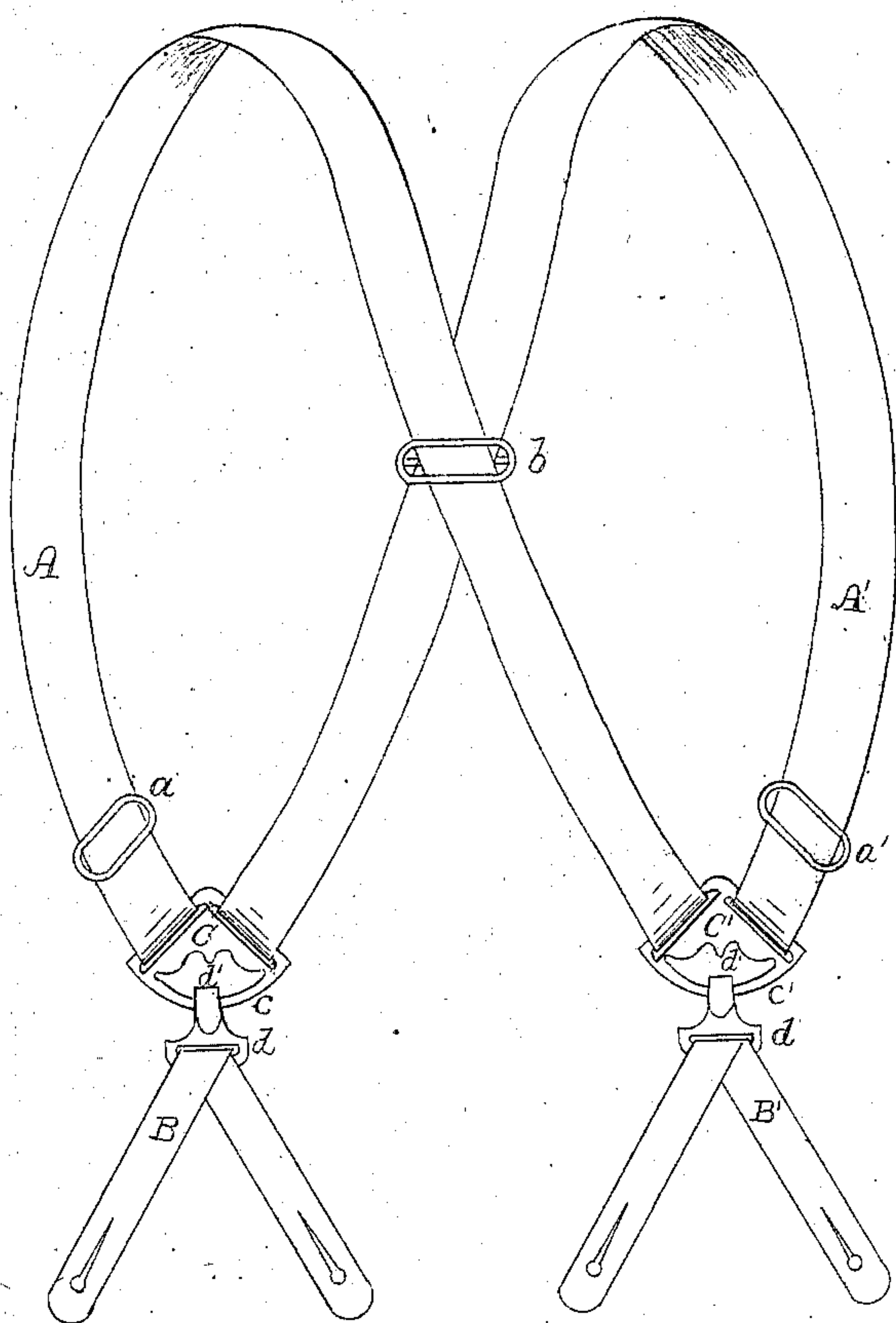


*E. Jennings, Jr.,
Suspender.*

No. 89,772.

Patented May 4, 1869.



*Witnesses.
J. S. Bloomer
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EBENEZER JENNINGS, JR., OF NEW YORK, N. Y.

Letters Patent No. 89,772, dated May 4, 1869.

IMPROVEMENT IN SUSPENDERS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, EBENEZER JENNINGS, Jr., of the city of New York, in the county of New York, and State of New York, have invented a new and useful Improvement in Shoulder-Brace Suspenders; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My improvement relates to a shoulder-brace suspender, of the class described in Letters Patent issued to me, bearing date the 6th day of October, 1868; and

It assists in attaching shoulder-straps together by means of metallic links, each provided with a segmental bar, to which the button-hole straps are attached by a sliding connection, as hereinafter more fully described.

In the accompanying drawings—

A A' are the shoulder-straps;

a a', slides, or buckles, for adjusting their length; and

b, a slide, for adjusting the point of crossing on the back.

C and C' are the metal links, by means of which the ends of the shoulder-straps are connected together.

These links are cut from sheet-metal, substantially in the form shown in the drawing, so that the lower side of each will consist of a segmental bar, c c', to which the button-hole straps B B' are attached.

These button-hole straps each pass through an eye, d, in the base of a hook, d', and these hooks link over the segmental bars c c', and slide freely thereon.

As the limbs and muscles of the body change their

positions in stooping, turning, moving the arms, &c., the hooks will slide on said segmental bars, so as to cause the suspender, or brace to adjust itself to such change in the positions of the limbs and muscles.

Instead of connecting the button-hole straps to the links C C' by means of hooks, as above described, the hooks may be dispensed with, and the button-hole straps looped directly over the segmental bars; but I prefer to use the hooks, not only because they will slide more freely on the bars, but on account of the great convenience they afford for attaching and detaching the shoulder-straps to and from the pants, without buttoning or unbuttoning the button-hole straps.

By means of this improvement, I am enabled to produce not only a more comfortable shoulder-brace suspender than any of similar construction of which I have any knowledge, but also to produce it at a cheaper rate.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination of the shoulder-straps A A', connecting-links C C', and button-hole straps B B', all constructed and arranged to operate substantially as shown and described.

2. Also, in combination with the shoulder-straps, connecting-links, and button-hole straps, constructed as described, the hook d', to connect the button-hole straps with the connecting-links, as shown and described.

E. JENNINGS, JR.

Witnesses:

JOS. L. COOMBS,

J. J. COOMBS.