

No. 702,396.

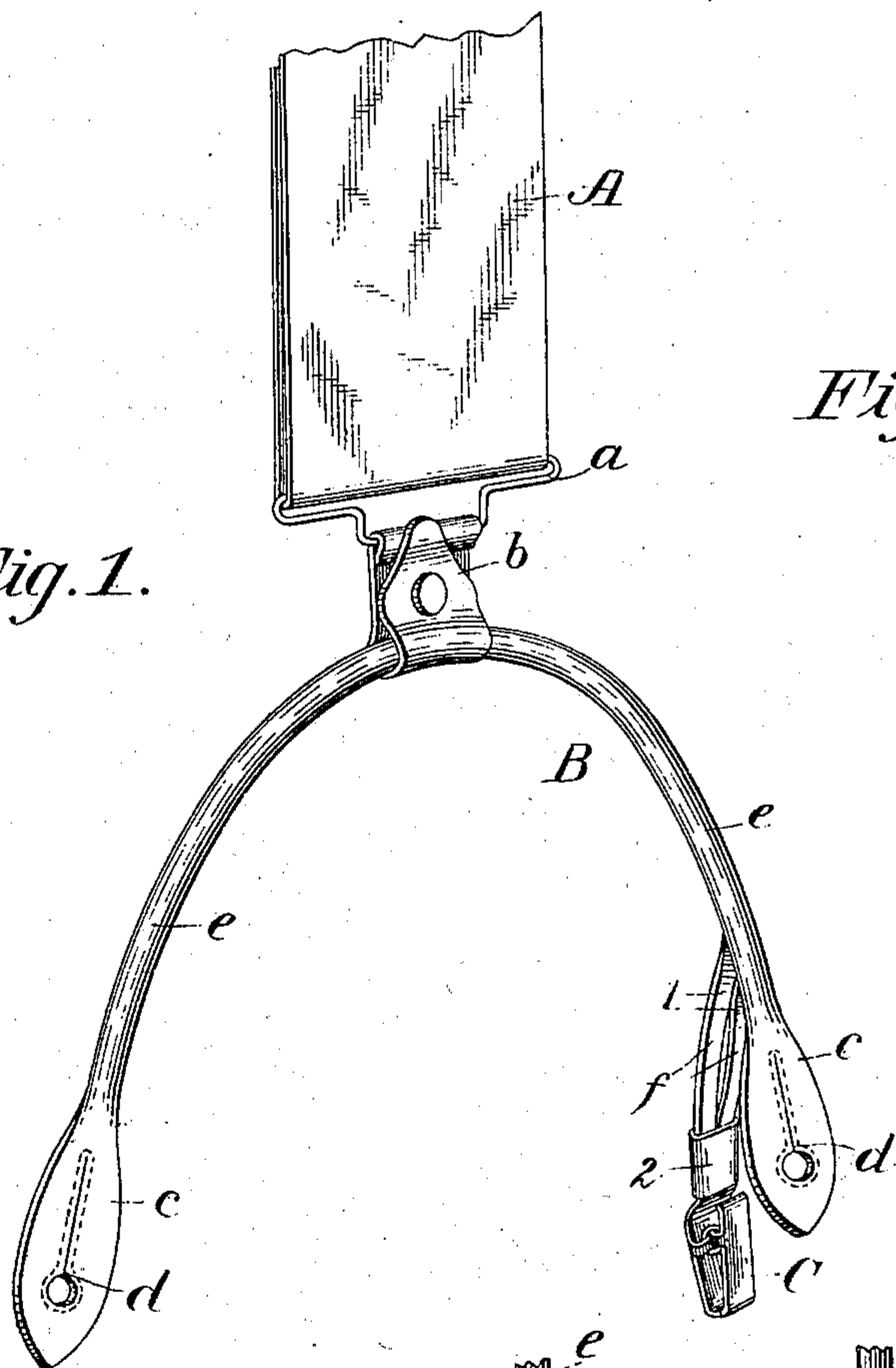
Patented June 17, 1902.

W. BLOOMBERG.  
SUSPENDER END.

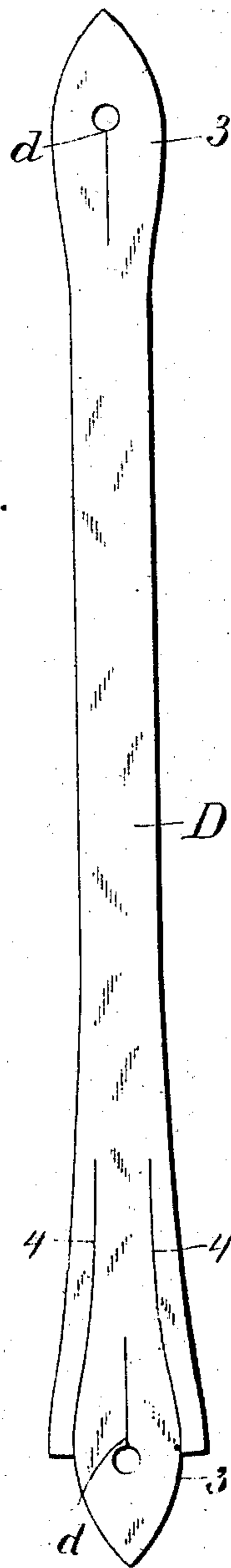
(Application filed Dec. 18, 1901.)

(No Model.)

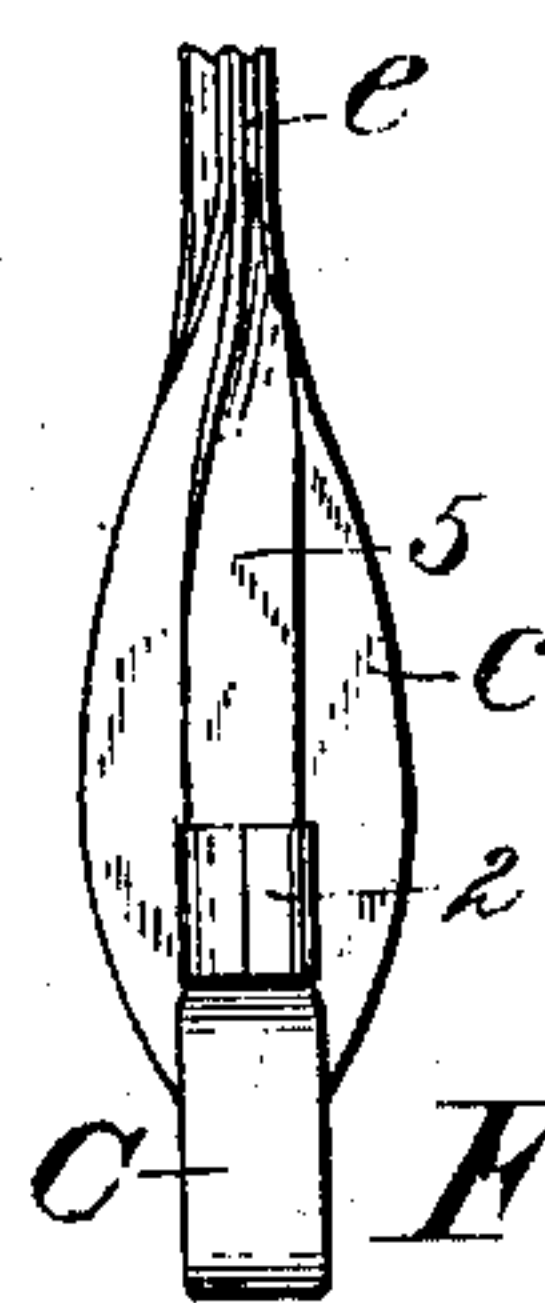
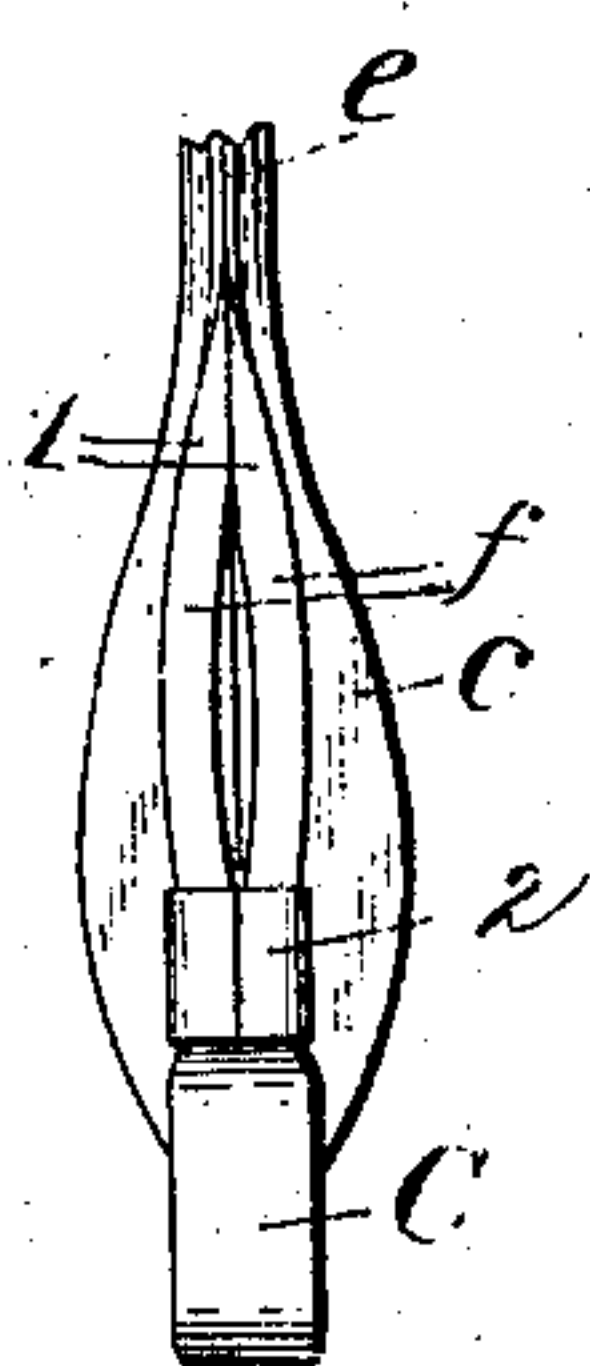
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*Fig. 4.*

Witnesses

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# UNITED STATES PATENT OFFICE.

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## SUSPENDER-END.

SPECIFICATION forming part of Letters Patent No. 702,396, dated June 17, 1902.

Application filed December 18, 1901. Serial No. 86,411. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM BLOOMBERG, a citizen of the United States, residing in New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Suspender-Ends, of which the following is a specification.

This invention relates to suspender-ends for garments; and it consists substantially in the improvements hereinafter more particularly described.

Though applicable to other forms, the present invention has especial reference to that type of suspender-end comprising, preferably, a slender connecting portion between the end tabs, in which are formed the usual button-holes for effecting attachment to trousers; and the invention is principally intended as an improvement upon the "suspender-end," for which United States Letters Patent No. 622,594 were granted me on the 4th day of April, 1899. In my said Letters Patent the suspender-end is formed or constructed of a single piece having auxiliary straps or appendages extending inwardly between the buttonhole-tabs and brought together at their ends, where they are clamped or otherwise secured to or within a fastening therefor, designed also for attachment to the waistband of the drawers or undergarment. Said former device or suspender-end is particularly advantageous and effective in many respects; but in actual practice it is found that by reason of the angular relation or position which the auxiliary straps or appendages thereof occupy with respect to the device said appendages soon tear away or separate from said device on account of the tendency thereof to pull or straighten out vertically consequent upon strains exerted thereon by movements of the body and weight of the undergarment. This tendency of the appendages is also frequently accompanied by a bending or twisting thereof at the edge of the clamp, which secures or unites them together and which action causes the clamp to gradually cut into them and finally completely sever one or both of them from the clasp or fastening which unites them with the drawers or undergarment. Moreover, in the device or suspender-end of my said former Letters Patent the said

auxiliary straps or appendages are rather unsightly or conspicuous in use and tend to expose the drawers above the trousers, due also to the relative positions they occupy, and they sometimes have the disadvantage of catching over the buttons of the trousers in attempting to make proper connection of the clasp or fastening device thereof with the drawers.

The object of the present invention is to overcome all of the disadvantages above mentioned, as well as others common to this class of inventions generally, and to provide a suspender-end having a support for an undergarment which is approximately parallel with the direction of greatest strain imposed thereon by the weight of the garment.

A further object of the invention is to provide a suspender-end having a support for an undergarment which is approximately parallel with the end tabs of the device, whereby the strains imposed by the weight of the garment are received and distributed practically lengthwise of the support, and also to provide a construction and organization of suspender-end whereby the said support is practically covered or concealed from view by one of said end tabs.

A still further object is to provide a device of the character named which is exceedingly simple and cheap to manufacture and one also which may readily be sold to the market and trade as a separate article for attachment to the ends of many forms of suspenders at present in use.

The above and additional objects are attained by means substantially such as are shown in the accompanying drawings, wherein—

Figure 1 is a view in perspective of a suspender-end embodying my improvements, the same being shown as attached in a well-known manner to the end of an ordinary suspender. Fig. 2 is a view of the blank from which my improved suspender-end is formed or constructed. Fig. 3 is a view of my invention in detail looking at the inner or under side of one of the buttonhole or end tabs of the device, the auxiliary drawers-support being shown as located considerably within the edges or border-lines of said tab. Fig. 4 is a



similar view to Fig. 3, representing a modification.

In carrying my invention into effect I provide a suspender-end having at the ends thereof the usual buttonhole-tabs, which in many instances are of considerably greater width than the main or connecting portion of the device between said tabs, and formed with or attached to the device at or near, preferably, but one end thereof is an auxiliary drawers-support comprising in the present instance straps or appendages to the lower ends or extremities of which is secured in any suitable manner any preferred form of clip or clasp for attachment to the drawers or undergarment. Said appendages preferably constitute an integral part of the suspender-end or device, and they are also preferably fastened to the drawers clip or clasp in such manner as to be permitted to distend or yield somewhat in the use of the device upon the person. They are also so formed with or attached to the device as to be almost entirely concealed from view while in use. In practice I usually construct the entire device, inclusive of said appendages, from a single piece or blank, which is first cut to the desired shape and afterward folded together and joined securely by suitable stitching in the well-known way. Said appendages are preferably minus any stitching, however, unless it should be desired to attach or apply a reinforce thereto, but this is not usually necessary. Instead of employing duplicate straps or appendages of which to constitute the auxiliary drawers-support I may sometimes employ a single one of such appendages only, and my invention is therefore obviously intended to comprehend or include such an embodiment.

Specific reference now being had to the accompanying drawings by the designating characters thereon, A represents the end portion of an ordinary suspender for garments, having a sort of loose hinge *a* attached thereto and to which in turn is attached loosely a clasp *b*, in which is likewise loosely suspended or supported a suspender-end B, constructed and organized in accordance with my present invention. Said suspender-end B comprises end tabs *c c*, in each of which is formed a buttonhole *d* for attachment to waist-buttons (not shown) of an ordinary pair of trousers, and an intermediate connecting portion *e* between said buttonhole or end tabs, said parts or elements each being usually of the form herein shown. Formed with or attached to said suspender-end, so as to depend therefrom in rear of or at the under side of, preferably, one only of said end tabs, is an auxiliary support for an undergarment comprising, preferably, duplicate straps or appendages *1 1*, which are shown as located well within the edges or border-lines of the tab, so as to be excluded from outside view to a considerable extent, said straps or appendages being brought together at the ends and se-

cured in a clamp 2 by compression or otherwise, and said clamp preferably constituting a part of the clip or clasp C, designed for attachment to the waistband of the drawers or undergarment of the user. The straps or appendages may be substantially parallel or perfectly straight; but in order to permit them to distend or yield somewhat in practice they are given a slight outward flexure or bulge *f*, so as the better to yield to and withstand the pulling strains exerted thereon by the weight of the undergarment. The said auxiliary support may be made separately from the suspender-end and afterward secured thereto, if desired; but I prefer to make the two integral, and for which purpose I employ a blank D (shown in Fig. 2) from which to construct the entire loop. Said blank consists of a strip of leather or other suitable material of proper dimensions, which is widened slightly at 3 3, so as to form the end tabs referred to, and at preferably near one end only the said blank is slitted or severed at 4 4, but without removing any part of the material thereof, so as to form the said straps or appendages, also hereinbefore referred to as constituting the auxiliary drawers-support. In folding the longitudinal edges of said blank together and securing them by stitching in the usual way to form the slender connecting portion *e*, Fig. 1, between the end tabs *c c*, the said straps or appendages *1 1* are carried beneath or on the under side of the tab, as shown in Figs. 1 and 3, and thus is my improved suspender-end constructed and organized.

As shown at 5 in the modification Fig. 4, a single strap or appendage only is employed, and to form which the blank in Fig. 2 is slitted or cut a suitable distance from one edge only in like manner, as already explained with reference to the formation of the duplicate straps or appendages. This latter construction is clearly within the scope of my present invention and may be employed in some instances with substantially equal effect. If desired, the duplicate straps or appendages may in some instances be themselves brought together and united in any suitably way, as by stitching, in which case also the auxiliary support will comprise practically a single piece of much greater strength than when constructed as in Fig. 4.

It is thought the many advantages of my present invention will be fully apparent, both in respect to the simplicity and efficiency possessed thereby, as well as in the reduction of the liability to cutting and pulling apart of the support, either from the suspender-end itself or from the drawers-clasp.

It will be understood, of course, that I do not limit myself to any of the details of construction and organization of the several elements of the device herein shown and specifically referred to.

Having thus described my invention, what I claim is—

1. A suspender-end comprising tabs for at-



tachment to trousers, one of said tabs being slitted lengthwise to form a pendent drawers-support.

2. A suspender-end comprising tabs for attachment to trousers, one of said tabs being slitted lengthwise to form a drawers-support, and said support being secured to hang intermediate the edges of the tab.

3. A suspender-end comprising tabs for attachment to trousers, one of said tabs being slitted lengthwise to form a drawers-support, and said support being secured to hang intermediate the edges of the tab on the inner side thereof.

4. A suspender-end comprising tabs for attachment to trousers, one of said tabs being slitted lengthwise to form a drawers-support, and said support being secured to hang intermediate the edges of the tab and provided with attaching means to a garment.

5. A suspender-end comprising tabs for attachment to trousers, one of said tabs being slitted lengthwise to form a drawers-support, and said support being secured to hang intermediate the edges of the tab and provided with a clasp for attachment to a garment.

6. A suspender-end comprising tabs for attachment to trousers, one of said tabs being slitted lengthwise a suitable distance from each edge thereof to form duplicate appendages or drawers-supports, and means uniting the lower ends of said appendages adapted for attachment to a garment.

7. A suspender-end comprising tabs for attachment to trousers, one of said tabs being slitted lengthwise a suitable distance from each edge to form duplicate appendages or

drawers-supports, said supports being secured to hang within the edges of the tab at the inner side thereof, and means uniting the free ends of said appendages adapted for attachment to a garment.

8. A suspender-end comprising tabs for attachment to trousers, one of said tabs being slitted lengthwise a suitable distance from each edge to form duplicate appendages or drawers-supports, said supports being flexed outwardly and secured to hang intermediate the edges of the tab, and means uniting the supports at their lower ends and maintaining the flexure thereof, said means being adapted for attachment to a garment.

9. A suspender-end comprising tabs for attachment to trousers, one of said tabs being slitted lengthwise a suitable distance from each edge to form duplicate appendages or drawers-supports, said supports being flexed outwardly and secured to hang within the edges of the tab, and a clamp uniting the supports at their lower ends and maintaining the flexed relation thereof, said clamp being provided with a clasp for attachment to a garment.

10. A blank from which to form suspender-ends combining both a trousers-support and a drawers-support, the same comprising a suitable strip formed with buttonholes at the ends and slitted from one end only thereof a suitable distance from the edge.

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Witnesses:

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