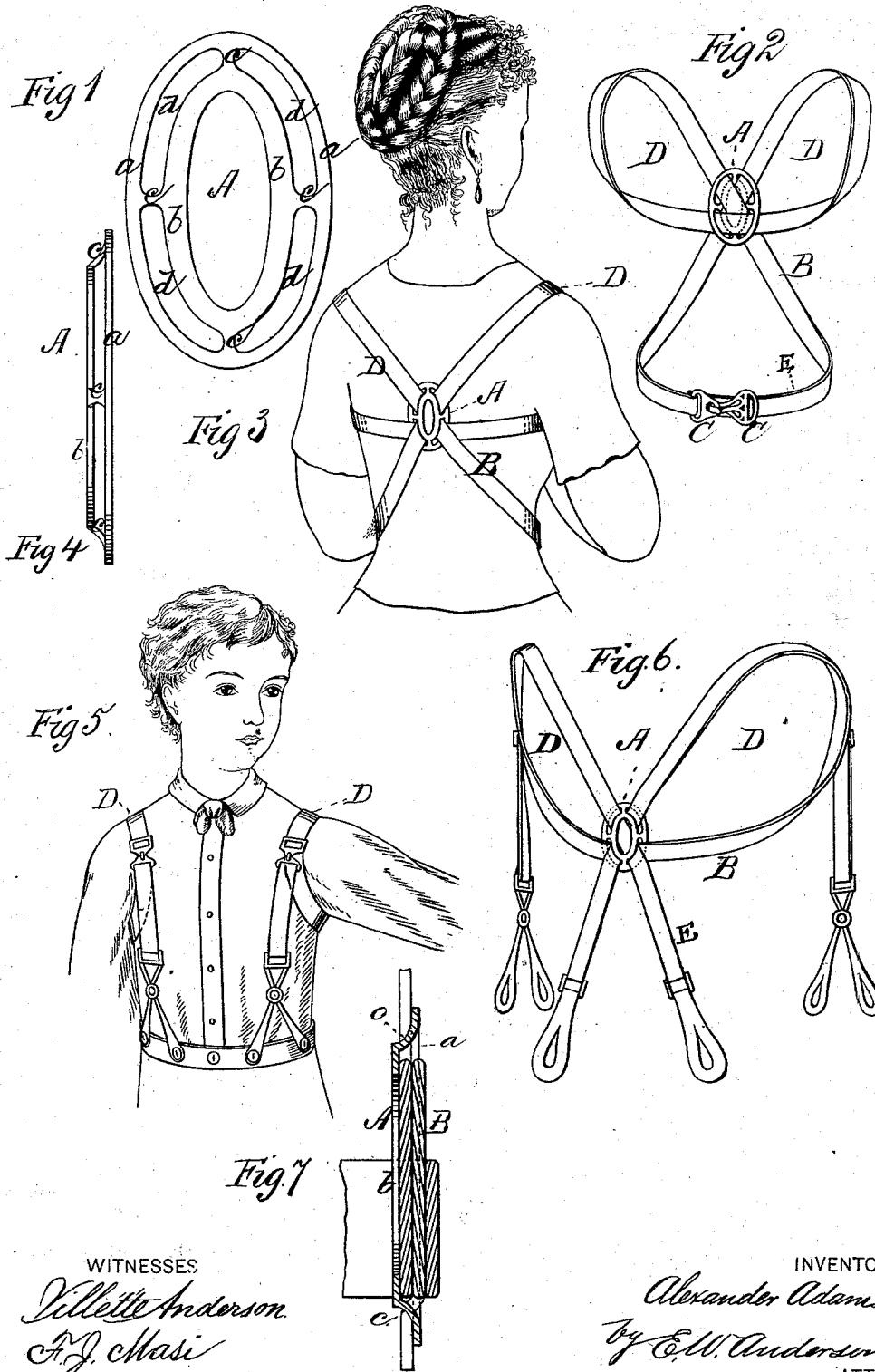


A. ADAMSON.  
Shoulder-Brace.

No. 206,994.

Patented Aug. 13, 1878.



WITNESSES  
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# UNITED STATES PATENT OFFICE.

ALEXANDER ADAMSON, OF WASHINGTON, DISTRICT OF COLUMBIA.

## IMPROVEMENT IN SHOULDER-BRACES.

Specification forming part of Letters Patent No. 206,991, dated August 13, 1878; application filed November 3, 1877.

### *To all whom it may concern:*

Be it known that I, ALEXANDER ADAMSON, of Washington, in the county of Washington and District of Columbia, have invented a new and valuable Improvement in Shoulder-Braces; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a top view of the buckle. Figs. 2 and 6 are perspective views of the brace. Figs. 3 and 5 are, respectively, rear and front views of the brace applied to the person. Fig. 4 is an edge view of the buckle, and Fig. 7 is a longitudinal section of the buckle and brace-strap.

This invention has relation to shoulder-braces, and is designed, chiefly, for use by women, although it will serve as well for men.

It consists, mainly, in the construction and novel arrangement of the quarter-slotted buckle and the brace-band, having end-connecting plates or fastenings, and designed to be looped crosswise through the slots of said buckle arranged at the small of the back, as hereinafter fully shown and described.

In the accompanying drawings, the letter A designates the buckle, usually of elliptical form. This consists of a peripheral flange, *a*, connected with an inner parallel body portion, *b*, or ring, by bent arms *c*, in such a manner that the inner portion, *b*, is raised above the outer portion or flange, *a*. The center of the body portion *b* is open, so that the buckle presents two parallel rings of elliptic or other form, connected by bent arms dividing the intermediate space into quarter-slots *d*.

B represents the brace-band, consisting of a single strip of webbing, having the end buckle plates or fastenings C C. This band is attached to the back buckle, A, by slipping

it across through the two lower slots, so that the buckle is brought to the center, and then forming the shoulder-loops D by passing the ends diagonally downward and across each other through opposite upper and lower slots. The depending ends E of the band are then passed around the waist and fastened together in front.

This arrangement is best suited for women, and the brace may be worn by men in the same manner; or the ends E may be attached to the buttons of the pantaloons; and, if desired, suspender-straps may be attached to the front portions of the shoulder-loops to connect with the pantaloons in front.

This brace is readily adjusted by sliding the band in the slots of the back buckle to suit the form of the person wearing it, whether the shoulders be wide or narrow, fleshy or otherwise, and whether the person be long-waisted or short. The buckle, although without teeth, holds the band securely, and yet it can be readily adjusted by the wearer when in position.

Having described this invention, I claim and desire to secure by Letters Patent—

1. The combination, with the buckle A, having curved slots *d*, of a single band looped for the shoulders and provided with end-fastenings, substantially as specified.

2. A brace consisting of a back buckle and a single band provided with shoulder-loops, and having its ends adapted to pass around the waist and fasten in front, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

ALEXANDER ADAMSON.

Witnesses:

WILLIAM H. RIBLET,  
JAMES D. RIBLET.