

J. C. TALLMAN.
Corset.

No. 204,459.

Patented June 4, 1878.

Fig. 1.

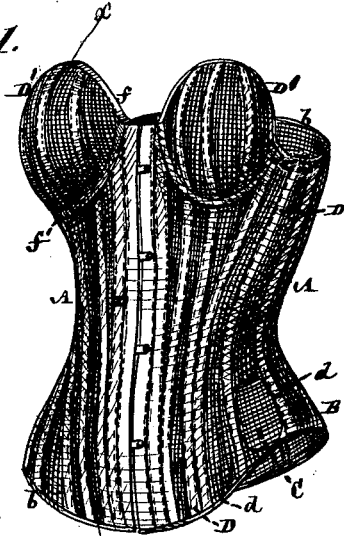


Fig. 3.

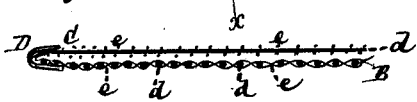


Fig. 4.

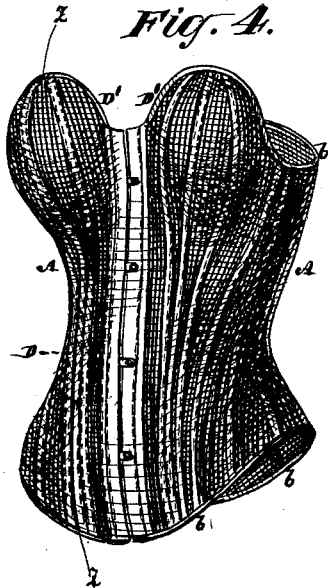


Fig. 2.

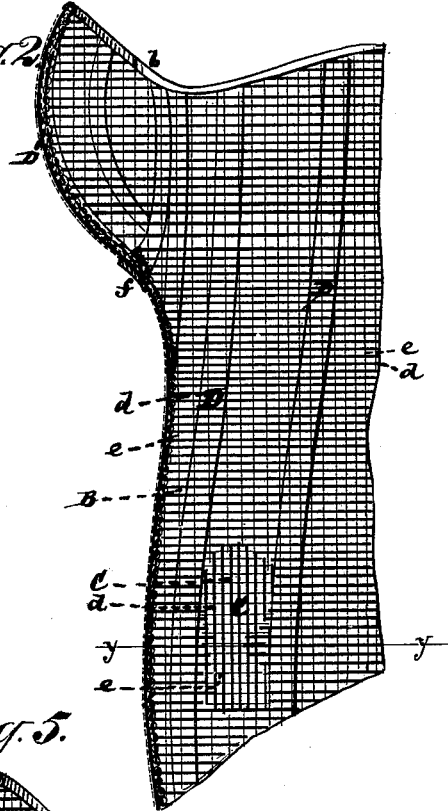
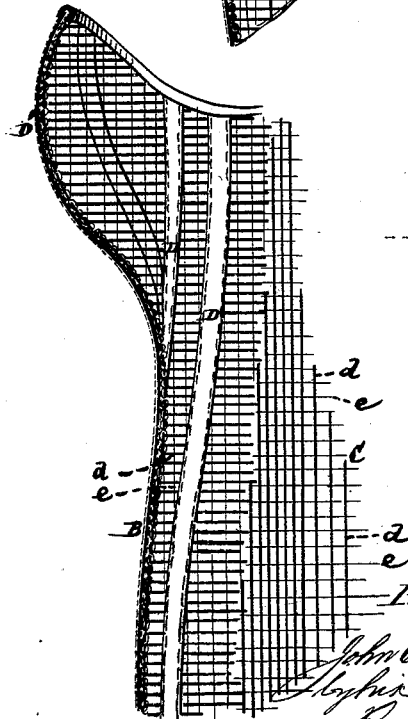


Fig. 5.



Witnesses
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JOHN C. TALLMAN, OF NEW YORK, N. Y., ASSIGNOR TO LUCIEN C. WARNER,
OF SAME PLACE.

IMPROVEMENT IN CORSETS.

Specification forming part of Letters Patent No. **204,459**, dated June 4, 1878; application filed
October 10, 1877.

To all whom it may concern:

Be it known that I, JOHN C. TALLMAN, of the city and State of New York, have invented certain new and useful Improvements in the Manufacture of Corsets, of which the following is a description, reference being had to the accompanying drawing, forming part of this specification.

The object of my invention is to provide a compound fabric for the manufacture of corsets and similar articles, and to provide a practicable mode of manufacturing corsets of any required form and dimensions, in whole or in part, of such material.

In the accompanying drawing, which forms a part of this specification, Figure 1 is a perspective view, showing one form of my improved corset; Fig. 2, an enlarged section on the line *x x*, Fig. 1; Fig. 3, an enlarged section on the line *yy*, Fig. 2, showing the structure of the fabric; Fig. 4, a perspective view, showing another form of corset; and Fig. 5, a section on the line *Z Z*, Fig. 4.

The main object of my invention is to utilize that class of fabrics in which a pliable warp of cotton or other material is combined with a weft of stiff elastic material, as China grass, tampico, horse-hair, and similar substances.

Such fabrics alone are unsuitable for use in corsets, as they yield too readily in the direction of the pliable warp, although the weft will impart stiffness in the other direction. To overcome this difficulty, and yet retain the lightness, flexibility, and other desirable qualities of a reticulated fabric having stiff elastic warps or wefts, I form a compound fabric by arranging two layers or sheets, B C, of the said fabric, Fig. 3, so that the stiff wefts shall cross each other at an angle, the weft of one portion thus imparting stiffness in the direction in which the other portion is pliable. I thus obtain a compound fabric which has the

requisite stiffness in all directions, while it is pliable and elastic, light in weight, and affords a free ventilation.

In the manufacture of the corset the sections are cut from the compound fabric, and are united by overlapping the edges, applying a binding-strip, D, at the junction, and sewing the whole together, the increased stiffness resulting from bending in the ends of the warps of the material, aided by the additional thickness of the strips D, being sufficient in some instances to render further stiffening by bones unnecessary. The breast-receptacles are formed either by the peculiar formation of the sections constituting the front of the corset, as shown in Figs. 4 and 5, or by recessing the front sections and inserting bosom-pads, as shown in Figs. 1 and 2.

It will be apparent that either the warp or the weft may be of stiff material, the cross-threads being pliable.

Although I have shown the bosom-pads as made from the compound fabric, I do not here claim the same, as they constitute the subject of a separate application for Letters Patent.

I claim—

1. The within-described compound fabric for corsets, &c., consisting of sheets or sections of fabric, each having the warp or weft only of stiff material, and arranged with the stiff fibers of one section at an angle to those of the other section, as set forth.

2. A corset formed in whole or in part of the within-described compound fabric, consisting of layers each with a warp or weft only of stiff material, arranged so that the stiff fibers of one layer are at an angle to those of the other layer, as set forth.

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Witnesses:

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