

No. 663,825.

Patented Dec. 11, 1900.

L. E. WILSON.
SHOULDER BRACE AND ANTISNORING ATTACHMENT.

(Application filed Mar. 13, 1900.)

(No Model.)

Fig. 1.

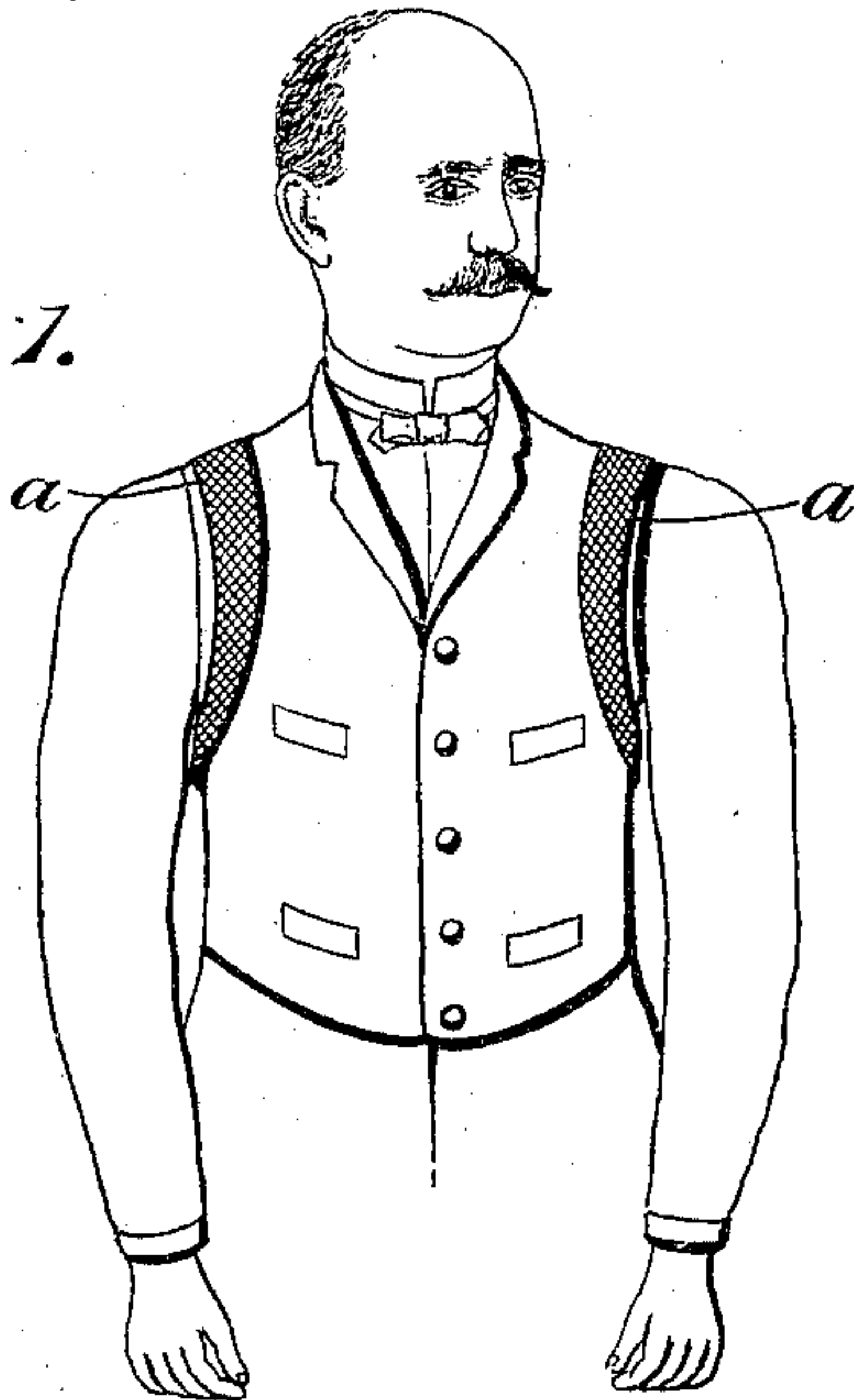


Fig. 2.

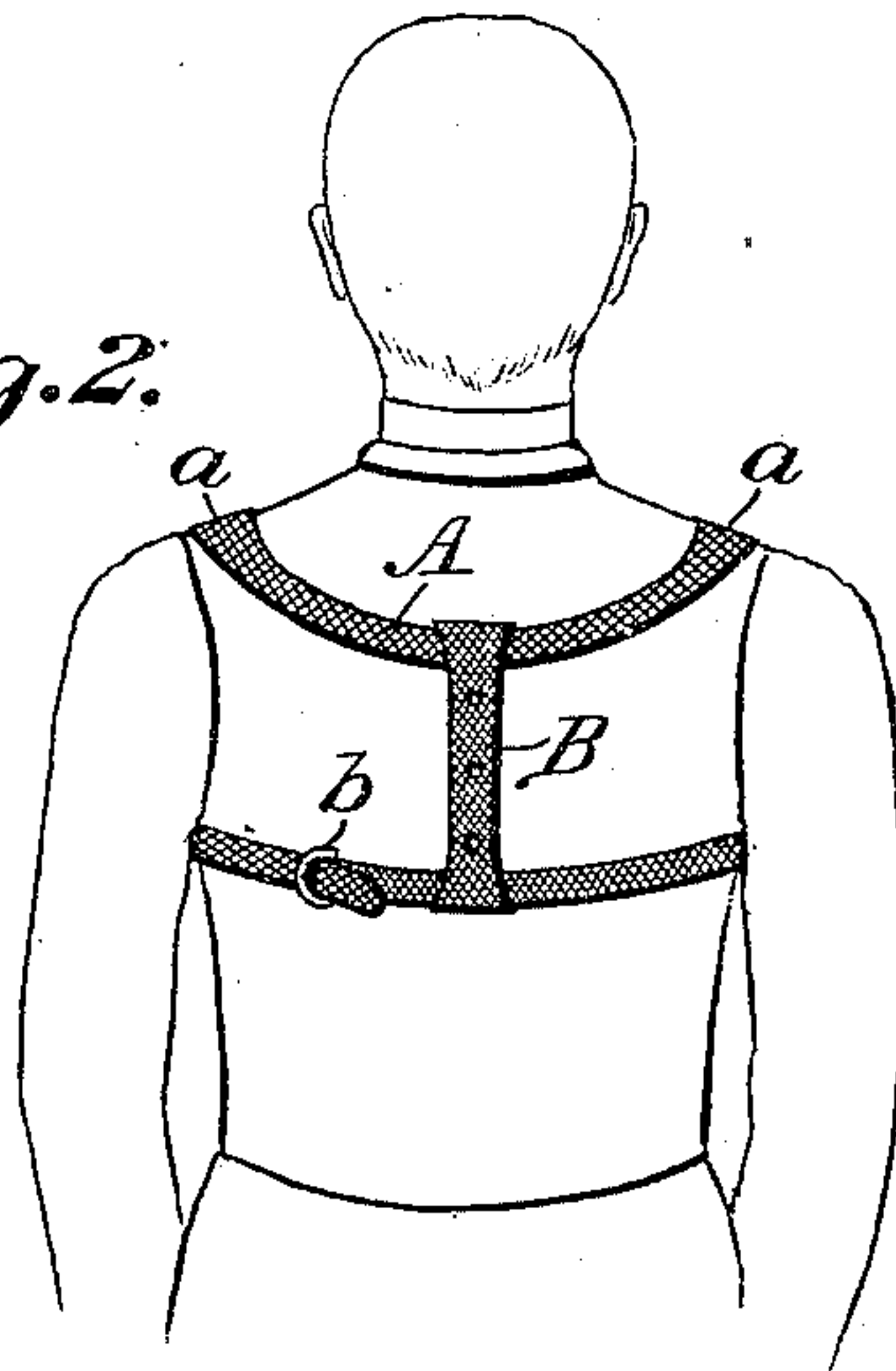


Fig. 3.

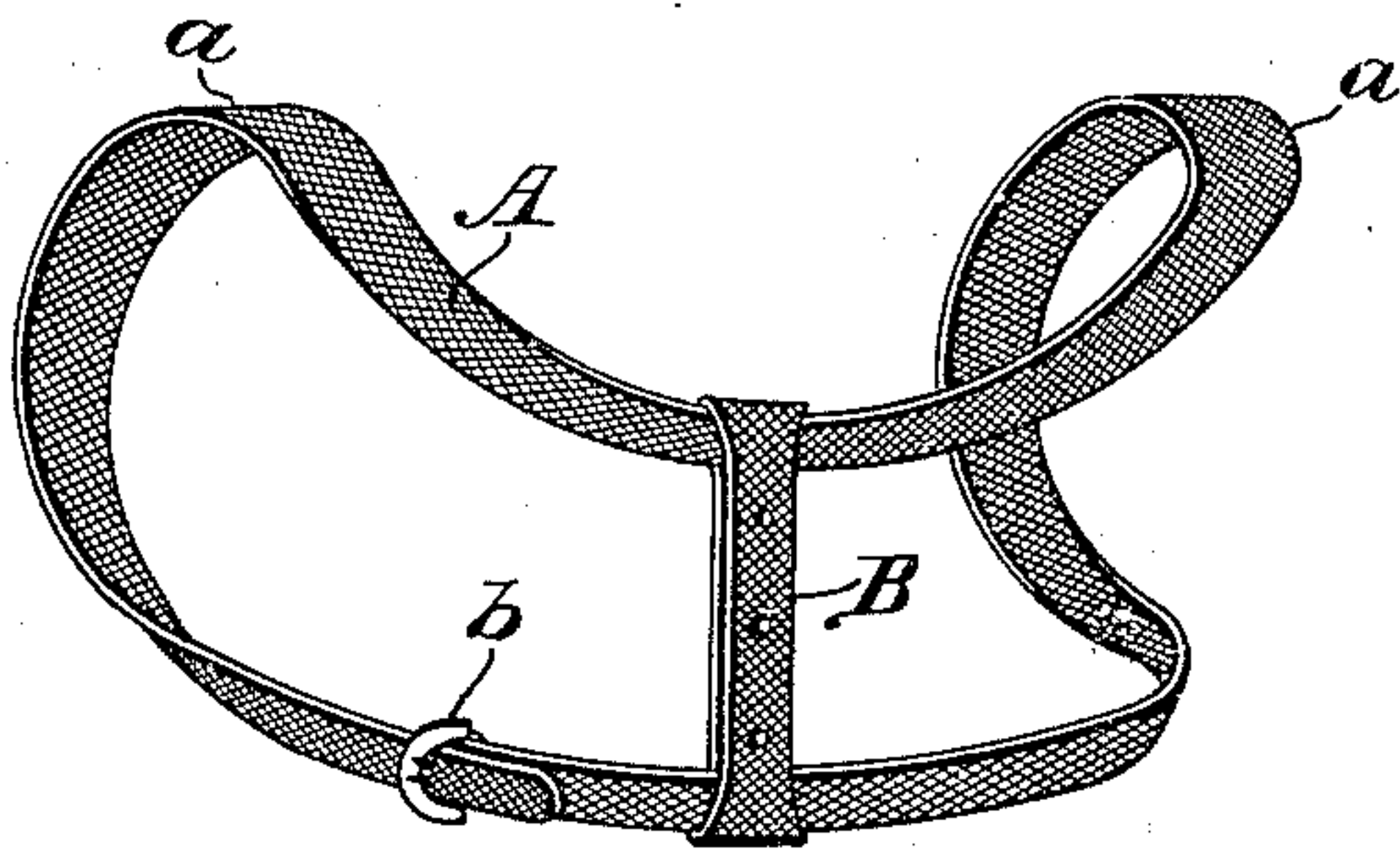
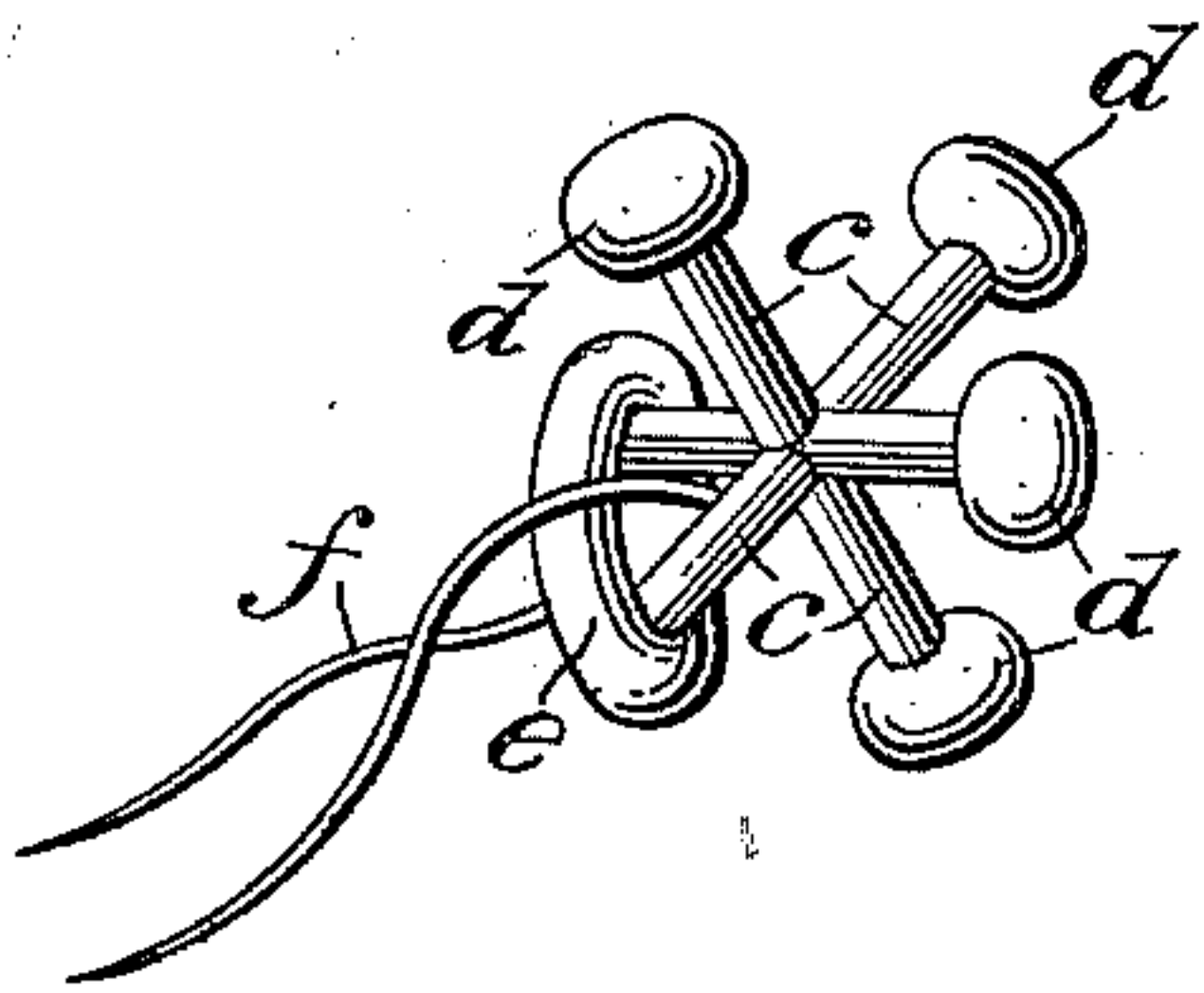


Fig. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

LEONIDAS E. WILSON, OF BROKEN BOW, NEBRASKA.

SHOULDER-BRACE AND ANTISNORING ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 663,825, dated December 11, 1900.

Application filed March 13, 1900. Serial No. 8,531. (No model.)

To all whom it may concern:

Be it known that I, LEONIDAS E. WILSON, a citizen of the United States of America, residing at Broken Bow, in the county of Custer and State of Nebraska, have invented certain new and useful Improvements in Shoulder-Braces and Antisnoring Attachments, of which the following is a specification.

My invention relates to an improvement in shoulder-braces and means for preventing the wearer from snoring; and it consists in a continuous adjustable piece of material widened at the bearings where pressure is applied and woven of ventilated or plain material, which can be readily laundered, and means to be attached to said brace for prodding the wearer in the event of lying upon the back.

The invention further consists in certain novel features of construction and combination of parts, which will be hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view from the front, showing the brace in position. Fig. 2 is a view from the rear. Fig. 3 is a detached view of the brace, and Fig. 4 is a view of the prodding device.

A represents a continuous strip of material, preferably ventilated and of course woven, but having sufficient strength for the purpose. It comprises in the main a single strip or strap widened where it bears or pulls upon the wearer's shoulders, as at *a a*, and at one end it has a buckle *b*, by which it is adjusted and tightened upon the wearer. A connecting-strap B extends across from the upper to the lower cross-piece vertically in the center of the back, so that the upper and lower portions of the brace are held at a suitable distance apart without being drawn tight together, thus preventing the disagreeable binding across the shoulders so common in articles of this character. To tighten or loosen the brace, it is merely necessary to draw the end of the strip or strap through the buckle, as indicated, and to loosen it the opposite takes place. The strap is so light and thin and of such shape that it conforms closely to the figure and is not visible through the clothing or uncomfortable and disagreeable to the wearer.

The prodding device shown in Fig. 4 is a casting of metal having several, preferably four, projections *c*, extending therefrom in various directions, with knobs or balls *d* on

their ends to prevent them from injuring anything they come into contact with, and at one point a loop *e* is formed to receive a tape *f*, whereby it is attached to the shoulder-brace and preferably the cross-strap thereof. This prodding device is intended, of course, to be worn during sleeping-hours and is calculated to remind the sleeper in case he lies upon his back by the projections prodding him. The prodding device could also be worn with the brace at all times and would serve to remind the wearer to straighten up in case of a tendency to lean forward, thus preventing too great dependence upon the brace itself for support, which is considered undesirable.

It is evident that slight changes might be resorted to in the form and arrangement of the several parts described without departing from the spirit and scope of my invention, and hence I do not wish to limit myself to the exact construction herein set forth; but,

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

1. A shoulder-brace consisting of a single continuous strap, buckled or adjustably secured together at the ends, and a cross-strap connected with the upper and lower portion of the main brace which holds them a suitable distance apart, of a prodding device secured at the back in position to prod the wearer, said prodding device having a series of projections and provided with an opening whereby to receive a means of attaching it to the shoulder-brace.

2. A shoulder-brace consisting in a single continuous strap, buckled or adjustably secured together at the ends, and being widened at the bearing where it draws back upon the shoulders, and a cross-strap connected with the upper and lower portion of the main brace, which holds them a suitable distance apart, of a prodding device secured at the back in position to prod the wearer, said prodding device having a series of projections and a loop or opening whereby to receive a means of attaching it to the shoulder-brace.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LEONIDAS E. WILSON.

In presence of—

L. E. THORNE,
ALPHA MORGAN.