

(No Model.)

DE VER H. WARNER.
DRESS STAY.

No. 495,618.

Patented Apr. 18, 1893.

Fig. 1.

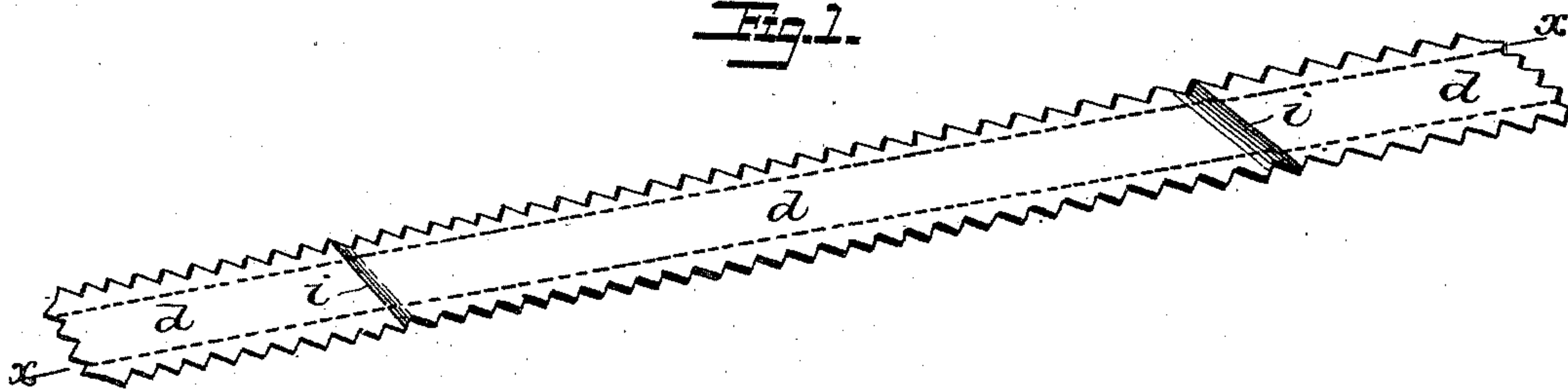


Fig. 2.

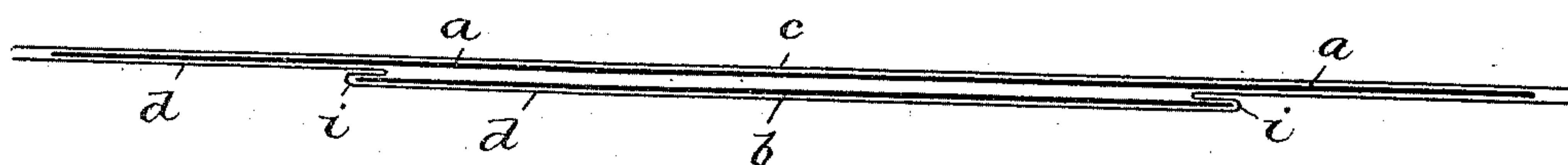


Fig. 3.



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DE VER H. WARNER, OF BRIDGEPORT, CONNECTICUT.

DRESS-STAY.

SPECIFICATION forming part of Letters Patent No. 495,618, dated April 18, 1893.

Application filed January 28, 1893. Serial No. 460,082. (No model.)

To all whom it may concern:

Be it known that I, DE VER H. WARNER, residing in Bridgeport, Fairfield county, Connecticut, have invented certain new and useful Improvements in Dress-Stays, of which the following is a specification.

It has been found that dress stays, provided each with two overlying blades, possess decided advantages over those in which a single blade of greater stiffness is employed, but it has been found somewhat difficult to make stays of this character economically in consequence of the necessity of providing two pockets for the two stays.

The object of my invention is to produce a dress-stay having an inclosing casing without the necessity of making two independent pockets and without the necessity of using a number of strips which must be connected together, and to this end, I construct the casing and insert the blades as fully set forth hereinafter, and as illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of my improved dress stay, and Fig. 2 is a longitudinal section; Fig. 3, a sectional view illustrating a modification.

In making up my improved stay, I make use of two blades *a*, *b* of steel or other suitable material, the blade *b* being shorter than the blade *a*, and I also make use, in the manufacture of the casing for the blade of two strips *c* and *d*, the strip *d* being longer than the strip *c* for the reasons set forth herein-
after.

In building up the stay from the parts above described, I first lay the short blade *b* upon the extended strip *d*, and I then bend the latter around the ends of the blade *b*, forming two narrow infolds, *i*, *i* for the ends of the blade *b*, the ends of the strip *d* being carried out to the position shown in Fig. 2, after which, I lay the blade *a* upon the strip *d* and blade *b*, and then I place the strip *c* upon the blade *a* after which the parts are carried through a sewing machine by means of which two rows of stitching, *x*, *x* are made the entire length of the stay on opposite sides of the blades, *a*, *b*. These rows of stitching *x*, *x*, crossing the folds *i*, *i* of the strip *d*, not only secure the two strips together and the blades between them, but they also hold these folds in place so as to form permanent trans-

verse pockets for the ends of the blade *b* which confine it in position upon the blade *a* without interfering with the requisite play of one blade upon the other, but without danger of the shorter blade becoming displaced.

Instead of making the side of the casing that covers the strip *d* of a single strip of fabric as above described it may be made of three strips, 5, 6, 7, as illustrated in Fig. 3, the ends of the strip 6 being turned around the ends of the blade *b*, after which the parts are stitched together as before; while in this way, I form pockets for the ends of the blade *b* as in the construction illustrated in Figs. 1 and 2, the necessity of putting together three pieces of fabric is an objectionable feature to this construction. In some cases, the strip may be bent or formed so as to form a pocket only at one end, the fabric being cemented to the blades in the usual way in all cases. A single pocket will in some cases hold the blade *b* in place but it is preferable, in most instances, to provide the two pockets at the opposite ends of the blade.

Without limiting myself to the precise construction and arrangement of parts shown, I claim as my invention—

1. A corset stiffener or stay, consisting of two blades one shorter than the other, and a casing covering both blades, the said casing having pockets at points intermediate of or between its ends, substantially as described.

2. A dress stay having two blades, *a*, *b*, the latter being shorter than the blade *a*, and a casing consisting of two superposed strips *c*, *d*, the strip *d* being folded transversely to form a pocket for the end of the blade *b*, substantially as set forth.

3. The within described improvement in dress stays, the same consisting of two blades, *a*, *b*, one shorter than the other, and two strips *c*, *d*, the strip *d* being folded to form pockets for the ends of the blade *b*, and the strips *c* and *d* connected together by parallel lines of stitching *x*, *x*, substantially as and for the purpose set forth.

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

DE VER H. WARNER.

Witnesses:

F. S. ANDREWS,
HERMINE PEITER.