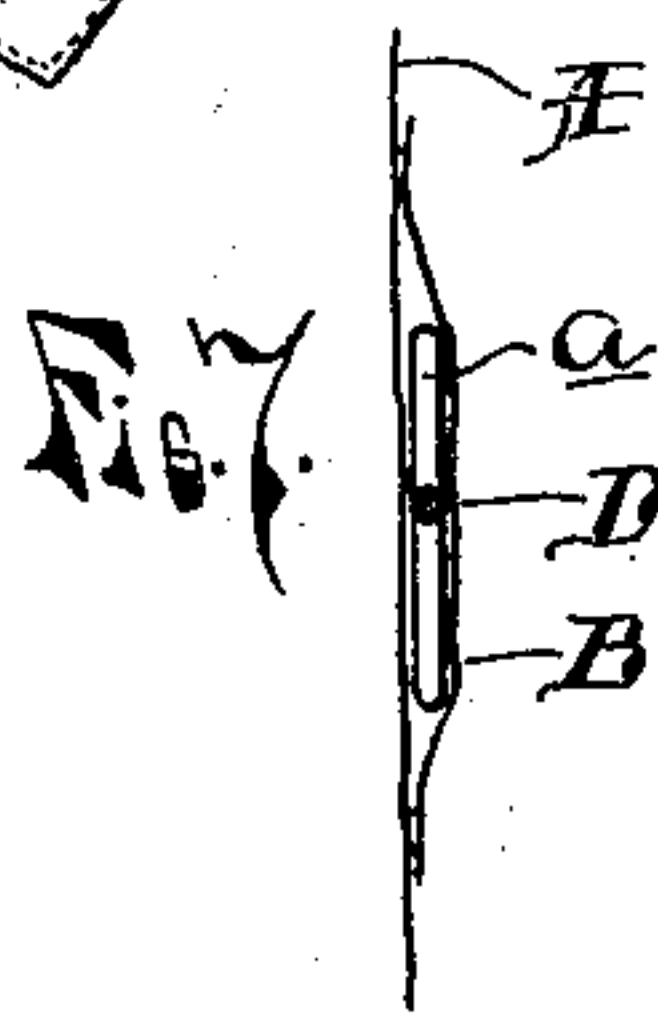
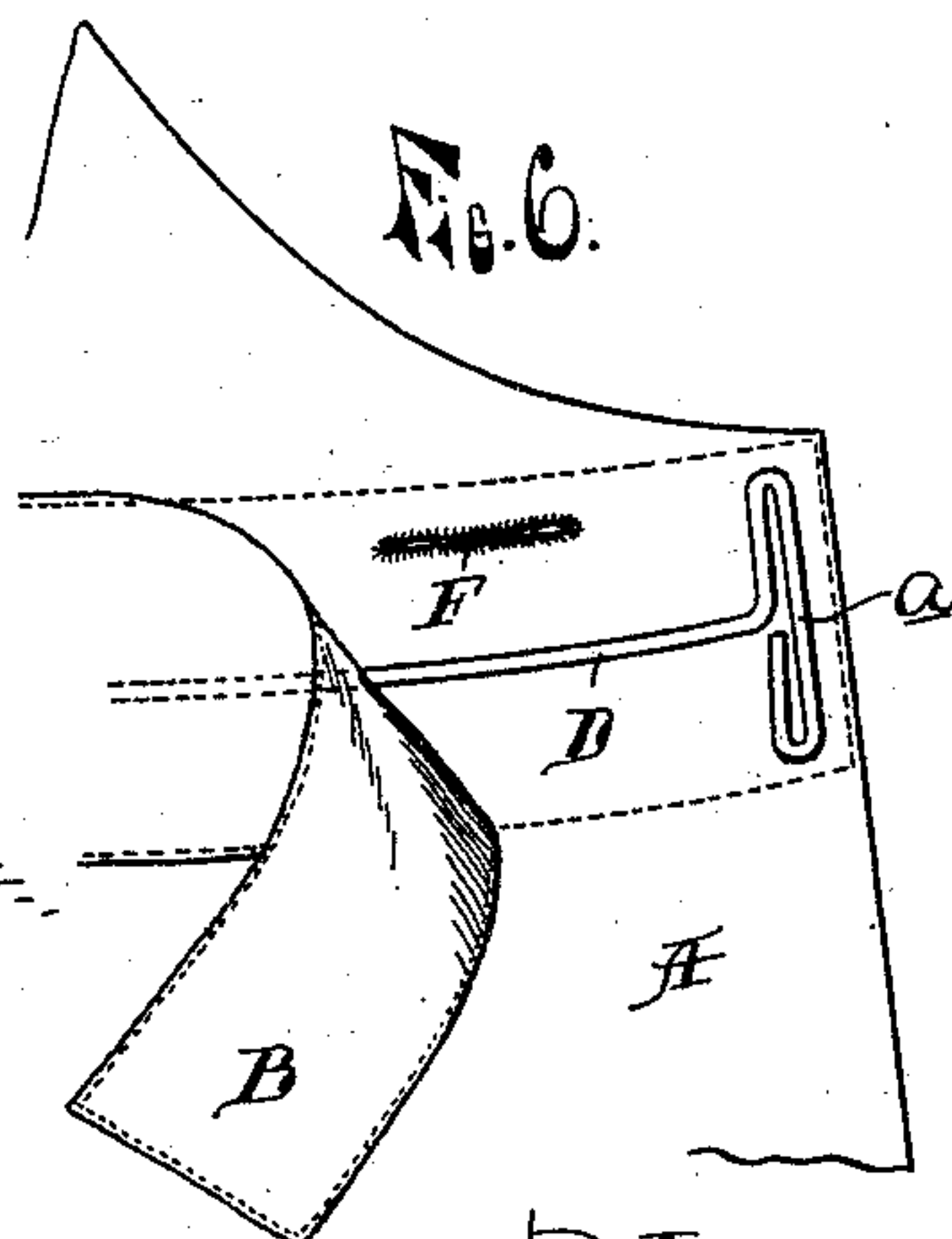
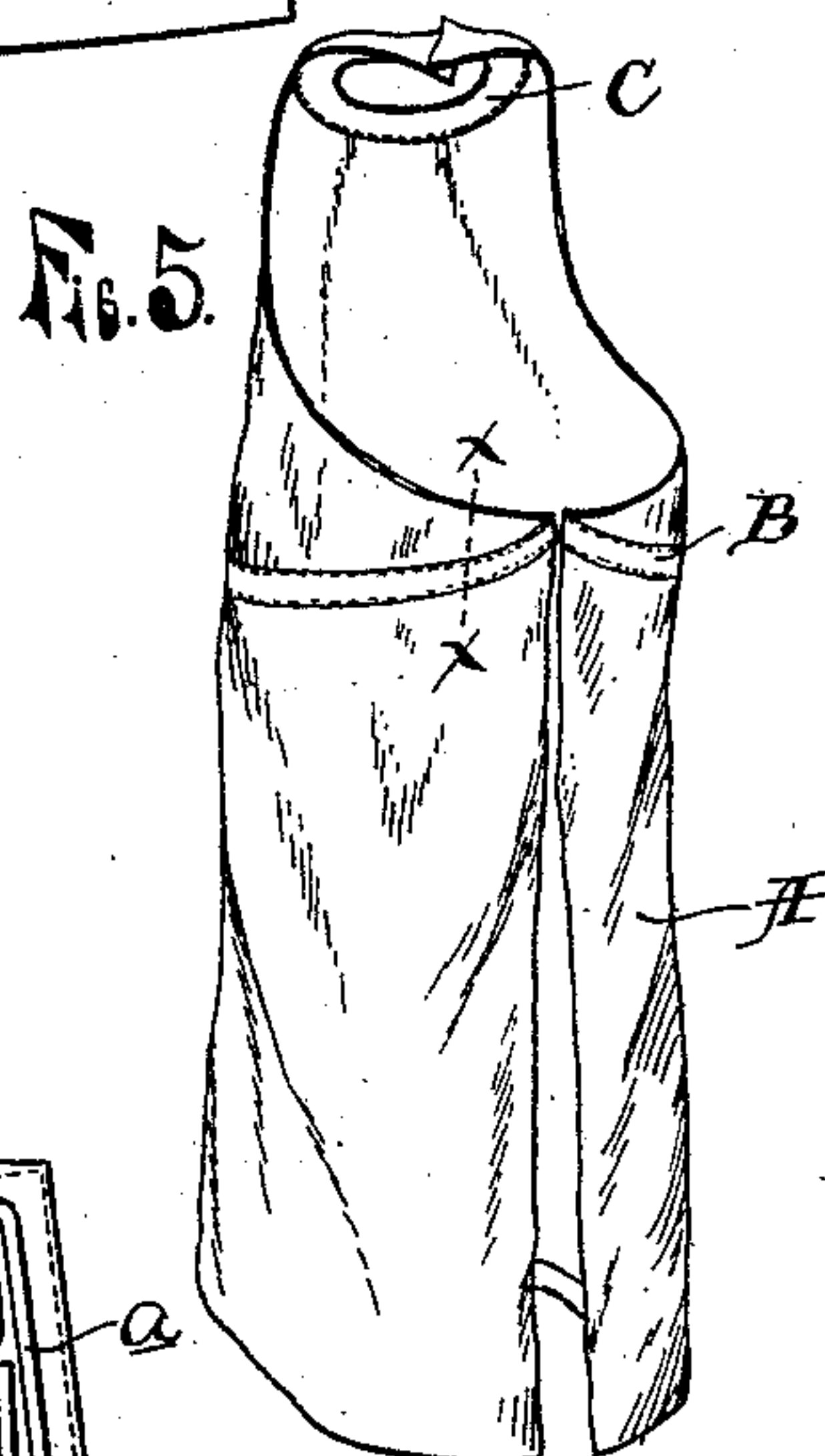
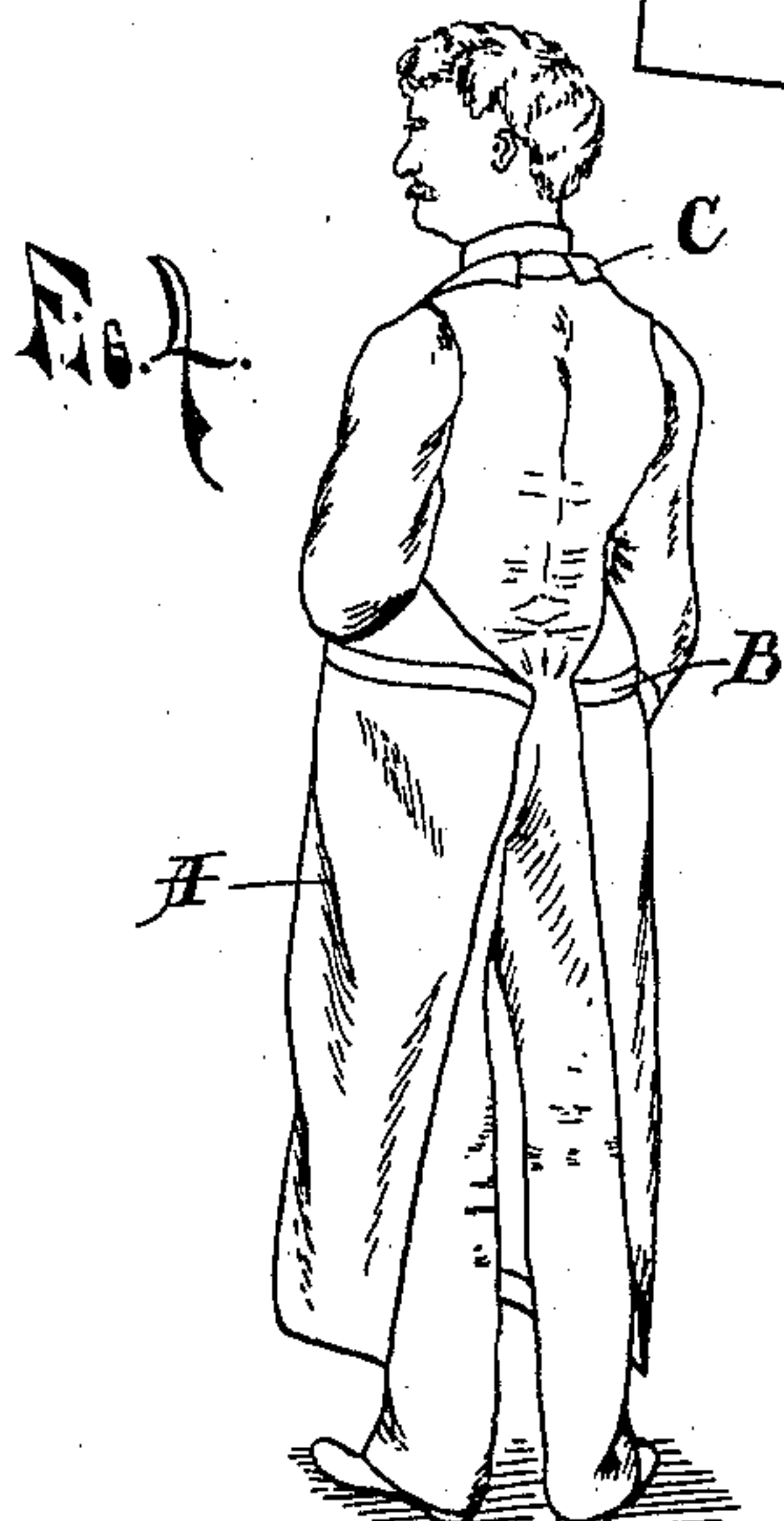
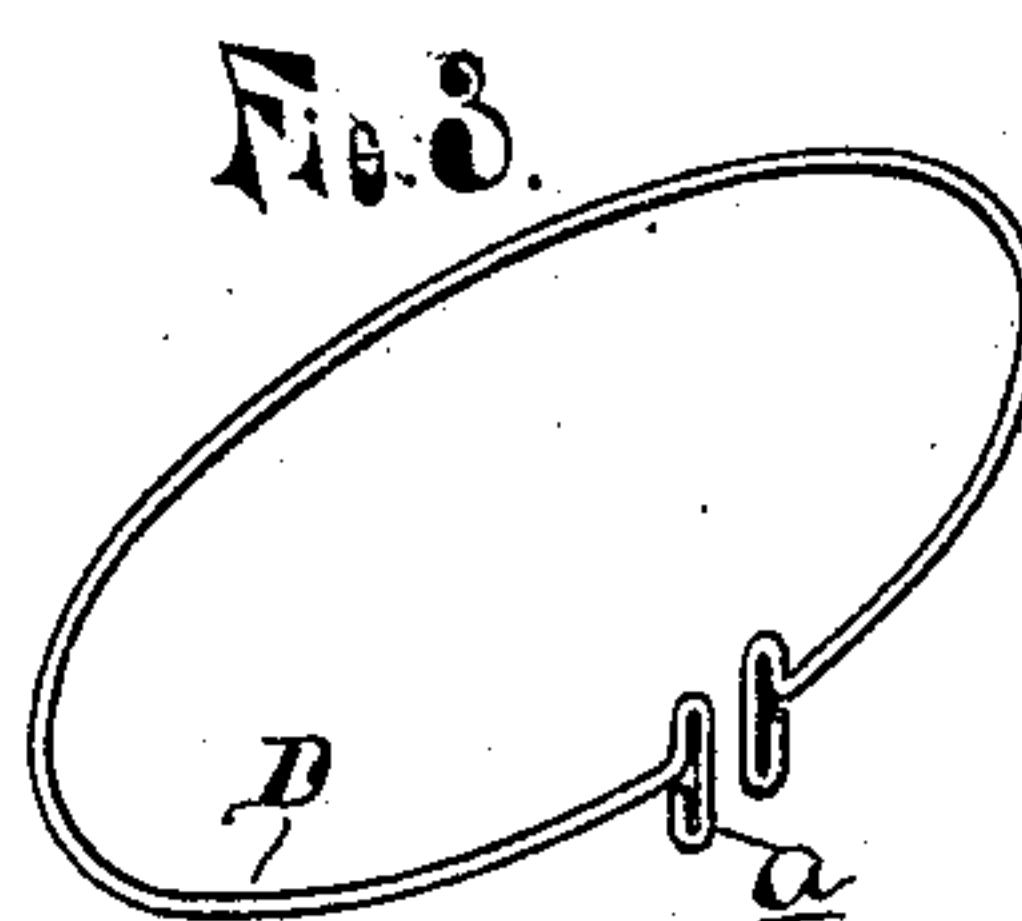
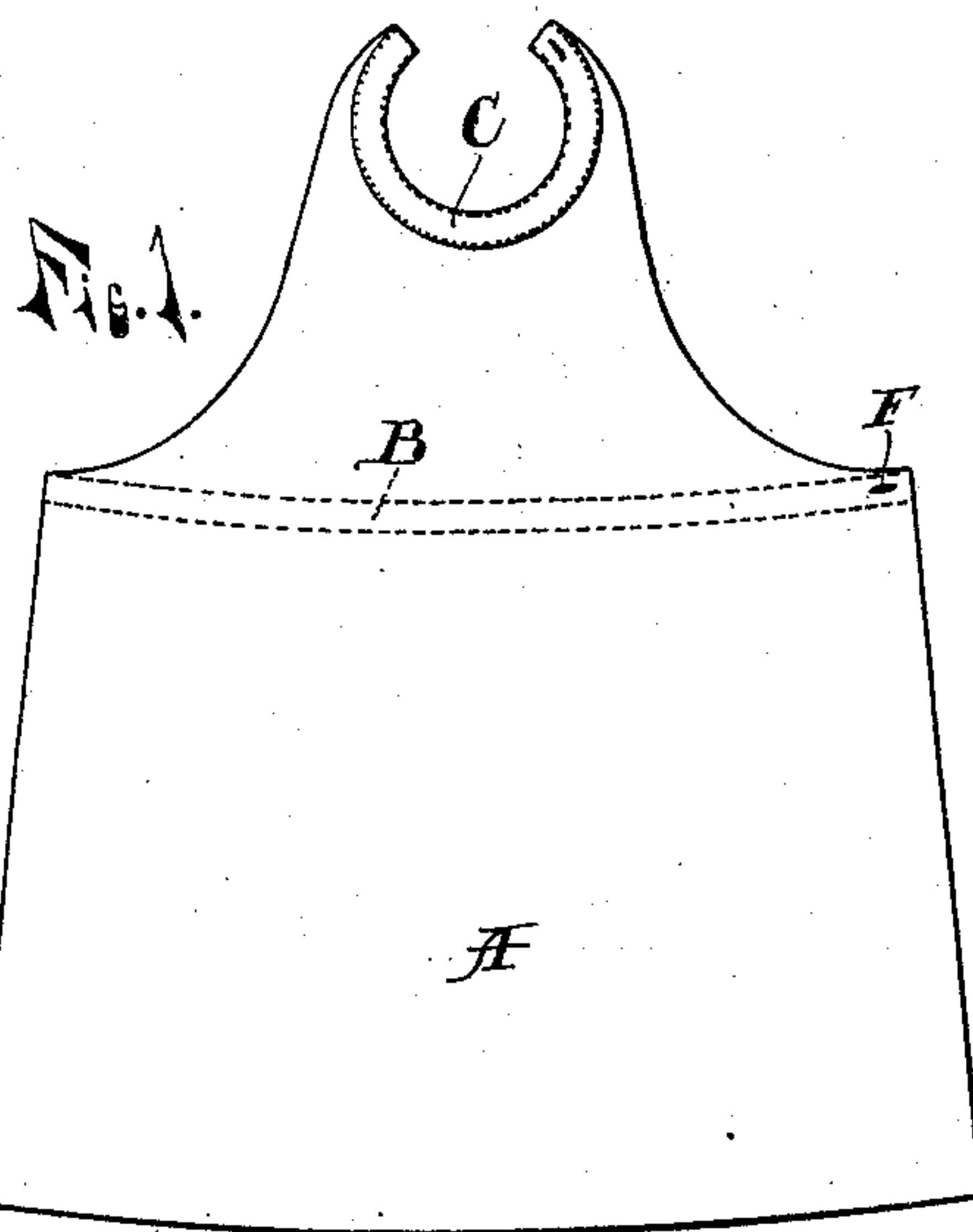
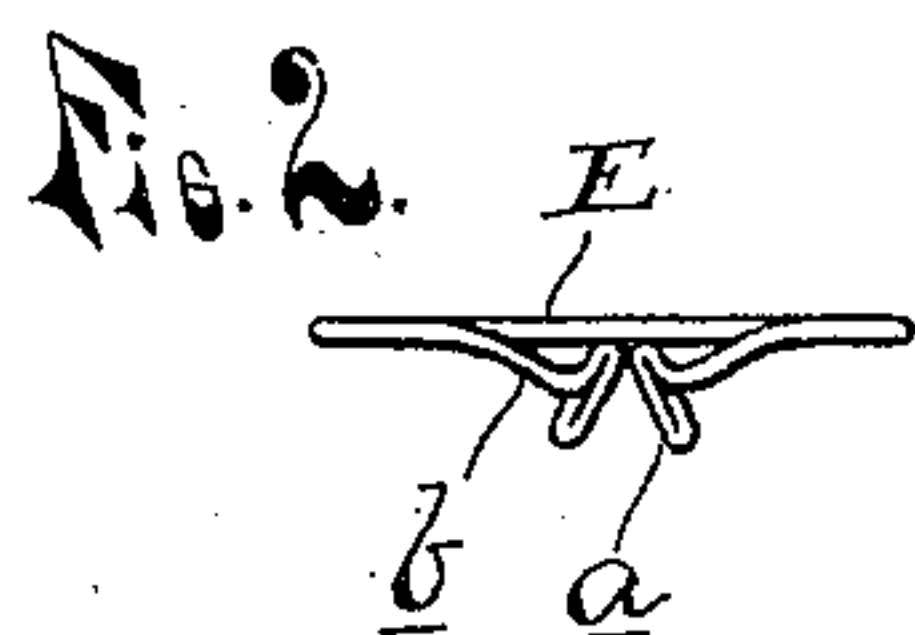


No. 788,489.

PATENTED APR. 25, 1905.

E. C. MOORE.
APRON.

APPLICATION FILED MAY 27, 1903. RENEWED OCT 1, 1904.



WITNESSES.

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UNITED STATES PATENT OFFICE.

EDWARD C. MOORE, OF DETROIT, MICHIGAN, ASSIGNOR TO E. C. MOORE AND SON, OF DETROIT, MICHIGAN, A FIRM.

APRON.

SPECIFICATION forming part of Letters Patent No. 788,489, dated April 25, 1905.

Application filed May 27, 1903. Renewed October 1, 1904. Serial No. 226,756.

To all whom it may concern:

Be it known that I, EDWARD C. MOORE, a citizen of the United States of America, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Aprons, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to new and useful improvements in aprons more especially adapted for dental and laboratory use; and its object is to make an apron that may be readily worn without the use of strings, buttons, or buckles; and to this end my invention consists in substituting for these devices spring-clasps, all as more fully hereinafter shown and described.

In the accompanying drawings, Figure 1 is a rear elevation of the apron with the spring-clasps removed. Fig. 2 is a detached edge elevation of the neck-spring. Fig. 3 is a perspective view of the waist spring-clasp. Fig. 4 is an elevation showing the apron as applied to the wearer. Fig. 5 is an elevation of the apron. Fig. 6 is a plan view of one of the corners of the apron with the waistband partly detached, exposing one end of the waist-spring. Fig. 7 is a section on line *x x*, Fig. 5, looking to the right.

A is the apron, formed substantially as shown in Fig. 1, being provided with reinforcing-bands B and C, stitched thereto along the edges to form suitable pockets at the waist and neck, respectively, and into these pockets are inserted the open-ended spring-clasps D and E, which are made of spring-wire and are preferably formed, as shown in Figs. 2 and 3, to conform to the size and shape of the neck and waist. These springs are preferably oil-tempered and nickel-plated on copper, as I find they soon rust through the goods unless they are oiled

and if oiled the oil shows on the light-colored goods.

The ends of the spring-clasps are doubled back upon themselves at substantially right angles to form the T-heads *a*, thus giving a long point of contact and avoiding all danger of the ends of the springs forcing through the cloth. Preferably a slight distance back from one end of these pockets B C, I form a longitudinal slot F, so that these springs may be quickly removed—as, for instance, when it is desired to have the apron laundered. Also by thus having the springs detachable one set of springs will answer for a number of aprons.

The neck-spring D is preferably so formed that it will fit the back of the neck of the wearer by bending downward the meeting ends of the spring, as shown at *b* in Fig. 2. It will thus be seen that the weight of the apron is entirely supported by the springs. I may make the neck-spring E without the downwardly-curved ends *b*, if desired.

An apron of this kind can be attached and detached from the wearer in an instant and is of special advantage for the use of dentists or any one working in a laboratory or shop where one desires to make a presentable appearance to his patrons in the office and still be enabled to work in the laboratory or shop between times.

While I have described my apron as a dental apron, it is obvious that it may be used for many other purposes—for example, while working around or washing a buggy or automobile, in which case it is preferably made of waterproof goods.

Having thus fully described my invention, what I claim is—

1. As an improved article of manufacture, an apron comprising a body and a bib portion and having a transverse pocket with a longitudinal slot near one end of said pocket,

and a spring inserted in said pocket and having its ends doubled back upon themselves at substantially right angles to the body of the spring to form T-shaped heads, substantially as shown and described.

5 2. As an improved article of manufacture, an apron comprising a body and a bib portion the same being formed at their junction with a transverse pocket with a longitudinal
10 slot near one end of said pocket, and a spring

inserted in said pocket and having its ends doubled back upon themselves at substantially right angles to the body of the spring to form T-heads, substantially as described.

In testimony whereof I affix my signature 15
in presence of two witnesses.

EDWARD C. MOORE.

Witnesses:

FANNIE WACHTER,
OTTO F. BARTHEL.