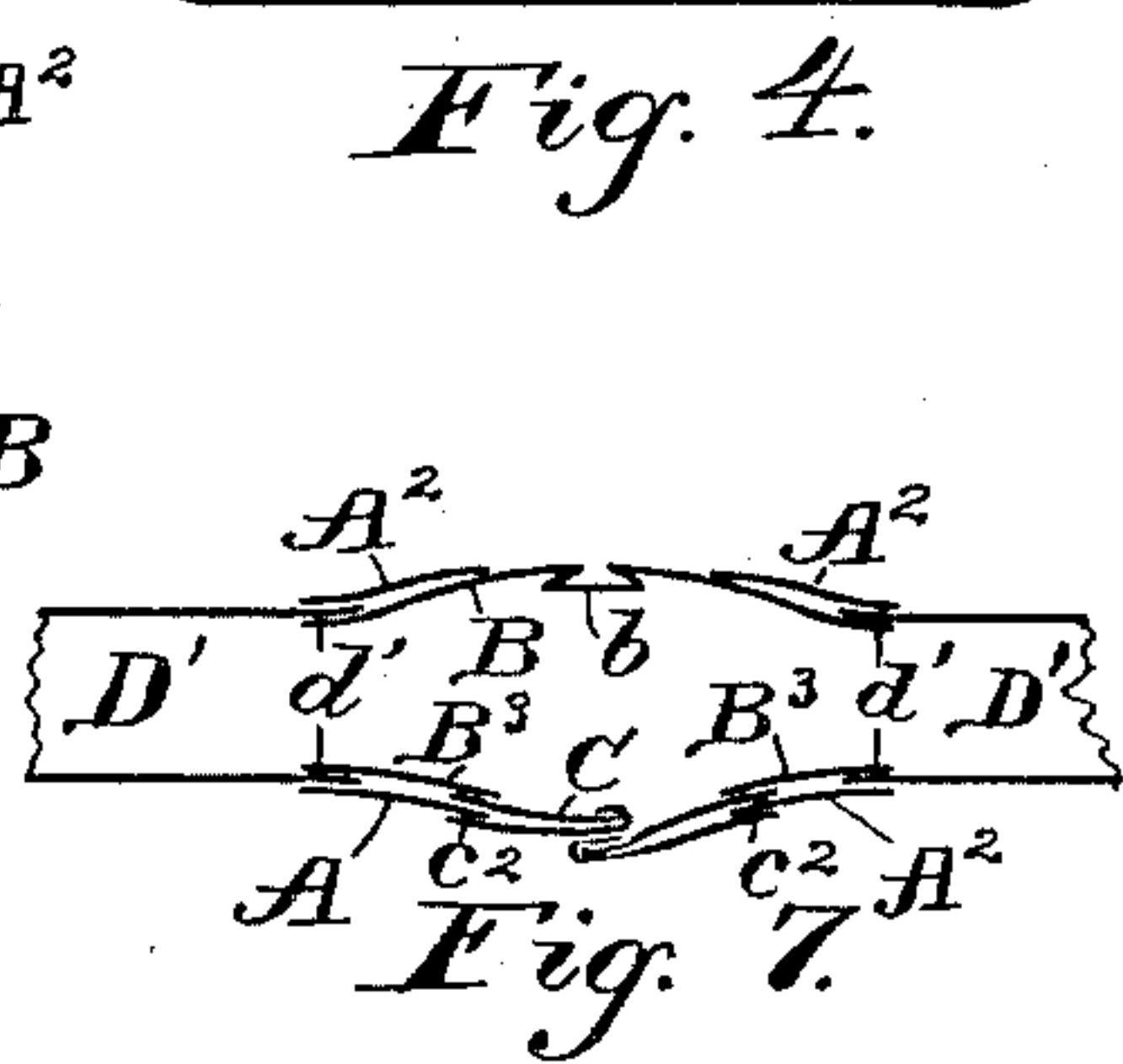
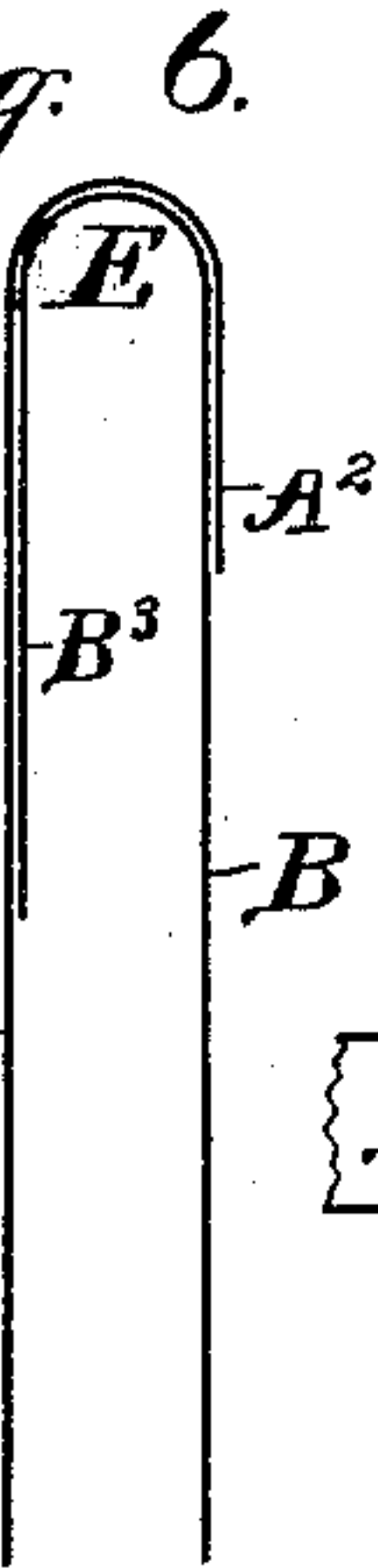
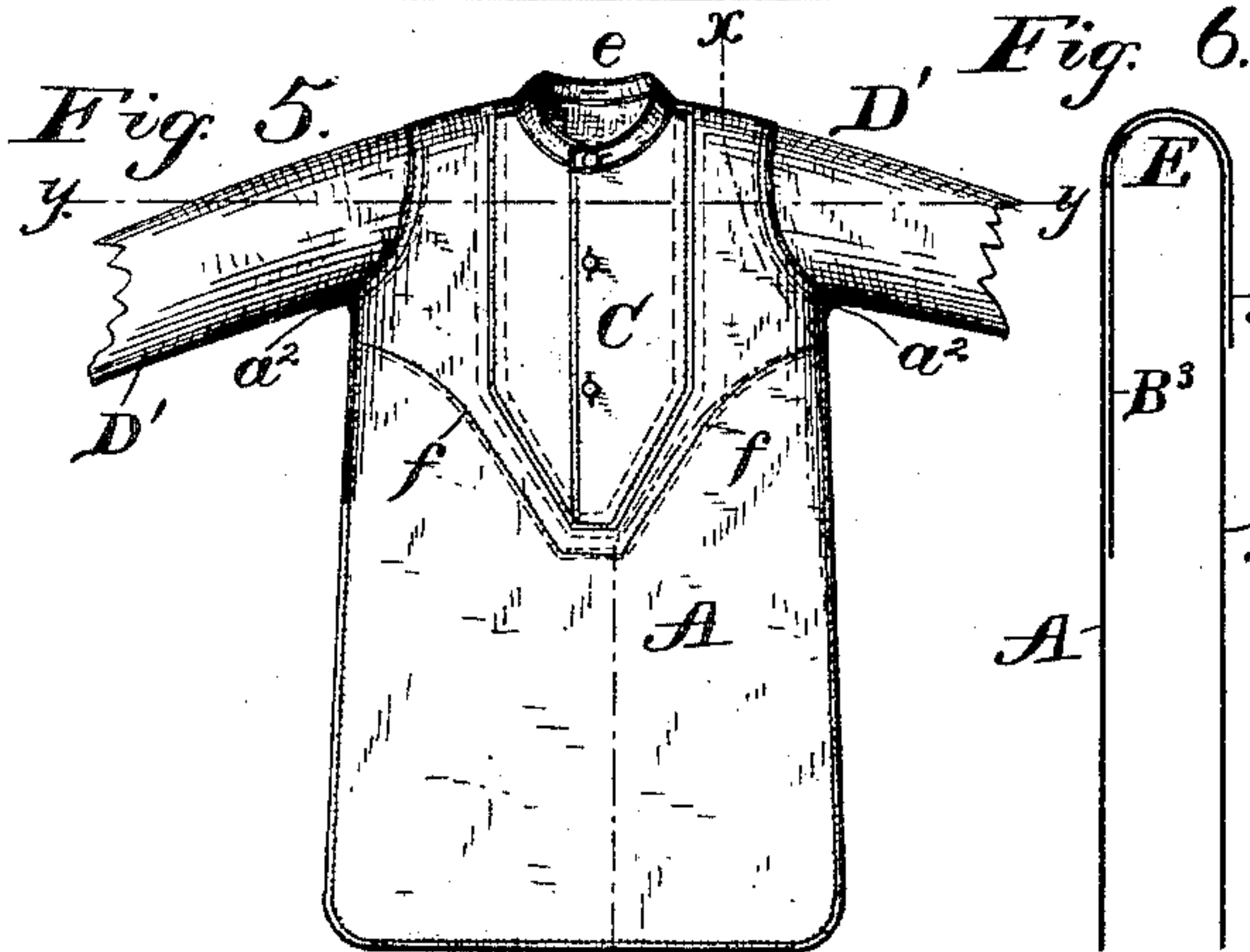
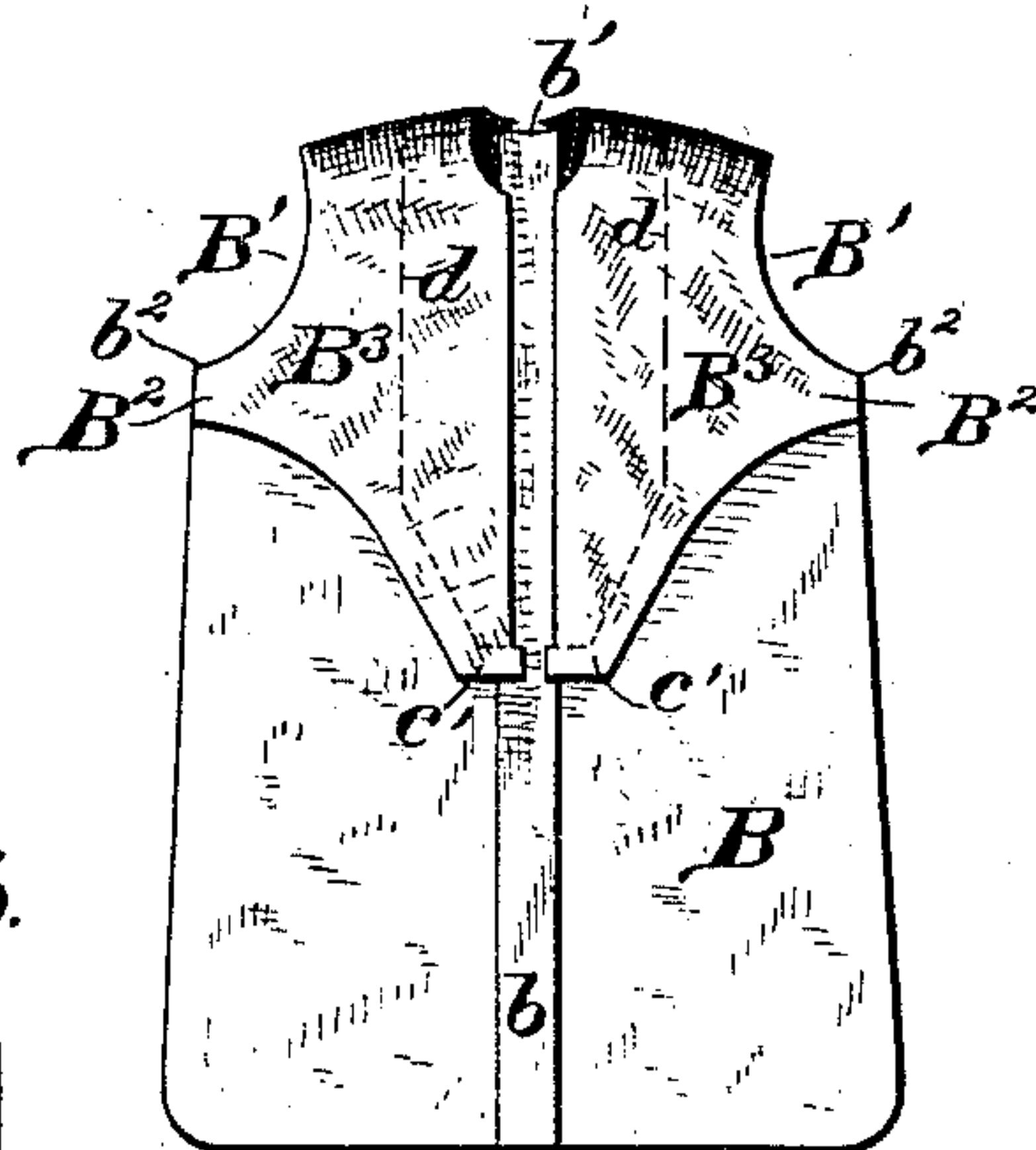
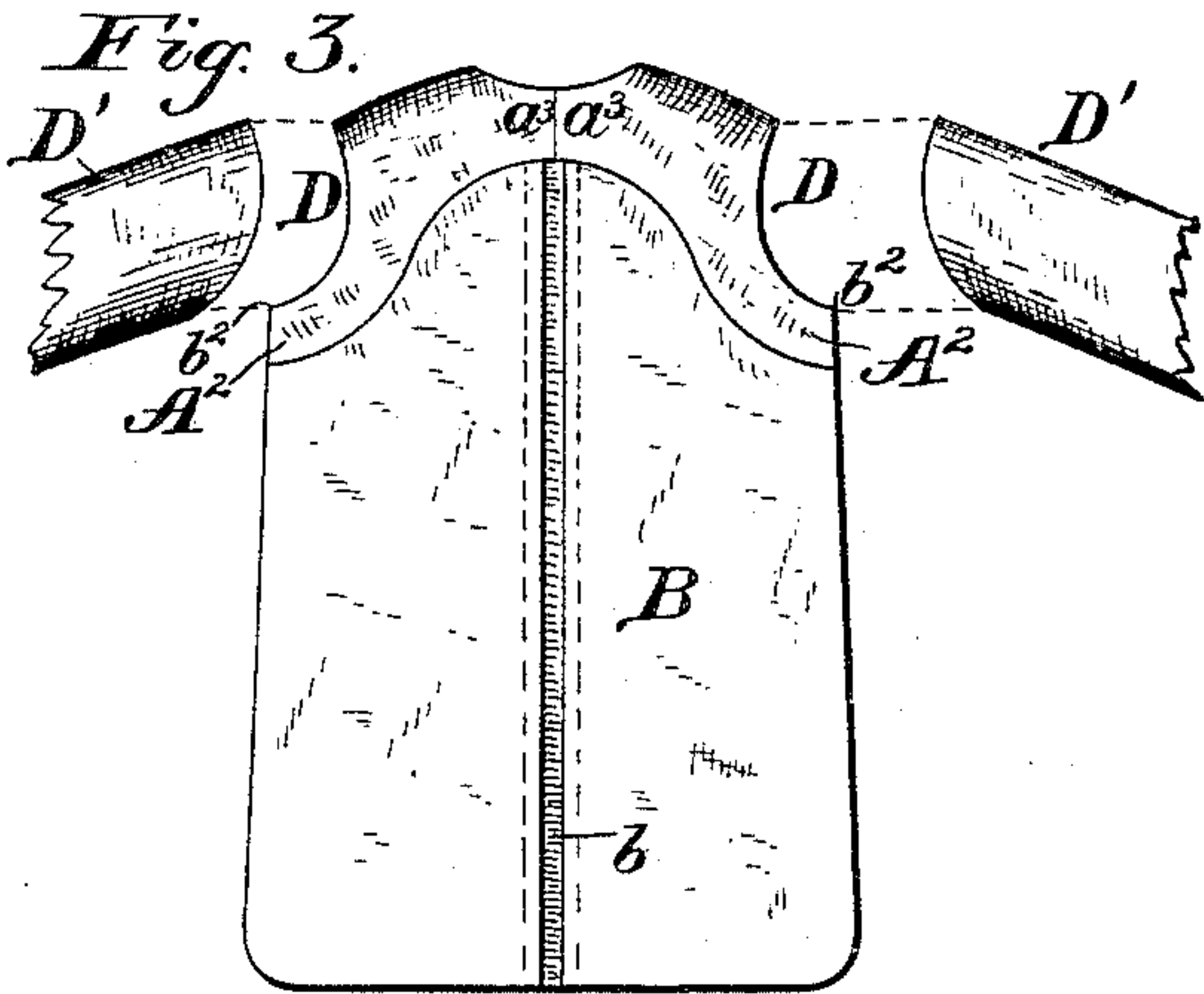
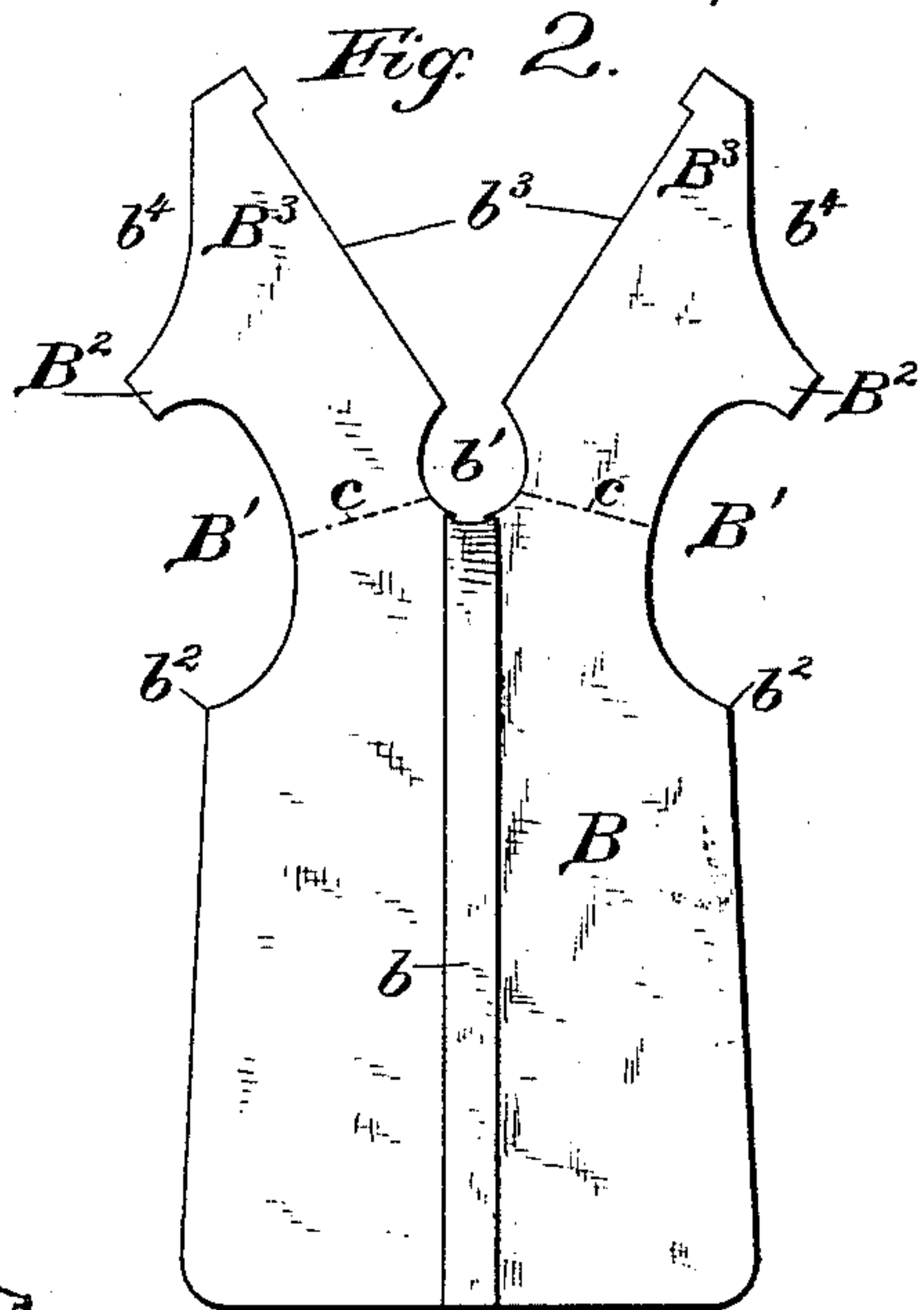
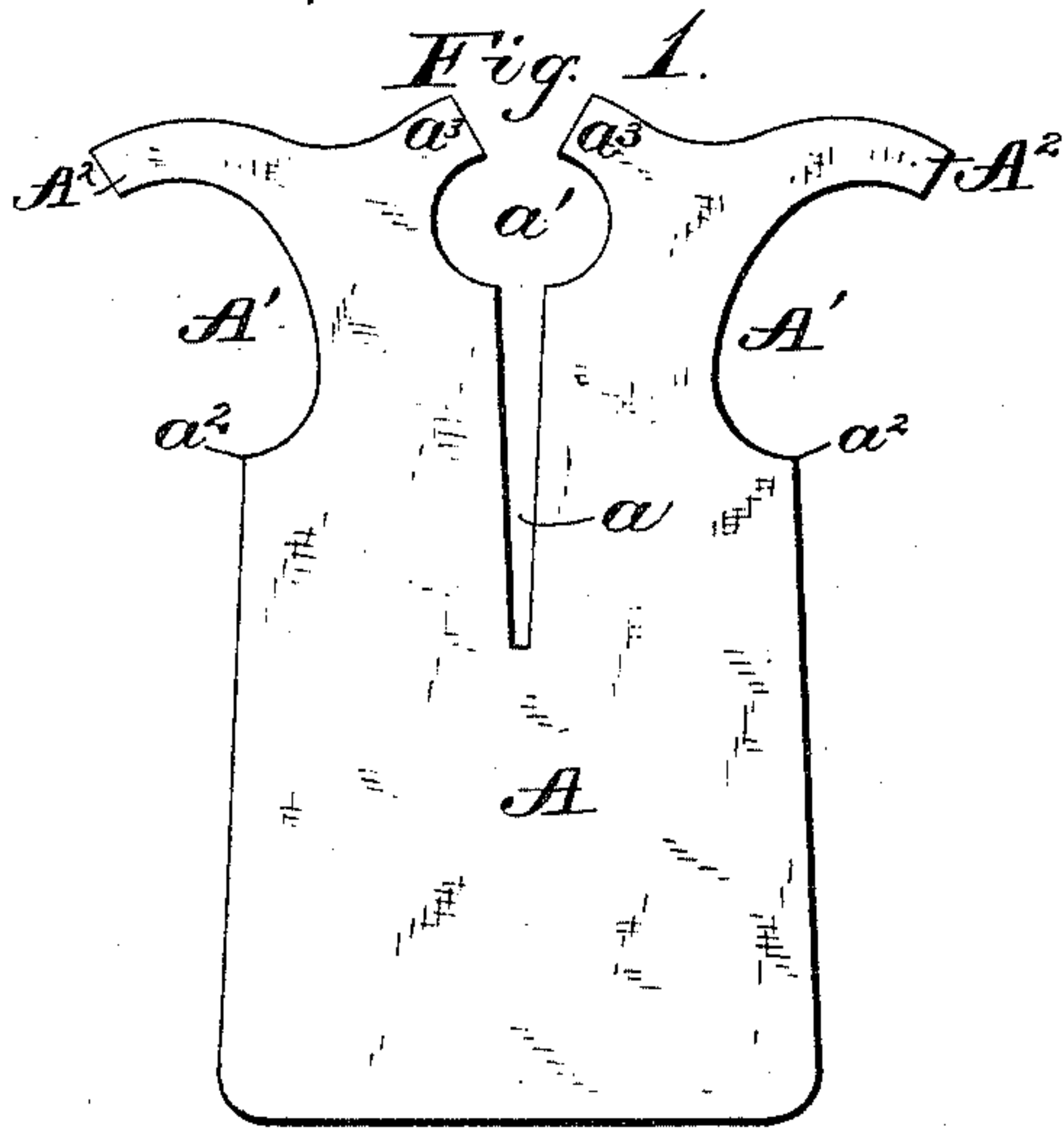


(No Model.)

J. B. JOHNSON.
SHIRT.

No. 477,124.

Patented June 14, 1892.



Witnesses; x

Rory C. Bowen.
J. L. Wilson.

Inventor;

J. B. Johnson
By *Whitman & Wilkinson*
Attorneys.

UNITED STATES PATENT OFFICE.

JAMES B. JOHNSON, OF MEMPHIS, TENNESSEE.

SHIRT.

SPECIFICATION forming part of Letters Patent No. 477,124, dated June 14, 1892.

Application filed December 21, 1891. Serial No. 415,756. (No model.)

To all whom it may concern:

Be it known that I, JAMES B. JOHNSON, a citizen of the United States, residing at Memphis, in the county of Shelby and State of Tennessee, have invented certain new and useful Improvements in Shirts; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in shirts, and has for its object to provide a garment of this class which will be very durable, perfect fitting, and composed of very few pieces, and therefore easily put together.

The invention consists in the construction, combination, and arrangement of parts illustrated in the accompanying drawings, and which will be fully described hereinafter, the points of novelty being particularly pointed out in the claims.

Reference is had to the accompanying drawings, wherein the same parts are indicated by the same letters.

Figure 1 represents a plan view of the front piece of the shirt. Fig. 2 represents a similar view of the back piece of the shirt. Fig. 3 represents a rear view of the shirt before sewing, showing the reinforcements folded over upon the back. Fig. 4 represents a plan view of the inside of the back with the reinforcement folded over in position to receive the bosom. Fig. 5 represents a front view of the finished shirt. Fig. 6 represents in diagram a sectional view on the line xx of Fig. 5, showing the parts slightly separated. Fig. 7 is a similar view on the line yy of Fig. 5.

Referring now more particularly to Fig. 1, A designates the front of a shirt designed to open in front, for which purpose the opening a is cut, opening at its upper end into the neck a' .

At each side the upper portion of the front A is cut out, as at A' , forming the angles a^2 and the curved lateral extensions or reinforcements $A^2 A^2$. Above the neck a' are cut two pieces $a^3 a^3$, which form the yoke, as will be hereinafter described.

In Fig. 2 of the drawings is shown the back of the shirt, (designated by the letter B,) and which is cut out at its sides, as at $B' B'$, to form the angles $b^2 b^2$ and extensions $B^2 B^2$,

which correspond, respectively, with the cuts $A' A'$, angles $a^2 a^2$, and extensions $A^2 A^2$ of the front. A plait b is formed in the middle of the back extending from the neck b' downwardly. From the neck b' the material is cut upwardly and outwardly at an angle of about sixty degrees from the horizontal, as at $b^3 b^3$, and from the extensions $B^2 B^2$ curved upward cuts $b^4 b^4$ are made, which, with the cuts $b^3 b^3$, form the extensions $B^3 B^3$, which form the reinforcements for the bosom, as will be hereinafter explained. The upper portion of the back is folded over about on the dotted lines $c c$, which brings the extensions $B^2 B^2$ down upon the angles $b^2 b^2$ and the extensions $B^3 B^3$ down in front of the back, as shown in Fig. 4, to form bias reinforcements for the bosom. These extensions may be cut away at the dotted lines $d d$, if the maker prefers to do so, and the bosom C inserted in the openings thus made, leaving the ends $c' c'$ for a narrow reinforcement round the lower part of the bosom. This will be found sufficient for general purposes. The front A of the shirt is placed upon the back, with its angles $a^2 a^2$ upon the extensions $B^2 B^2$ of the back, and the extensions $A^2 A^2$ are folded over upon the back, bringing their ends upon the angles $b^2 b^2$ of the back, thus forming reinforcements around the armholes D, (formed by the cuts $A' A'$ and $B' B'$), and the pieces $a^3 a^3$ meet at the back of the neck to form the yoke, all as shown in Fig. 3.

From the foregoing it will be understood that the extensions of the back are folded over beneath the bosom to reinforce that point, and the front of the armholes and the extensions of the front are folded over upon the back to reinforce the back of the armholes and the yoke. From an inspection of Fig. 6 it will be observed that this construction forms a double seamless shoulder E, giving an excellent shape to the shirt and great strength to the shoulders, yoke, armholes, and bosom. The sleeves $D' D'$ are inserted between the body of the shirt and the reinforcements, as shown in Fig. 7 at $d' d'$, and the bosom may also be inserted in the same manner, as shown at $c^2 c^2$.

In the finished shirt the collar-band e is put on over the double edges of the yoke and stitched around, as usual, the bosom and

sleeves are stitched in so as to secure the edges of the reinforcements, and the lower edge of the bosom-reinforcement is stitched down, as shown at *f* in Fig. 5.

5 In applying this improvement to shirts that open in the back, it is only necessary to cut the opening as in any other open-back shirt, the yoke not being sewed together but simply secured to the facing, as in ordinary practice.

10 It will be seen that a shirt made in the manner hereinbefore described will be in less pieces than when made in the usual manner, and hence will require less sewing to put together, and consequently be much easier to
15 manufacture, and at the same time will produce a garment of superior character, the shoulders being seamless yet perfect fitting, with a natural slope, and the manner in which the sleeve is inserted gives perfectness of
20 finish never before attained. The unique reinforcements will enable the manufacturer to produce a durable and beautiful garment from the finest fabrics without being bulky or clumsy, which will recommend it to the
25 better class of trade.

It will be understood that I do not wish to limit myself to the precise details of construction herein described and shown, as many modifications thereof could be made without
30 departing from the spirit of my invention.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. The combination, in a shirt having a

neck-opening and a slit or opening extending 35
from the said neck-opening downward, of a back having extensions integral therewith and turned over the shoulders extending down inside of the front, round the armholes, and beneath the bosom to reinforce these points, 40
and a front having extensions integral therewith and turned over the shoulders outside of the extensions from the back, extending down round the back of the armholes and back of the neck-opening to reinforce these points 45
and form the yoke, substantially as described.

2. The combination, in a shirt having a neck-opening and a slit or opening extending from the said neck-opening downward, of a back having extensions integral therewith and 50
turned over the shoulders extending down inside of the front, round the armholes, and beneath the bosom to reinforce these points, a front having extensions integral therewith and turned over the shoulders outside of the 55
extensions from the back, extending down round the back of the armholes and back of the neck-opening to reinforce these points and form the yoke, and the sleeves inserted between the extensions from the front and 60
back, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES B. JOHNSON.

Witnesses:

LEON B. LOWENSTEIN,
A. LICHTENSTEIN.