L. & W. LEVY.

MANUFACTURE OF GARMENTS.

APPLICATION FILED JUNE 20, 1913.

1,161,702.

Patented Nov. 23, 1915.

Fig. 1.

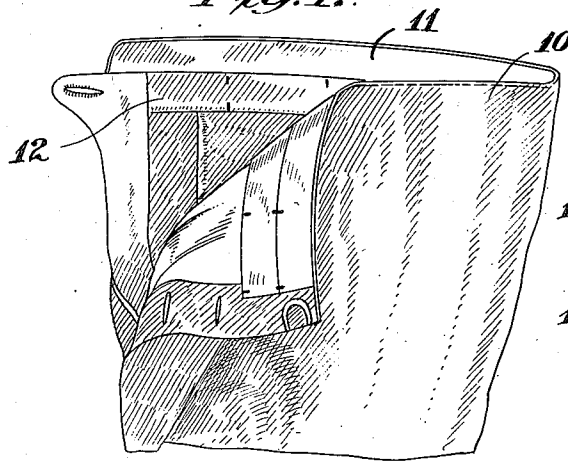


Fig. 7.

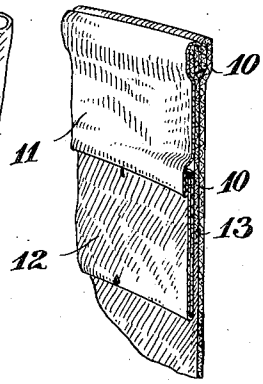


Fig. 2.

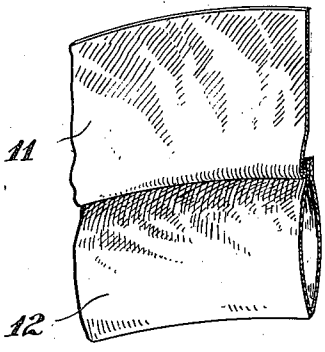


Fig. 6.

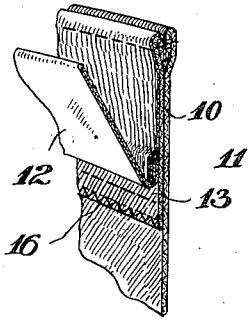


Fig. 8.

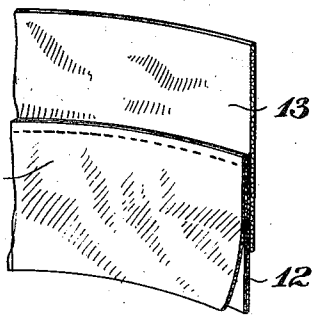


Fig. 3.

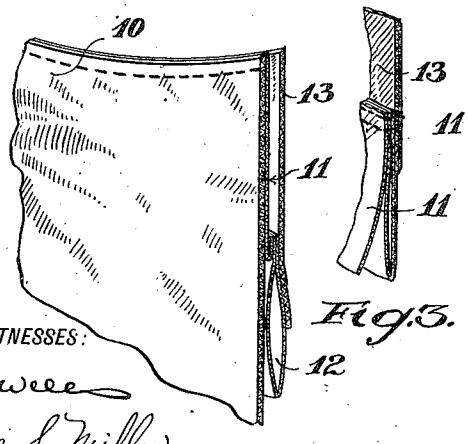
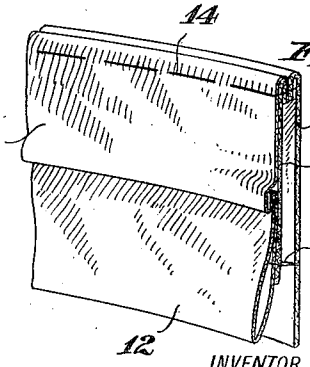


Fig. 5.



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Fig. 4.

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UNITED STATES PATENT OFFICE.

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MANUFACTURE OF GARMENTS.

1,161,702. Specification of Letters Patent. Patented Nov. 23, 1915.

Application filed June 20, 1913. Serial No. 774,789.

To all whom it may concern:

Be it known that we, LAZARUS LEVY and WILLIAM LEVY, citizens of the United States, and residents of New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in the Manufacture of Garments, of which the following is a specification.

This invention relates to the manufacture of garments, particularly to the mode of attachment of the waist band lining of trousers.

In the manufacture of trousers as hitherto carried on, the stiffening interlining band was first sewed onto the waist band and then the waist band lining and curtain had to be sewed by hand with an invisible, blind stitch over the stiffening at the interior of the waist band. The waist band was then stitched, the curtain tacked down, and the waist band was considered finished. This method has the disadvantage of requiring considerable hand work, as the average waist measurement is from thirty-two to forty inches or more, and thus a long stretch of hand stitching is necessary. Hand work is expensive and in many cases unsatisfactory and with the rigid enforcement of laws against home work in crowded districts, it will in time become almost impossible to employ with any degree of economy. Moreover, the garment produced by hand work as above indicated, is not entirely satisfactory for the reason that the waist band lining is attached to the stiffening at the upper edge only, the support for the lower edge depending merely upon the tacking down of the curtain. As a result of this, very often the waist band lining works up over the edge of the waist band and becomes visible, thus marring to a considerable degree the appearance of the garment. To overcome these difficulties, we have devised a method of attaching the waist band lining and stiffening whereby all hand work is eliminated with the exception of the slight amount of hand work involved in tacking down the curtain. The appearance of the finished garment, however, is exactly identical with the hand made garment, as no stitches whatever are visible. Moreover, the waist band lining, instead of being fastened at one edge only, as in the previous practice, is fastened at both edges and thus cannot work up above the margin of the waist band.

In the accompanying drawing illustrating this invention, Figure 1 is a perspective view of the upper portion of a finished pair of trousers showing the waist band lining and the curtain attached to the interior of the waist band. Figs. 2 to 7 are fragmental perspective views illustrating various steps in the process of attaching the waist band lining, stiffening and curtain to the interior of the waist band of the trousers. Fig. 8 is a fragmental perspective view similar to Figs. 2 to 7, illustrating a modification.

In the usual design of trousers, the waist band 10 may be made separately or in one piece with the rest of the garment and at the interior of the waist band are attached the waist band lining 11 and the curtain 12. In my improved process, the waist band lining and curtain are first sewed together (Fig. 2) and then both are sewed to the interlining stiffening 13 (Fig. 3). The waist band lining 11 may then be turned up and together with the interlining stiffening 13 be sewed to the exterior of the waist band with the stiffening on the outside (Fig. 4). Then the waist band lining, stiffening and curtain are turned over (Fig. 5) and basted together at the upper margin with basting 14 and the lower edge of the stiffening may also, if desired, be basted to the body of the garment by basting 15. Then the curtain is turned up (Fig. 6) and the waist band stitched, thereby securing the lower edge of the stiffening to the waist band. The curtain may thereupon be turned down and tacked down by hand (Fig. 7) and the operation is complete. Instead of sewing the waist band lining and curtain together before sewing the two to the stiffening interlining, the three may be sewed together as the first step in the operation, (Fig. 8). If desired, the lower edge of the interlining stiffening may be stitched as indicated at 16. This prevents the stiffening from unraveling and is a step which may be readily accomplished by machine. It will thus be seen that all of the steps in our improved method may be carried out by machine work with the exception of the simple and easy step of tacking down the curtain which is done to complete the waist band. The stitches are all invisible and the finished garment appears equal, if not superior, to

a garment finished by the best hand work. Moreover, the garment itself is actually improved for the reason that the waist band lining is sewed to the stiffening at its lower edge, and thus renders it practically impossible for the waist band lining to work up and out over the waist band to mar the appearance of the garment as worn.

Having thus described our invention, what we claim as new and desire to secure by Letters Patent is:—

1. The method of finishing the waist band of trousers consisting in first sewing the waist band lining and curtain adjacent to one edge of the interlining stiffening, turning up the free edge of the waist band lining, and sewing the same together with the free edge of the stiffening to the exterior of the waist band at the upper edge thereof, turning the three members thus sewed on over to the interior of the waist band and then stitching off the waist band and thereby securing the lower edge of the stiffening.

2. The method of finishing the waist band of trousers consisting in sewing the waist band lining and curtain to one edge of the interlining stiffening, sewing the free edge of the waist band lining and the free edge of the interlining stiffening to the upper edge of the waist band, and then sewing the lower edge of the interlining stiffening to the waist band.

Signed at New York city, in the county of New York and State of New York this 18th day of June A. D. 1913.

LAZARUS LEVY.
WILLIAM LEVY.

Witnesses:
SYLVESTER ASHHEIM,
HANNAH ARONSON.