

J. DAY.
Corset-Spring.

No. 199,417.

Patented Jan. 22, 1878.

Fig. 1.

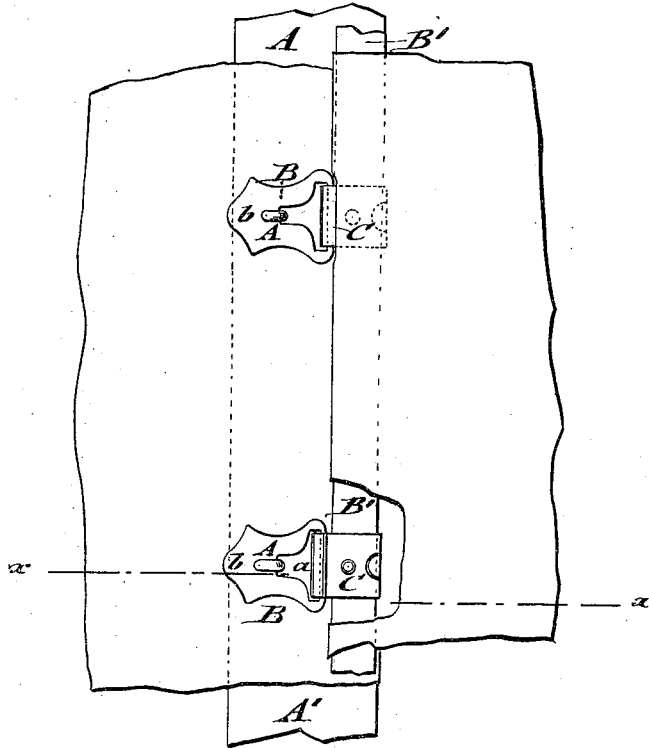
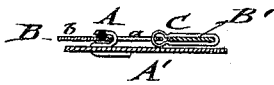


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOSEPH DAY, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN CORSET-SPRINGS.

Specification forming part of Letters Patent No. **199,417**, dated January 22, 1878; application filed October 6, 1877.

To all whom it may concern:

Be it known that I, JOSEPH DAY, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Corset-Spring, of which the following is a specification:

In the accompanying drawings, Figure 1 represents a front view of a corset-spring with my improved clasp; and Fig. 2, a vertical section through spring and clasp on line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to improve the corset spring and clasp for which Letters Patent were granted to me dated February 29, 1876, No. 174,208, so that some of the disadvantages that have been experienced by practical use may be overcome, and a stronger and more durable clasp furnished, that is opened and closed with greater facility and convenience.

The objections to my former corset-clasp were of a twofold nature, and consisted, first, in the opening or tearing out of the wire eyes by use; and, secondly, in the difficulty by which the eyes were opened or closed, as they formed no hold for the fingers.

My improvement obviates these objections; and consists of a broad stay with fixed hooks, and of an overlapping stay with hinged eyes, made of one solid piece or plate of metal, and with an extension projecting beyond the point of the hook, so as to be readily taken hold of for opening or closing.

In the drawings, A represents the fixed hook, which is securely riveted to the lower broader stay A' of the corset.

The overlapping stay B' is applied by hinged eyes B to the fixed hooks of the lower stay.

The eyes B are applied to the stay B' by fastening bands or clamps C, attached in suitable manner to the stays.

The eye B is stamped out of one solid piece or plate of metal, with a recess, *a*, that is wider at the base and narrower at the apex.

The eye-plate B is enlarged back of the recess, the enlarged portion *b* extending beyond the points of the hooks when the eyes are locked thereto, so as to form a convenient hold for the fingers, as well in opening as in closing. This facilitates especially the opening of the corset, as, by pressing the overlapping stay in the direction of the hooks, the eyes may be easily lifted by the finger, so as to clear the hooks and release the upper stay.

As the eye is made of one continuous piece of metal, it is not so liable to tear out as the eyes bent of wire, while the shape of the recess facilitates the connecting or separating of the parts, and secures the steady connection of hooks and eyes.

The improved eye has all the advantages of the old wire eye, but none of the objections mentioned. A reliably-closing corset-spring, that may be closed or opened with great facility when on the body, is thus furnished.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

As an improvement in corset-springs, the combination of the lower broad stay, having fixed hooks, with an overlapping stay having eye-plates hinged to fastening bands or clamps of the stay, said eye-plates being made of one piece of metal, with a recess broad at the base and narrow at the apex, and enlarged back of the recess to extend beyond the points of the hooks, substantially as set forth.

JOSEPH DAY.

Witnesses:

PAUL GOEPEL,
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