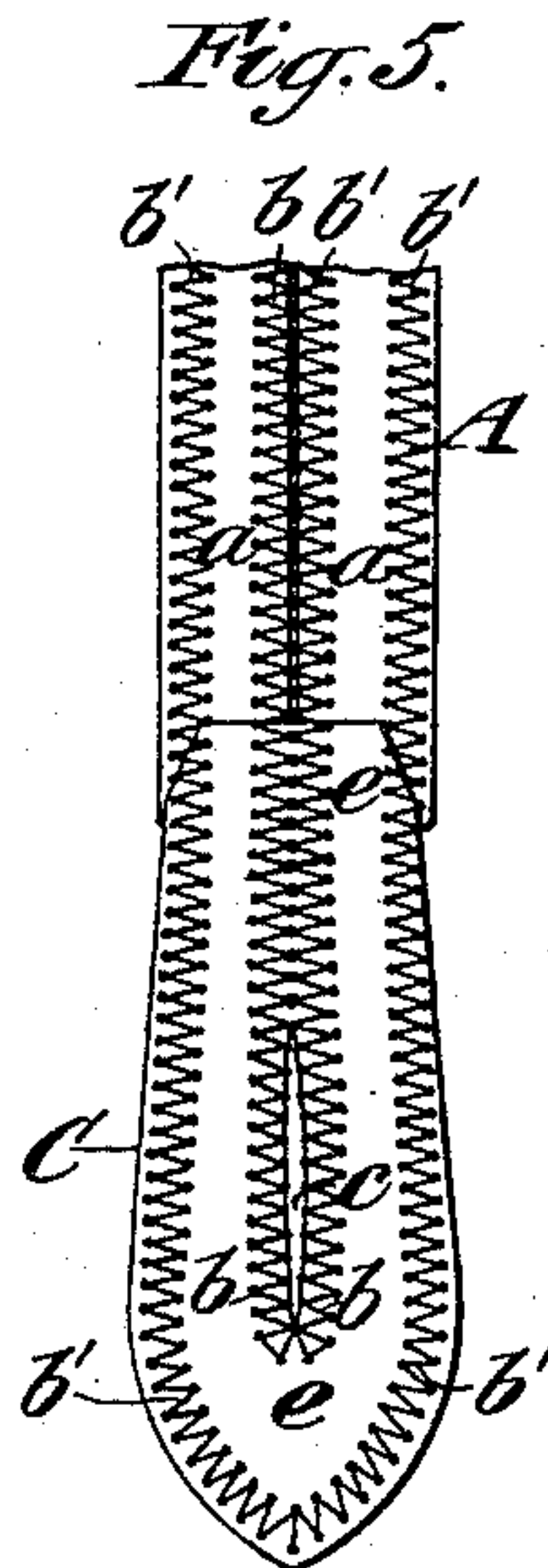
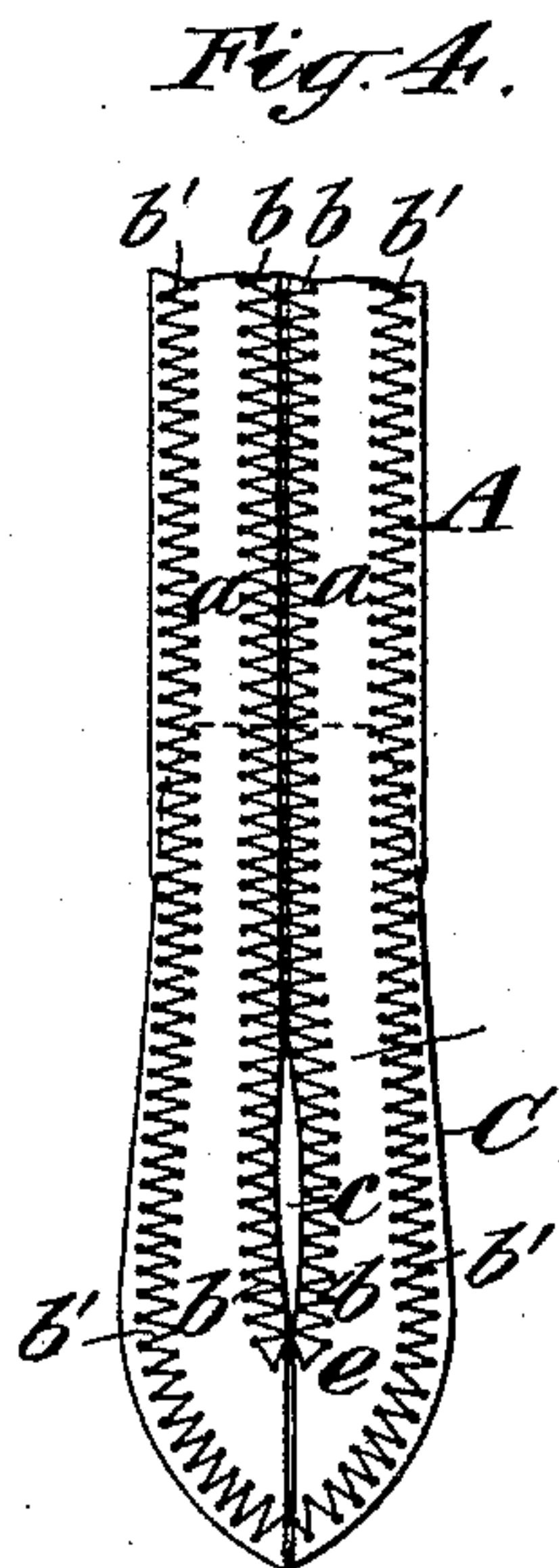
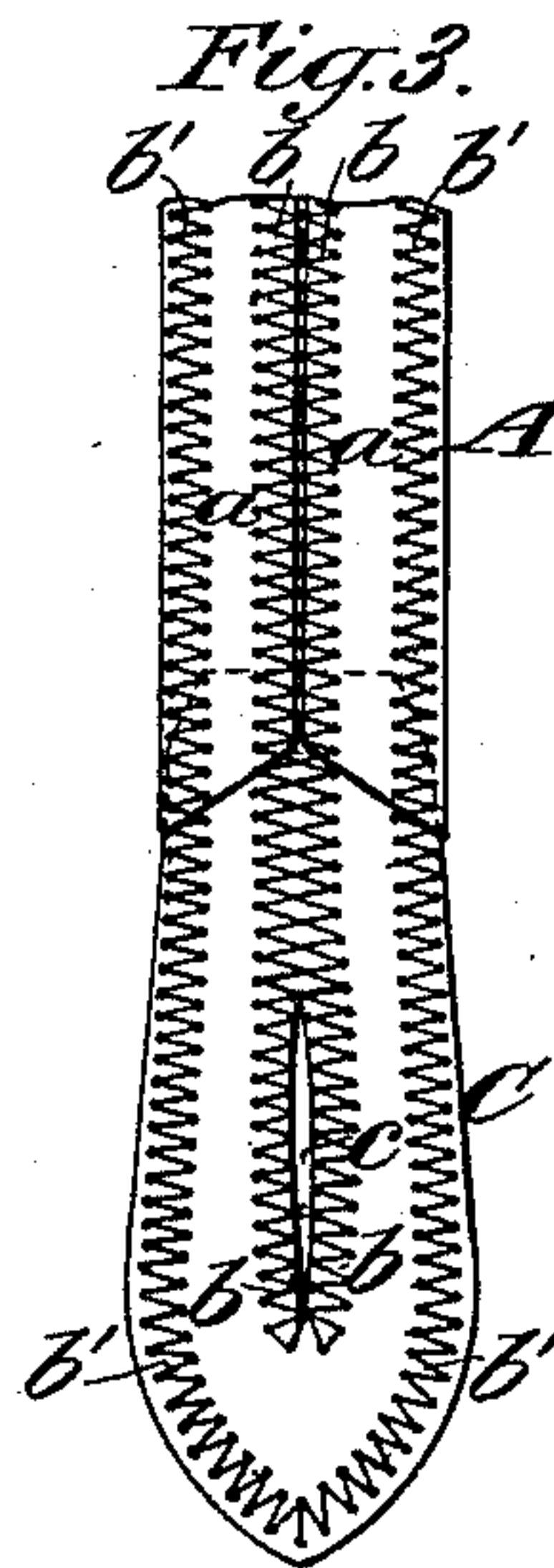
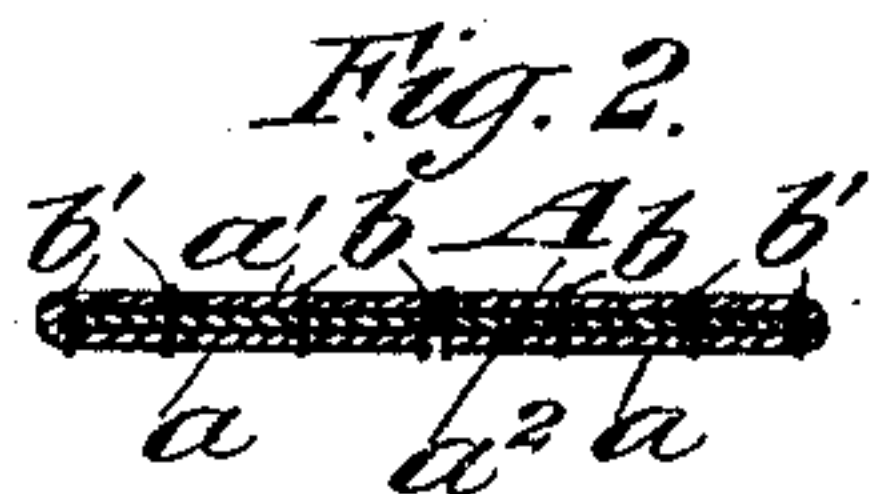
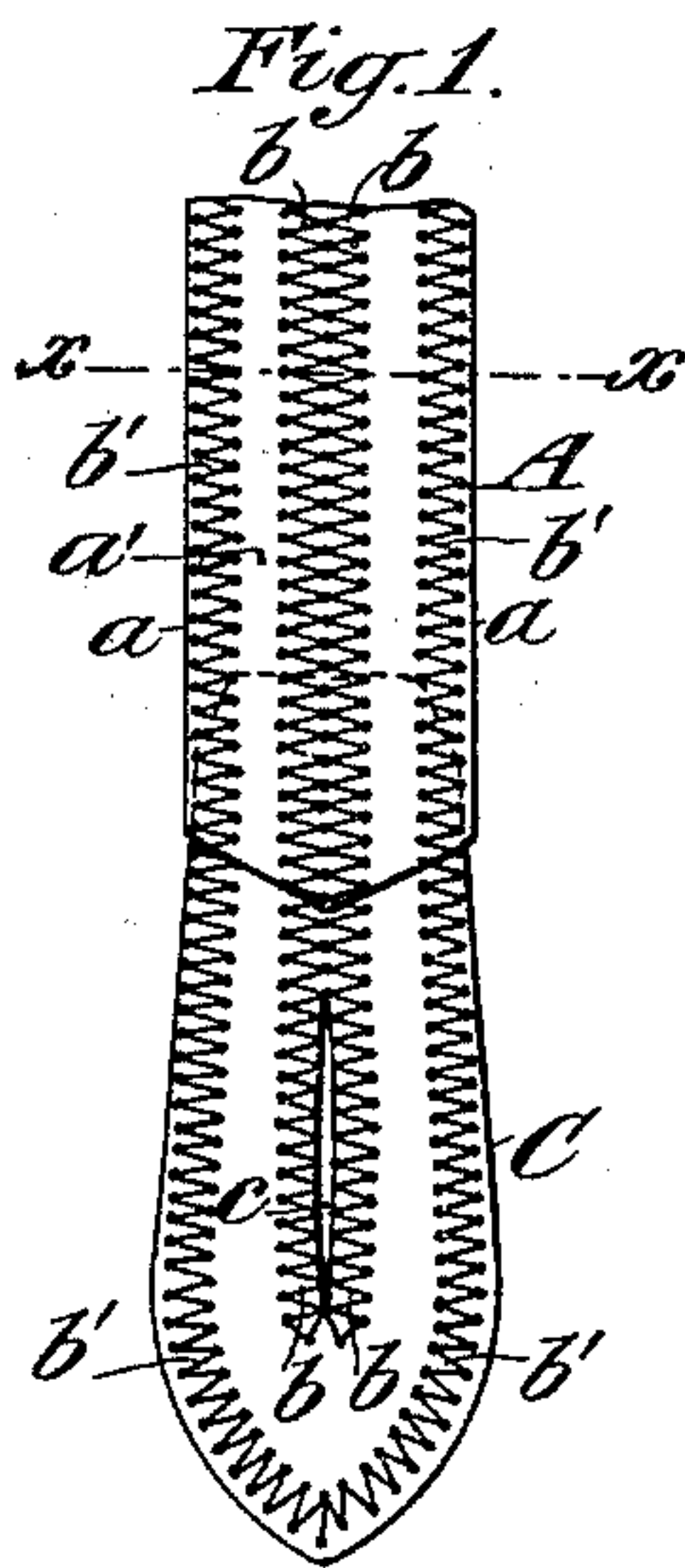


(No Model.)

E. B. STIMPSON.
SUSPENDER END.

No. 409,338.

Patented Aug. 20, 1889.



Witnesses:

Ed Sundgren
L. H. Bicker

Inventor:

Edwin B. Stimpson
by his Attorneys
Brown & Griswold

UNITED STATES PATENT OFFICE.

EDWIN B. STIMPSON, OF BROOKLYN, NEW YORK.

SUSPENDER-END.

SPECIFICATION forming part of Letters Patent No. 409,338, dated August 20, 1889.

Application filed October 25, 1888. Serial No. 289,115. (No model.)

To all whom it may concern:

Be it known that I, EDWIN B. STIMPSON, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful
5 Improvement in Straps, of which the following is a specification, reference being had to the accompanying drawings.

My improvement relates to straps employed in suspenders and similar articles.

10 I will describe a strap embodying my improvement in detail, and then point out the novel features in claims.

In the accompanying drawings, Figure 1 is a face view of a portion of a strap embodying my improvement. Fig. 2 is a transverse
15 section, on an enlarged scale, taken on the dotted line $x x$, Fig. 1. Fig. 3 is a rear view of the same. Fig. 4 is a view similar to Fig. 3, showing a slight modification. Fig. 5 is a
20 rear view showing another modification.

Similar letters of reference designate corresponding parts in all the figures.

A designates the main or body portion of the strap in the example of my improvement
25 shown. The strap comprises two folds a , the edges of which meet at about midway in the width of the strap. Between the folds a is a second portion a' . I prefer to employ a lining-piece a^2 , arranged between the folds a
30 and the intermediate portion a' and inclosed by them. The folds a and the intermediate portion a' are secured together by two longitudinally-extending rows of stitching b .
35 These rows of stitching are arranged close together and at the meeting edges of the folds in such manner that each row of stitching secures one of the edges of the folds. These rows of stitches are therefore about
40 midway in the width of the strap. As shown, these rows b are composed of zigzag stitches. I have shown similar rows of stitches b' near the edges of the strap.

C designates a tab, which may be made of leather or similar material. This tab has
45 formed in it a button-hole c . As shown, it has curved edges near its lower extremity. It is secured to the main body of the strap by having its upper portion passed for a distance between the portions $a a'$ of the strap before
50 the same are sewed together. The rows of stitches b secure the upper end portion of

the tab between the portions $a a'$. These rows of stitches are then extended along the tab C, about midway in the width thereof, and substantially in the same relations to each
55 other as before, to near the outer end of the tab. By cutting through the material of the tab between the rows of stitches b thereon a suitably-worked button-hole is formed. It will therefore be seen that the rows of stitches
60 which secure the portions $a a'$ of the strap also secure the tab to the strap and form the stitching about the side edges of the button-hole in the tab. The rows of stitches b' may be extended along the edges of the tab C, if
65 desired, so as to further secure the tab to the main body of the strap.

In Fig. 4 I have shown that the portions a of the main body of the strap or the lining a^2 may be continued beyond the end of the strap
70 adjacent to the tab and over the rear face of the tab, to which they may be secured to form a strengthening-piece e . I have shown them as secured by means of the stitches b' near the edges of the tab, and also by the stitches
75 b about the button-hole, which latter would in this instance of course be cut through such extended portion of the strap or lining. The portion e may, however, be secured to the
80 tab by paste or other adhesive material. It not only strengthens the tab, but also the button-hole.

Instead of extending the main portion of the strap or the lining over the tab in the manner described to strengthen it, I may em-
85 ploy a separate strengthening-piece e , as shown more clearly in Fig. 5, which may be secured to the tab in a manner similar to that already described.

By my improvement I am enabled to con-
90 struct straps comprising a button-hole tab very cheaply and rapidly, and which are at the same time very durable and strong.

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

95 1. In a strap, the combination, with a main or body portion folded on itself, the adjacent edges of which are secured by rows of stitching, of a button-hole tab, said tab being secured to the main or body portion by the rows
100 of stitching previously referred to, which also form the work of the button-hole, and by rows

of stitching along the side edges of the main or body portion, substantially as specified.

2. In a strap, the combination, with a main or body portion folded on itself, the adjacent
5 edges being secured by rows of stitching, of a button-hole tab, a strengthening-piece upon the rear side of the tab, said tab portion and strengthening-piece being secured to the main or body portion by the rows of stitching pre-

viously referred to, which also form the work 10 of the button-hole, and by rows of stitching along the side edges of the main or body portion, substantially as specified.

EDWIN B. STIMPSON.

Witnesses:

FREDK. HAYNES,
ARTHUR H. GAMBLIN.