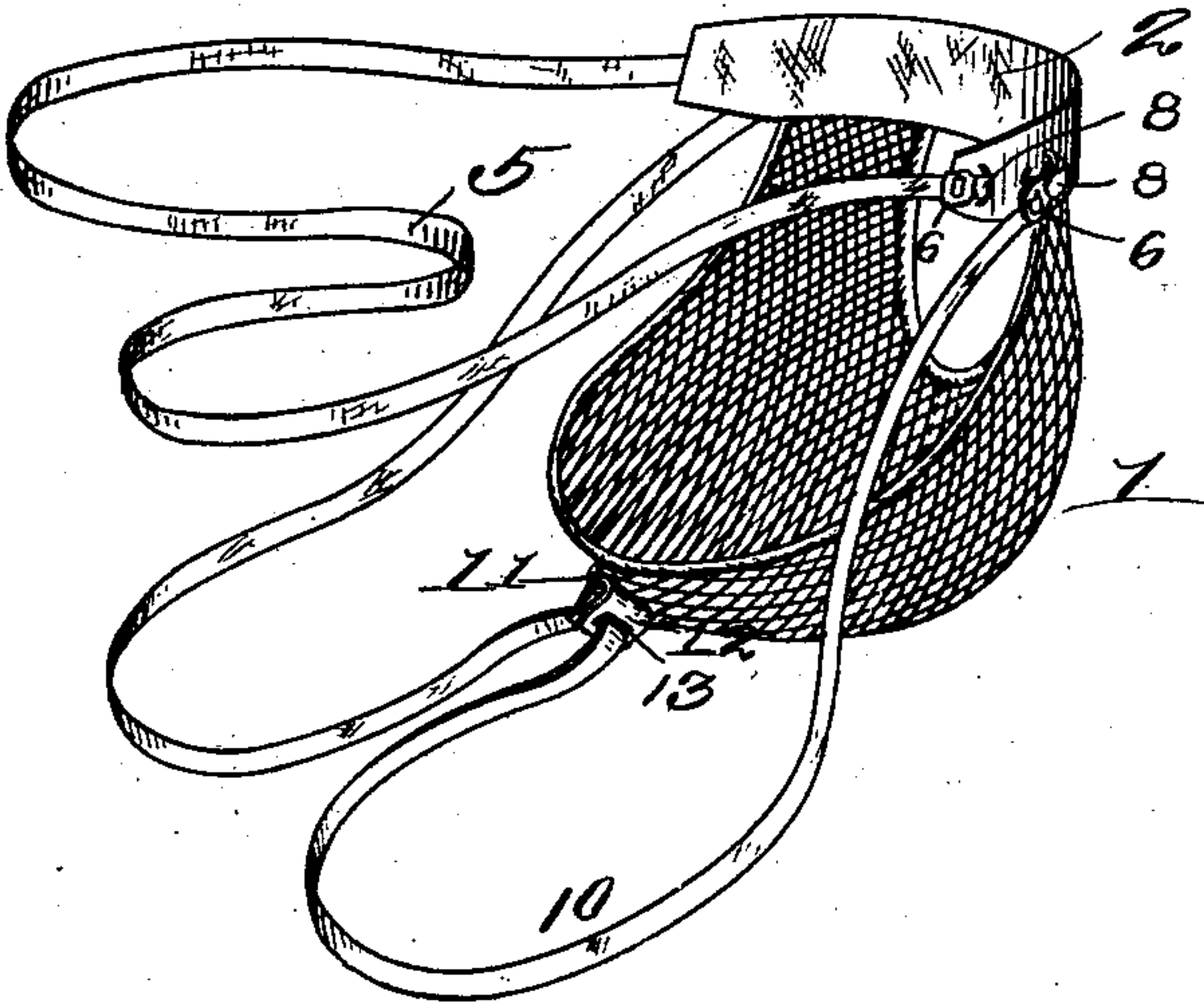


Fig. 2.

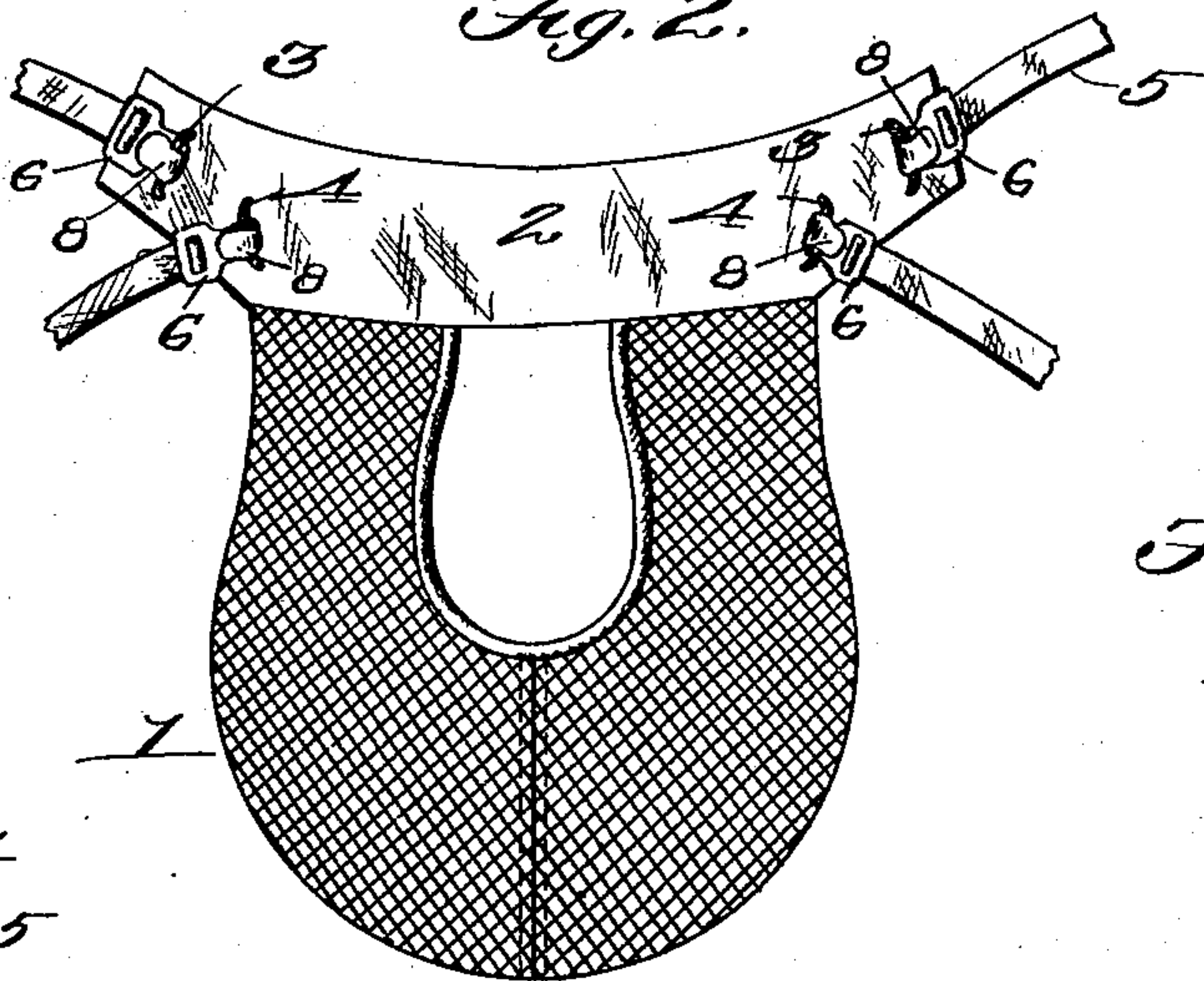


Fig. 4.

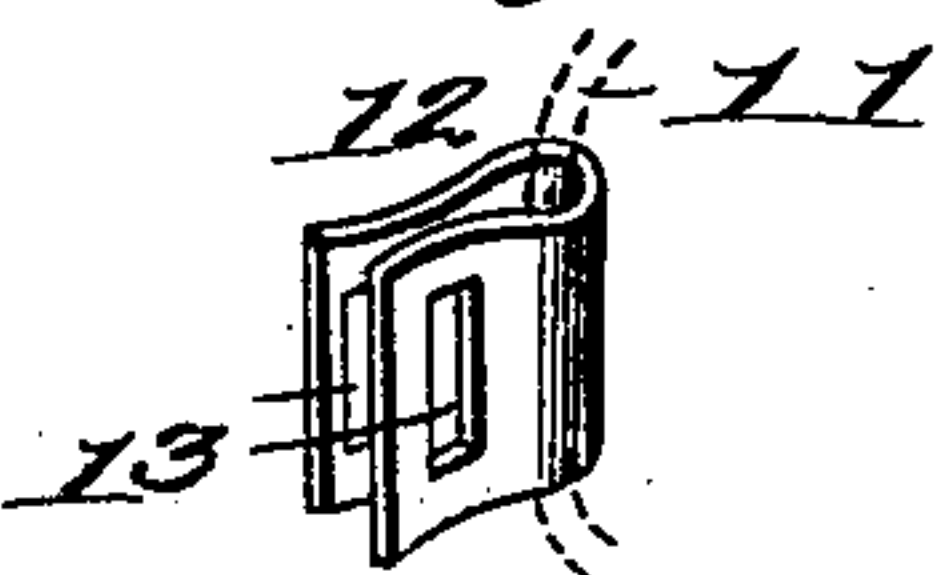


Fig. 5.

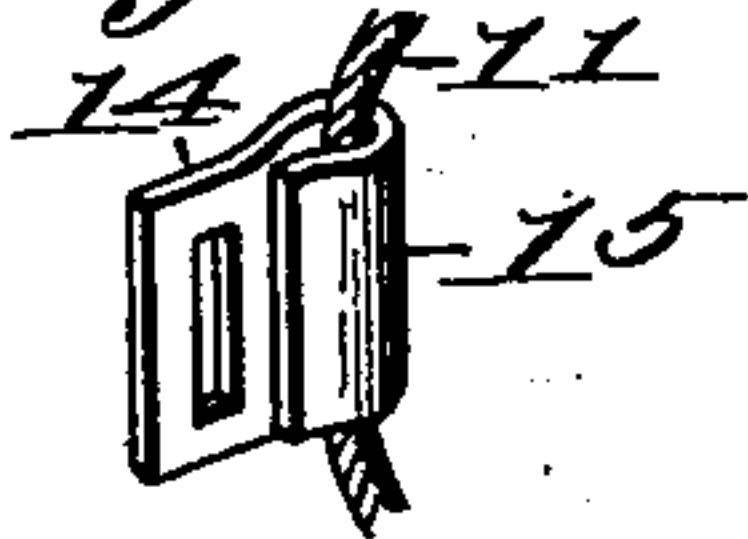


Fig. 6.

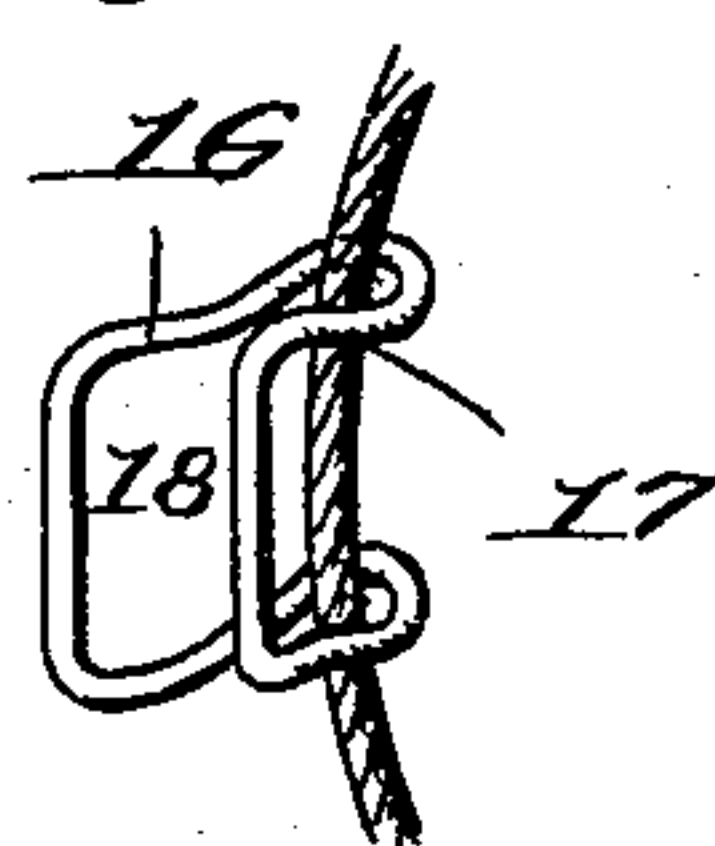
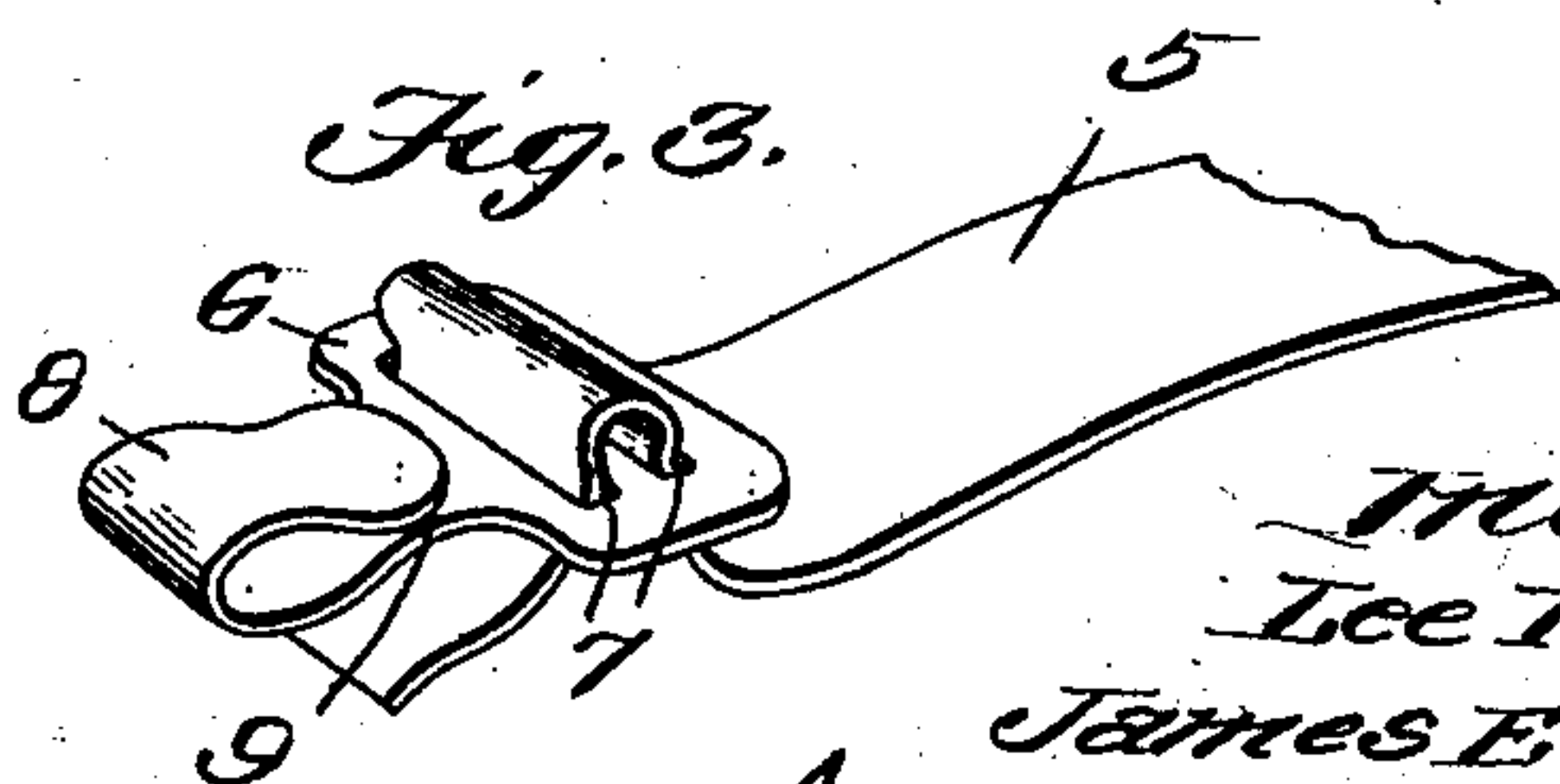


Fig. 3.



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UNITED STATES PATENT OFFICE.

LEE ROGERS AND JAMES E. CUTHBERT, OF PETERSBURG, VIRGINIA.

SUSPENSORY BANDAGE.

SPECIFICATION forming part of Letters Patent No. 689,752, dated December 24, 1901.

Application filed March 22, 1901. Serial No. 52,354. (No model.)

To all whom it may concern:

Be it known that we, LEE ROGERS and JAMES E. CUTHBERT, citizens of the United States, residing at Petersburg, in the county of Dinwiddie and State of Virginia, have invented new and useful Improvements in Suspensory Bandages, of which the following is a specification.

This invention relates to suspensory bandages, and especially to that class of such devices wherein a pouch is secured to the person of the wearer by a strap passing around the waist, and is provided with a leg-strap which supports the posterior part of the pouch and maintains it in proper position.

Our invention has for its object to provide a suspensory of the class referred to wherein the straps and their metallic or other solid fastenings can be quickly and entirely separated from the pouch, whereby the latter can be conveniently and thoroughly washed.

It also has for its object to provide improved fastening devices by means of which the straps can be quickly and easily adjusted and in which the straps may be readily renewed when worn.

Finally, it has for its object to simplify and improve the construction of this class of suspensories and to render them more comfortable and efficient in use.

To these ends our invention consists in the features and in the construction, combination, and arrangement of parts hereinafter described, and particularly pointed out in the claims following the description, reference being had to the accompanying drawings, forming a part of this specification, wherein—

Figure 1 is a perspective view of our improved suspensory. Fig. 2 is a front elevation of the same. Fig. 3 is an enlarged detail view of one of the hooked fastening devices in place on one end of a strap. Fig. 4 is a detail view showing one form of guide for the leg-strap. Fig. 5 is a similar view showing a modified form of guide, and Fig. 6 is a view showing a still further modified form of guide.

Referring to the drawings, the reference-numeral 1 indicates the pouch of the suspensory, which is constructed of suitable material and in an ordinary and well-known manner and has secured to its upper end a sup-

porting-band 2, as usual. Attached by stitching or sewing to the band 2 are four loops or short lengths of cord or twine, two of said loops 3 being attached to the band near the upper opposite ends of the latter, and the other two loops 4 are attached to the band nearer the bottom of the latter and closer together.

The numeral 5 indicates the waist-strap, which may be constructed of any suitable flexible material, either elastic or inelastic, and is provided at its opposite ends with hook-shaped fastenings constructed as follows:

The numeral 6 indicates a metallic plate provided with a plurality of parallel slots 7, (preferably two,) through which the end of the strap 5 is alternately passed in opposite directions. By loosening the strap the latter may be adjusted back and forth in the slots 7; but when the strap is drawn taut it will be held against movement relatively to the plate 6. The plate 6 is provided with a continuation which is bent back upon itself to form a hook 8, the bent member of said hook being in contact with the plate, as indicated at 9 and for the purpose hereinafter made apparent. It will be understood, of course, that each end of the strap 5 will be provided with one of the hooked fastenings described. The opposite ends of the leg-strap 10 will also be provided with hooked fastenings similar in all respects to those just above described. To attach the suspensory to the person, the hooked fastenings on the ends of the waist-strap 5 are hooked to the loops 3, after which the ends of the leg-strap 10 are brought up around in front of the legs and the hooked fastenings carried thereby are hooked to the loops 4.

A loop or short length of cord or twine 11 is stitched at its ends to the rear lower portion of the pouch 1, and detachably secured to said loop or cord is a guide, through which the leg-strap 10 freely passes. The guide may consist of a metallic plate 12, folded or doubled upon itself and provided with two registering slots 13, through which the leg-strap 10 loosely passes. The guide 12 is attached to the loop 11 by slipping it over said loop, after which the leg-strap 10 may be passed through the slots 13. In the various different move-

ments made by the wearer it will be evident that the leg-strap 10 will freely move through the slots 13 in the guide, so as to accommodate said strap to the different positions assumed by the wearer, and this without any discomfort or inconvenience to the wearer, or the guide may be provided with only one slotted member 14, the upper end of the guide being curled or bent over to form an open loop 15, that is adapted to be slipped upon the cord-loop, or, again, the guide may be constructed of a skeleton frame constructed of suitable material, substantially rectangular in contour, as at 16, and bent upon itself to form a hook 17 to receive the cord 11, the cord passing between the points of contact of the hook with the other portion of the guide. The leg-strap 10 is adapted to pass through the guide at 18. The advantage of the skeleton over the solid hook or guide for the leg-strap is that it is lighter and the necessary spring, permitting the cord 11 to be passed between the points of contact, may be more readily obtained. In the several different forms of guide shown the leg-strap is adapted to freely move therethrough to accommodate itself to the different positions assumed by the wearer, and, furthermore, the guides may be readily detached from the cord loops 11. In the same manner the strap-attaching devices may be disengaged from the cord loops 3 and 4 on the band 2, thus leaving no metallic or solid fastenings attached to the pouch, whereby the latter may be readily, conveniently, and thoroughly washed without liability of staining or discoloring the pouch through corrosion of the metallic fastenings or injuring the fabric through other solid fastening devices. Moreover, the straps may be entirely removed when worn and replaced by new straps with ease and despatch. They may be quickly adjusted and when once adjusted need not again be disturbed.

Having described our invention, what we claim is—

1. The combination with a suspensory pouch, of means for securing the pouch to the wearer, a flexible loop attached to the posterior part of the pouch, a guide provided with a hooked portion detachably hooked to said loop, and a leg-strap loosely passing through said guide and secured at its ends to the upper front part of the pouch, substantially as described.

2. The combination with a suspensory pouch, of means for securing the pouch to the wearer, a textile loop secured to the posterior part of the pouch, a guide detachably secured to said loop, textile loops attached to the upper front part of the pouch, a leg-strap loosely passing through said guide, and hooked fastenings adjustably secured to the ends of the leg-strap and detachably engaging said textile loops on the front of the pouch, substantially as described.

3. The combination with a suspensory pouch, of means for securing the pouch to the wearer, a textile loop secured to the posterior part of the pouch, a guide comprising a plate provided with an open loop detachably engaging said textile loop and having a pendant slotted portion, textile loops attached to the upper front portion of the pouch, a leg-strap loosely passing through the slot in the guide, and hooked fastenings adjustably secured to the ends of the leg-strap and detachably engaging the textile loops on the front of the pouch, substantially as described.

In testimony whereof we have hereunto set our hands in presence of two subscribing witnesses.

LEE ROGERS.

JAMES E. CUTHBERT.

Witnesses:

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JNO. T. PARHAM.