

J. E. Kent,

Shoulder-Brace.

N^o 95,235.

Patented Sep. 28. 1869.

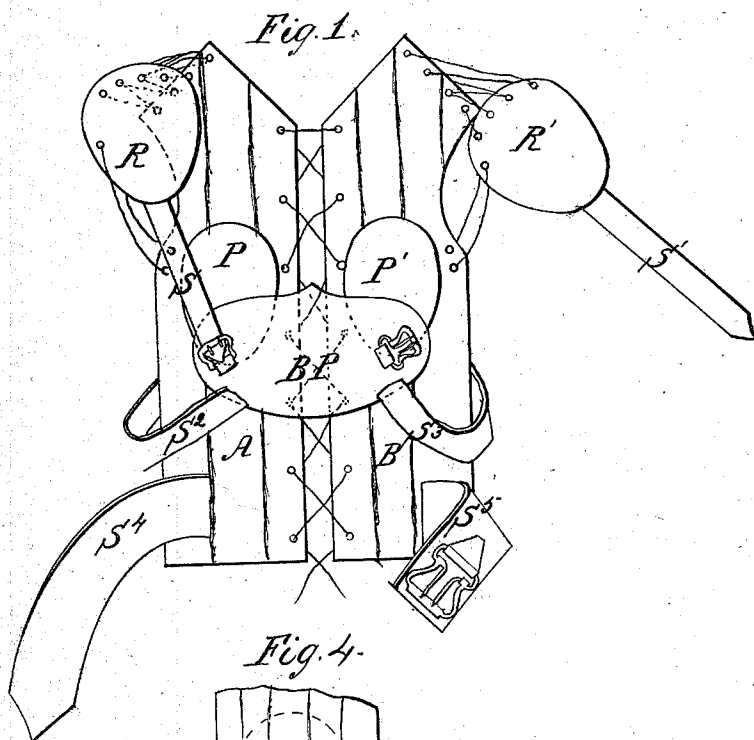
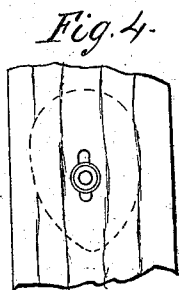


Fig. 2.

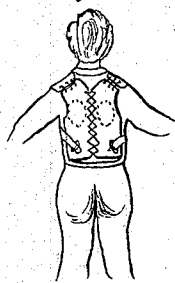


Fig. 3.



Witnesses;
Charles H. Evans
James R. Oakford

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J. E. Kent M. D.

United States Patent Office.

J. EMERSON KENT, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR
TO WEBSTER J. EVERETT, OF SAME PLACE.

Letters Patent No. 95,235, dated September 28, 1869.

IMPROVED SHOULDER-BRACE.

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, J. EMERSON KENT, M. D., of the city of Philadelphia, county of Philadelphia, and State of Pennsylvania, have invented a new and "Improved Shoulder-Brace and Chest-Supporter;" 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 accompanying drawings, and to the letters of reference marked thereon.

The object of my invention is to brace or support the intercostal muscles of the chest, and to press inward upon the lower protruding portion of the scapulae, or shoulder-blades, thus supplying the needed support and pressure to the muscles and structures, whose weakness and protrusion are the sole cause of stooping forward, or round shoulders.

I also do entirely away with the usual attachments used in braces which pass under the arm-pits, and which produce painful discomfort, chafing, and often serious irritation and enlargement of the auxiliary glands.

Figure 1 is a perspective view of my improved shoulder-brace and chest-supporter.

Figure 2 is a back view of same, as applied.

Figure 3 is a front view of same, as applied.

Figure 4 is a detached view, showing how the pads or plates pressing on the scapulae or shoulder-blades can be adjusted if desired.

To enable others skilled in the art to make and use my invention, I will now proceed to describe its construction and operation.

The parts A and B, which form the back of the brace, are made, stiffened, and braced in the usual manner. On the inner side of said parts are placed and secured, by means of stitches or otherwise, two pads or plates, P and P', so arranged as to rest upon the lower or protruding portion of the scapulae or shoulder-blades when the parts A and B are placed in proper position upon the wearer.

Secured to the upper part of the parts A and B by means of laces, are two shoulder-pads, R and R', which have attached to their lower ends straps, S and S'. Said straps pass through buckles attached to the breast-plate B P. This plate is made in any suitable form, and can be constructed of hard rubber, metals, pasteboard, or wood, and covered with a soft material to form a pad.

Fastened at the lower part of the breast-plate B P, are straps, S² and S³, which have their ends secured in buckles placed on the back part of the parts A and B.

Near the lower ends, and on the sides of the parts A and B, are secured straps, S⁴ and S⁵, which form the waist-belt.

It may be found necessary to have the pads P and P' adjustable, in order to have the pressure at the right point. In this case the pads are secured to the parts A and B by means of set-screws passing through oblong slots, as shown in fig. 4.

Having thus described my invention, its construction and operation,

What I claim, and desire to secure by Letters Patent of the United States, is—

The arrangement of the parts A and B, provided with plates or pads P and P', shoulder-pads R and R', straps S and S', breast-plate B P, and straps S², S³, S⁴, and S⁵, for the purpose of supporting the intercostal muscles of the chest, and causing a pressure inward of the lower or protruding portion of the scapulae, substantially as specified.

In testimony whereof, I have hereunto signed my name, in the presence of two subscribing witnesses.

J. EMERSON KENT, M. D.

Witnesses:

ISAAC R. OAKFORD,

CHARLES H. EVANS.