

(No Model.)

J. STIEFEL & M. JUHN.
DRAWERS AND OTHER GARMENTS.

No. 254,782.

Patented Mar. 7, 1882.

Fig. 1.

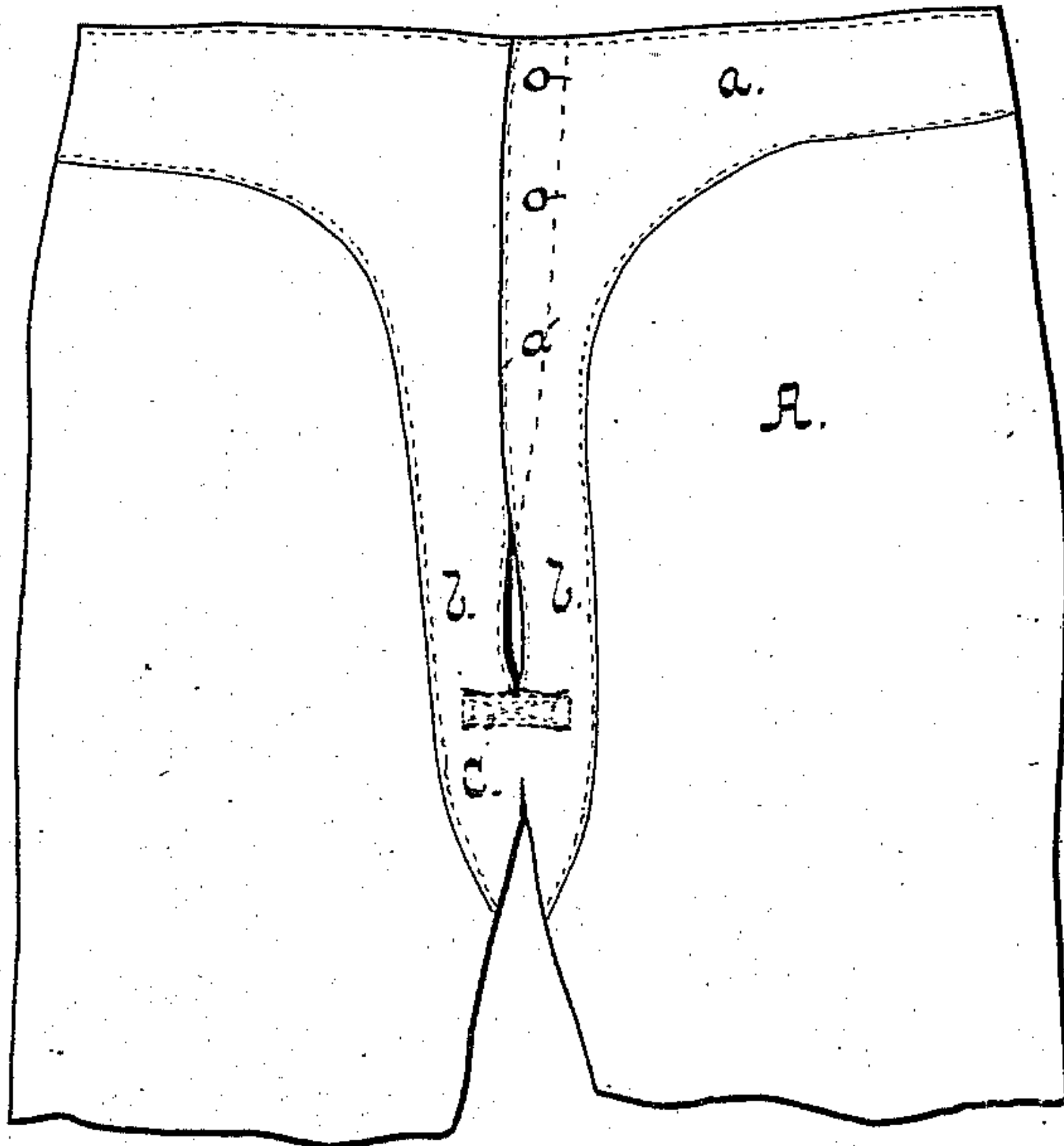
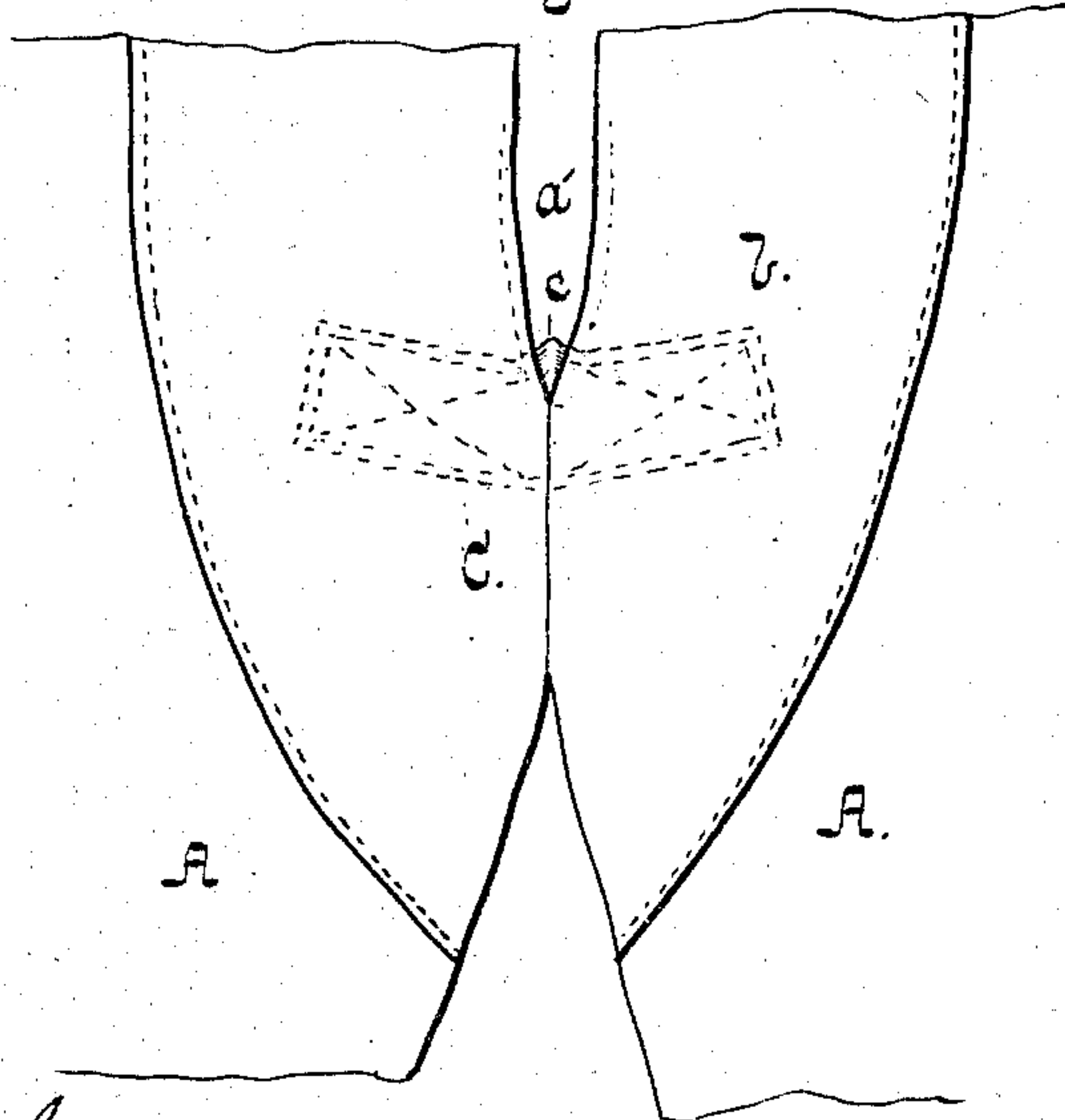


Fig. 2.



WITNESSES.

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DRAWERS AND OTHER GARMENTS.

SPECIFICATION forming part of Letters Patent No. 254,782, dated March 7, 1882.

Application filed November 10, 1881. (No model.)

To all whom it may concern:

Be it known that we, JULIUS STIEFEL and MAX JUHN, both of Baltimore city, State of Maryland, have invented certain new and useful Improvements in Drawers and other Garments; and we hereby declare the same to be fully, clearly, and exactly described as follows, reference being had to the accompanying drawings, in which—

Figure 1 is a front elevation of the upper part of a pair of drawers embodying our invention; and Fig. 2 is a similar view, on an enlarged scale, of the particular part to which the invention relates.

Much annoyance and discomfort have been caused by the tearing of drawers in the crotch from the front opening downward, which have only been in a measure obviated by the devices heretofore used for that purpose. It has been sought to remedy the evil by continuing the front band below the opening and whipping the end of the latter with thread, similar to an ordinary pocket-opening. This expedient is not satisfactory. The cotton or linen of which drawers are made is too flimsy in its character to bear a substantial whipping like cloth, and the tear occurs sooner or later, and when once started its progress is only resisted by the double thickness of the stuff. We have succeeded in re-enforcing the end of the front opening in a manner that wholly obviates all danger of tearing by ordinary use, and that in a cheap and simple way.

In the drawings, A A are the drawers, having waistband *a* and front opening, *a'*. The waistband is continued, as usual, around the front opening, as shown at *b*.

C is a strip, of common tape or any equiva-

lent strong and unyielding stuff, inserted between the parts A and *b*, and sewed in place by lines of stitching.

The tape crosses the end of the front opening, leaving a slack portion, *c*, therein, as shown in Fig. 2, the object of which is to bring any tearing strain fairly upon the whole width of the tape at once, and not confine it to the upper edge of the tape. There would in no case be any danger of the rupture of the tape itself, for it is stronger than the double thickness of material; but were it quilted in place without the slack portion *c* any strain would come upon the upper row of stitches and would be liable to tear the stuff.

The device is applied at a wholly insignificant expense, and wholly obviates all danger of tearing. It is applicable also to other analogous uses, such as for re-enforcing the neck-openings of shirts, &c.

We are aware that the seats and crotches of drawers and overalls have been re-enforced by pieces of textile fabric sewed in place, and such we do not claim.

What we claim is—

1. The re-enforcing strip of tape C, or equivalent unyielding material, quilted to the garment across the end of the opening *a'* and between the parts A and *b*, as set forth.

2. In a garment, a re-enforcing strip of tape, C, or equivalent unyielding material, secured across the end of the opening and having the slack edge *c*, as set forth.

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Witnesses:

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