

J. OTTENHEIMER.  
Corset.

No. 202,044.

Patented April 2, 1878.

Fig. 1

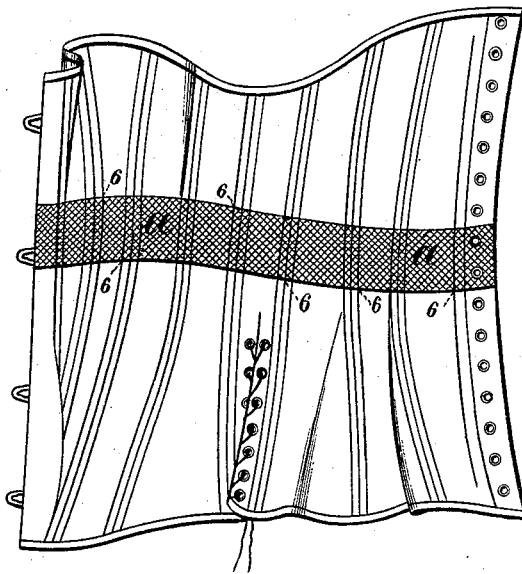


Fig. 2.

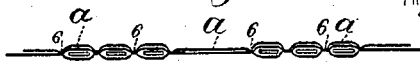
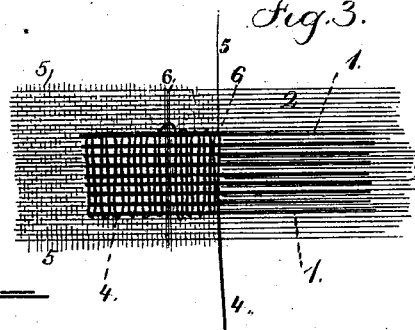


Fig. 3.



Witnesses

Chas. H. Smith  
Geo. T. Pinckney

Inventor

Julius Ottenheimer.  
per Lemuel W. Lowell  
att'y.

# UNITED STATES PATENT OFFICE.

JULIUS OTTENHEIMER, OF NEW YORK, N. Y., ASSIGNOR TO OTTENHEIMER BROTHERS, OF SAME PLACE.

## IMPROVEMENT IN CORSETS.

Specification forming part of Letters Patent No. 202,044, dated April 2, 1878; application filed February 14, 1878.

*To all whom it may concern:*

Be it known that I, JULIUS OTTENHEIMER, of the city and State of New York, have invented an Improvement in Corsets, of which the following is a specification:

Corsets have been made of sections of various shapes sewed together, and in some instances the waist portion has been provided with a band to prevent the corset stretching, such band being sewed to the other sections of the woven fabric in making up the corset.

In woven corsets there have been the bone-pockets and gores, that compose the half-corset, woven in one piece, and adapted to being trimmed and finished; but these corsets are very liable to stretch at the waist and become too large by wear.

Woven fabrics have also been made of two thicknesses, joined at intervals by the weaving.

My invention consists in an improvement in the woven corsets, whereby the stretching at the waist is avoided; and the same consists in the combination, with a woven corset, of a waistband made of sufficiently heavy material to prevent stretching, and woven with the warps of the band interlocked periodically with the warps and weft of the corset fabric, whereby the waistband is kept properly in place upon the corset; but it is a strip of fabric in addition to the woven corset fabric, so that such woven corset fabric is not disfigured in its appearance upon the outside, the waistband being inside; but at the same time the waistband adds to the corset the strength required to prevent stretching.

In the drawings, Figure 1 is a perspective view of the inside of one-half of a corset, and Fig. 2 is a section of the waistband and corset.

The corset itself is woven of one piece, with the gores and bone-pockets of usual character. The corset made in this manner is well known, and does not require further description.

There are additional warp-threads at the

waist to form a band, *a*. These warps are of the required strength and number, and they are worked in the loom independently of the warps composing the body of the fabric; and there is an independent shuttle and weft thread, whereby the strip of fabric *a* is woven continuously, or nearly so, as the weaving of the corset progresses.

The fabric of the belt *a* is united with the fabric of the corset periodically in the weaving, so that the two fabrics are tied together at suitable distances apart. This is effected by depressing or raising the warps of the band *a*, so that the weft thread or threads of the corset fabric hold such weft-threads into the corset fabric, and then the warps of the belt *a* are again raised or lowered, so as to be manipulated independently of the main warps.

The connection of the two fabrics is preferably made at the edges of the bone-pockets, where the single body fabric commences to be woven double to form such pockets.

In the diagram, Fig. 3, the peculiarity in the weaving of this band is illustrated, the warp-threads 1 1 being those of the band *a*, the warp-threads 2 2 being those of the ordinary corset fabric, the heavier weft-threads 4 being those of the band, and the lighter weft-threads 5 being those of the fabric. At 6 the warps 1 and 2 are interlocked by the weft-threads 5.

It will be apparent that some of the warps of the corset fabric might be raised at intervals, so as to be woven into the fabric of the band *a*, and thereby interlocked.

I claim as my invention—

The woven corset having a waistband, *a*, woven separately, but connected with the fabric of the corset at intervals by the interlocking of the warps and weft-threads, substantially as set forth.

Signed by me this 9th day of February, A. D. 1878.

JULIUS OTTENHEIMER.

Witnesses:

CHAS. OTTENHEIMER,  
EDW. JÄCKEL.