

(No Model.)

C. F. ALLEN.

CORSET.

No. 261,647.

Patented July 25, 1882.

Fig. 1.

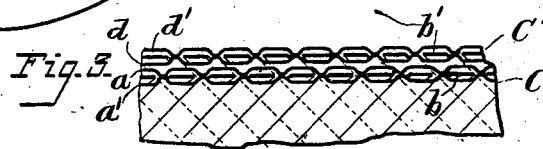
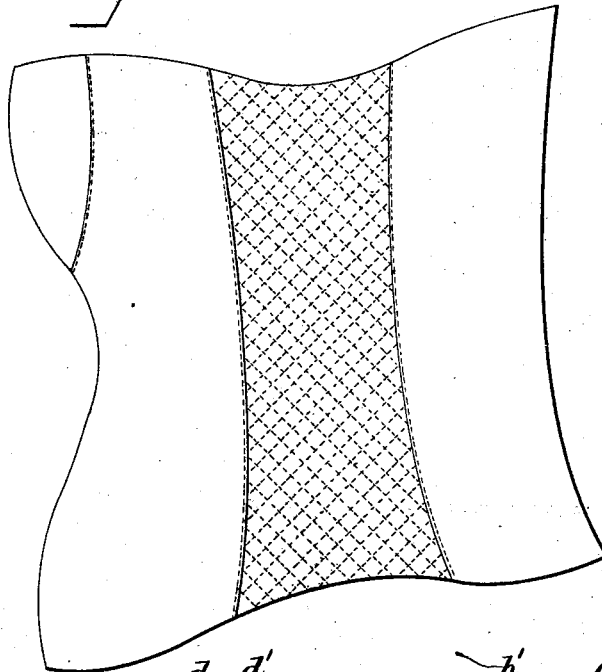
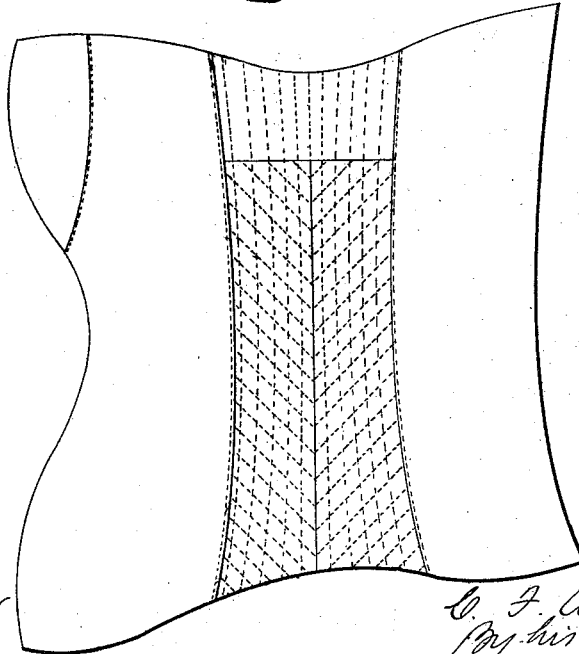


Fig. 2.



Attest:
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By his attorney
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UNITED STATES PATENT OFFICE.

CHAUNCEY F. ALLEN, OF WATERBURY, CONNECTICUT.

CORSET.

SPECIFICATION forming part of Letters Patent No. 261,647, dated July 25, 1882.

Application filed December 27, 1880. (No model.)

To all whom it may concern:

Be it known that I, CHAUNCEY F. ALLEN, of Waterbury, New Haven county, Connecticut, have invented certain Improvements in Corsets, of which the following is the specification.

The object of my invention is a corset in which the "under-arm" portions—that is, each side between the arm and the hip—are so stiffened as to prevent the breaking of the bones so liable to occur at these points, the result being secured by combining in the corset two series of stays or bones arranged in pockets, one series crossing the other at an angle, as shown in the accompanying drawings, in which—

Figure 1 is a side view of a corset illustrating my improvement; Fig. 2, a side view showing a different arrangement of bones; Fig. 3, a section illustrating the relative positions of the bones of the two overlying series.

As is well known, corsets boned or stiffened in the ordinary manner are apt to break at or over the hip and to crowd down between the arm and hip, thereby becoming misshapen and useless. This results from the fact that the strains and bends come upon a single series of bones, the weakness of any one of which causes it to break, the fracture of one bone leading quickly to the breaking of the others.

In order to compensate for any such weakness in the stiffeners, I use two series, one overlying the other and crossing the same at an angle, so that any weak portion of one series will be compensated for by the strength of the adjacent series. While the side of the corset is thus strengthened and any weakness in any of the stiffeners compensated for, I maintain

the requisite pliability in the corset by forming the pockets in two overlying cloth sections, C C'. Thus the outside section, C, is formed by stitching together two sheets, *a a'*, forming pockets for the outer series of bones, *b*, and the inner section, C', is formed by stitching together two sheets, *d d'*, forming pockets at an angle to the outer pockets for the reception of the inner series of bones, *b'*.

The arrangement of the bones to bring one series at an angle to the other is not material. Thus the inner series may be vertical, as in Fig. 2, or inclined, as in Fig. 1, and the outer series may consist of bones extending across the section, as in Fig. 1, or partly across the same, Fig. 2, the result being the same in either case so far as one series stiffens and strengthens the other.

I claim—

1. A corset stiffened at the side by means of two series of bones secured in pockets in overlying portions of the corset, one series crossing the other at an angle, substantially as set forth.

2. The combination, in a corset, of two overlying sections arranged between the arm and hip, each section consisting of two sheets stitched to form bone-pockets at an angle to those of the other section, substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHAUNCEY F. ALLEN.

Witnesses:

R. MAXWELL,
D. P. PACKARD.