M. P. BRAY.
CORSET-STAY.

No. 192,894. Patented July 10, 1877.

fig. 1

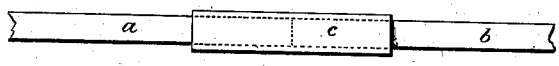


fig. 2

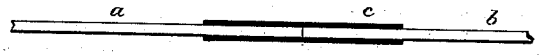
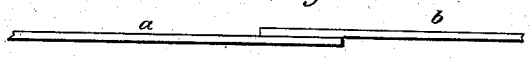


fig. 3



fig. 4



Witnesses.
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Clara Broughton.

Morris P. Bray
By Atty. Inventor.
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UNITED STATES PATENT OFFICE.

MORRIS P. BRAY, OF BIRMINGHAM, ASSIGNOR OF ONE-HALF HIS RIGHT TO MAX ADLER, OF NEW HAVEN, CONNECTICUT.

IMPROVEMENT IN CORSET-STAYS.

Specification forming part of Letters Patent No. **192,894**, dated July 10, 1877; application filed March 30, 1877.

To all whom it may concern:

Be it known that I, MORRIS P. BRAY, of Birmingham, in the county of New Haven and State of Connecticut, have invented a new Improvement in Corset-Stays; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent in—

Figure 1, a face view; Fig. 2, a longitudinal section; Fig. 3, a transverse section; and in Fig. 4, a modification.

This invention relates to an improvement in the manufacture of what are called "dress-bones," or "stays for corsets."

These are now generally made from horn; and it being very difficult to produce them in sufficient lengths for the longer stays, a very great difference is made in the price, the longer stays costing very much more per pound than the shorter.

The object of this invention is to utilize the shorter pieces as a substitute for the long ones, and thereby avoid a large proportion of the excess of cost; and it consists in uniting two or more of the shorter pieces by a firm coupling, which will make such united parts practically one.

The shorter pieces of horn, as *a b*, are best united by butting the ends together, as seen in Fig. 2, but they may be lapped, as in Fig. 4; then a metal sleeve, *c*, is bent around over the joint, and so as to extend onto each part, the sleeve closed hard upon the surfaces of the parts, as seen in Fig. 3, thus securely uniting the parts and making them as one; and, for all practical purposes, the short pieces thus united are equally as good as the longer single pieces, and the cost of thus uniting, added to the cost of the short pieces, insures the production of the long stays at about one-half the usual cost.

In some respects this improved stay is very much better than the longer stays in one piece—as, for instance, if the joint be made at the short bend in the waist, where it comes in practice, it prevents the breaking of the stay at that point, which is the point where the breakage almost invariably occurs.

I claim—

As an article of manufacture, stays for corsets, &c., made from two or more short strips of horn united by a metallic coupling closed over the meeting ends of the strips, substantially as described.

MORRIS P. BRAY.

Witnesses:

THOS. S. BIRDSEY,

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