

No. 750,187.

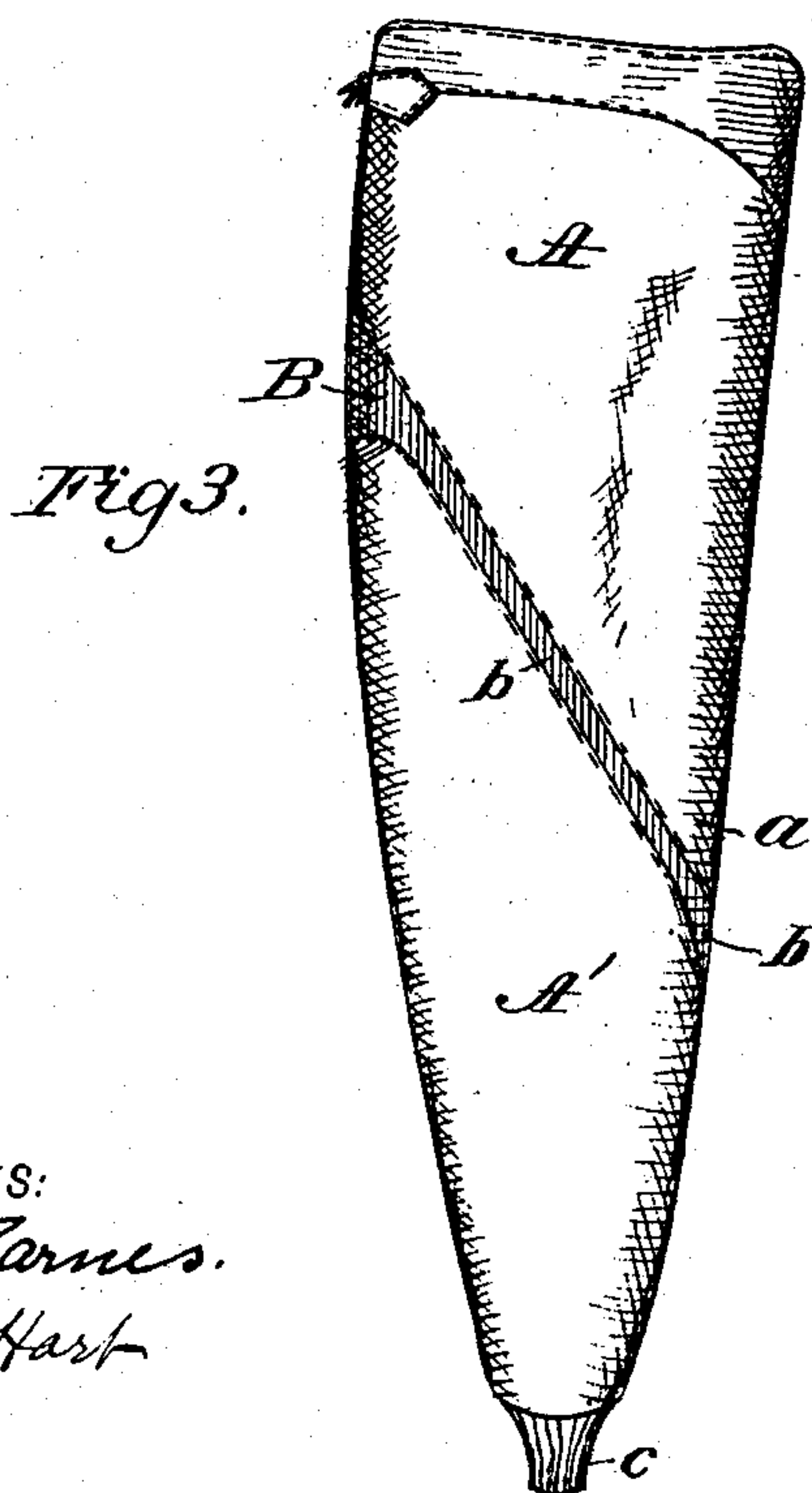
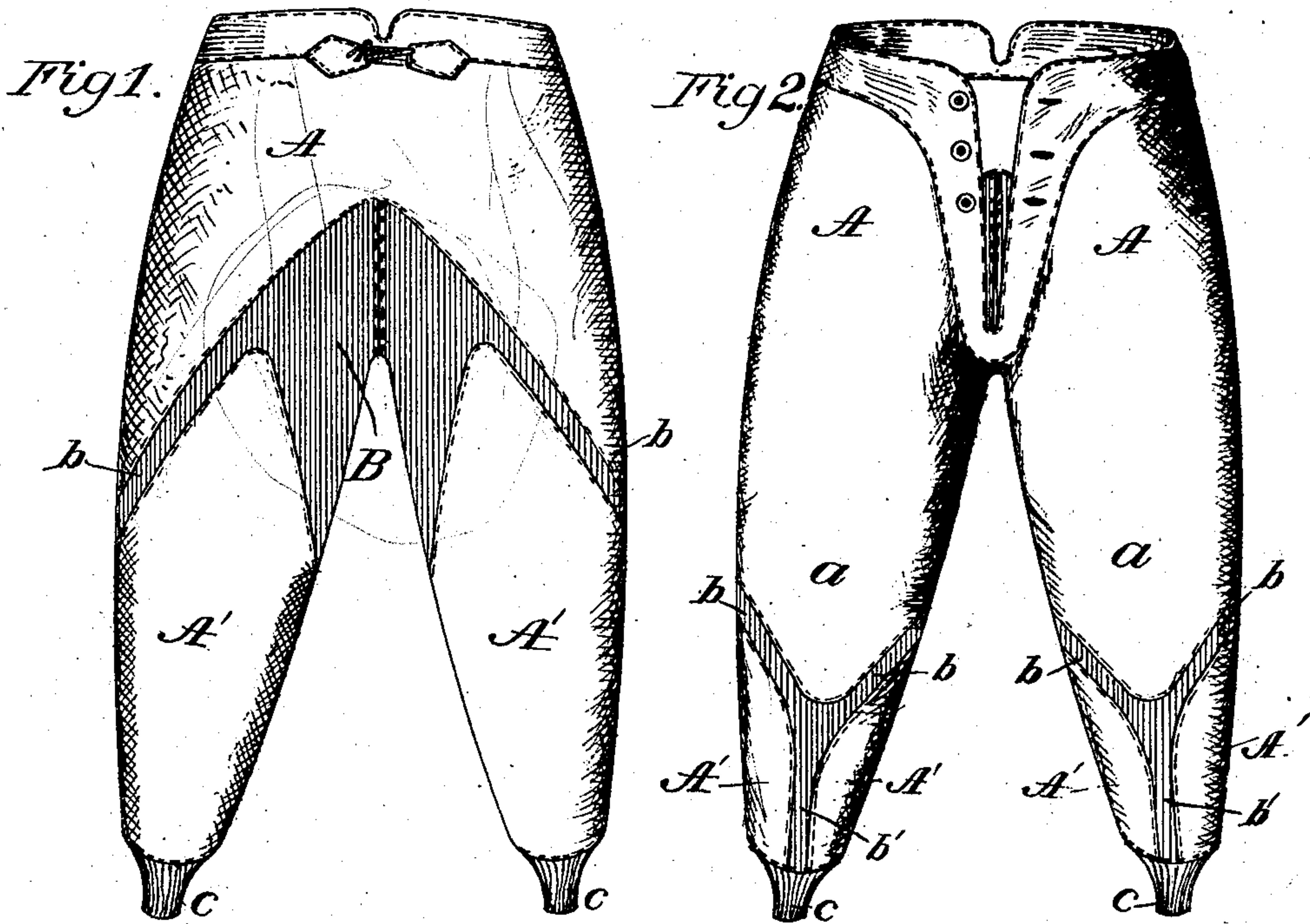
PATENTED JAN. 19, 1904.

J. GUGENHEIM, G. A. CAPITON, L. D. HERRICK & H. JACOBS.
DRAWERS.

APPLICATION FILED OCT. 2, 1903.

NO MODEL.

2 SHEETS—SHEET 1.



WITNESSES:
Phil. E. Barnes.
Amos W. Hart

INVENTORS:
Jonas Gugenheim
George A. Capitan
Leman D. Herrick
Henry Jacobs.
BY *Munn & Co.*

ATTORNEYS

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2 SHEETS—SHEET 2.

Fig 4.

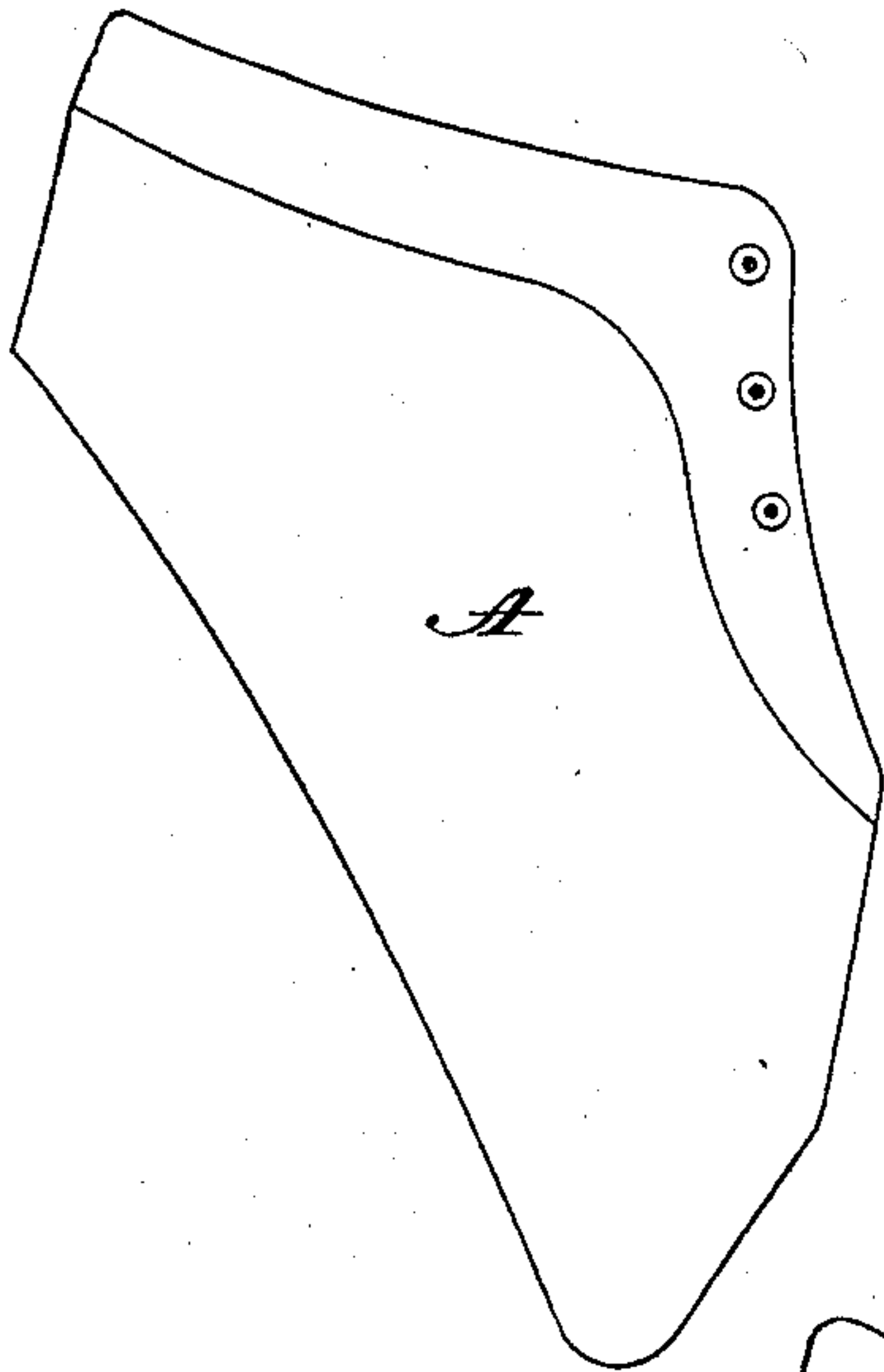


Fig 5.

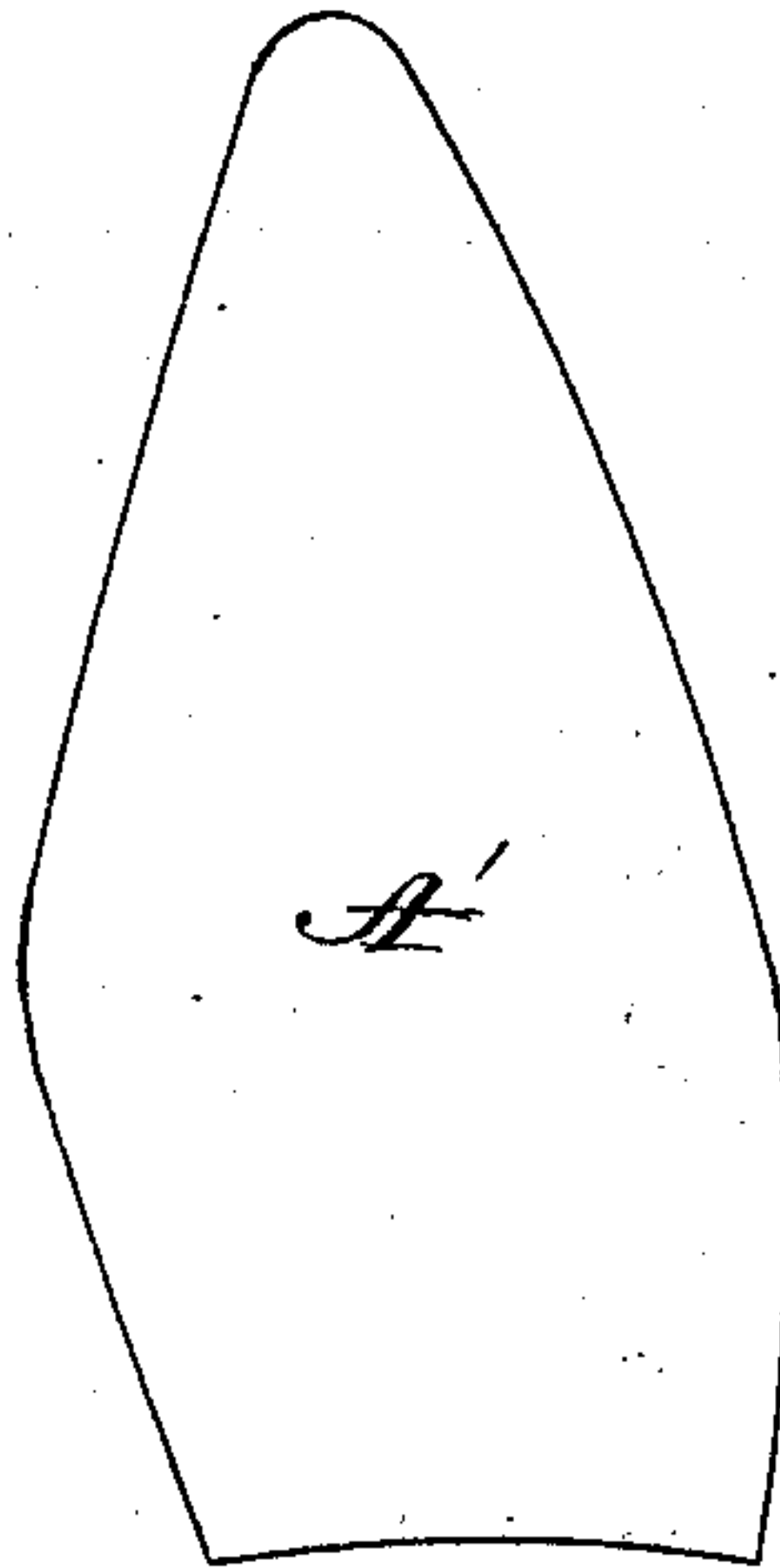
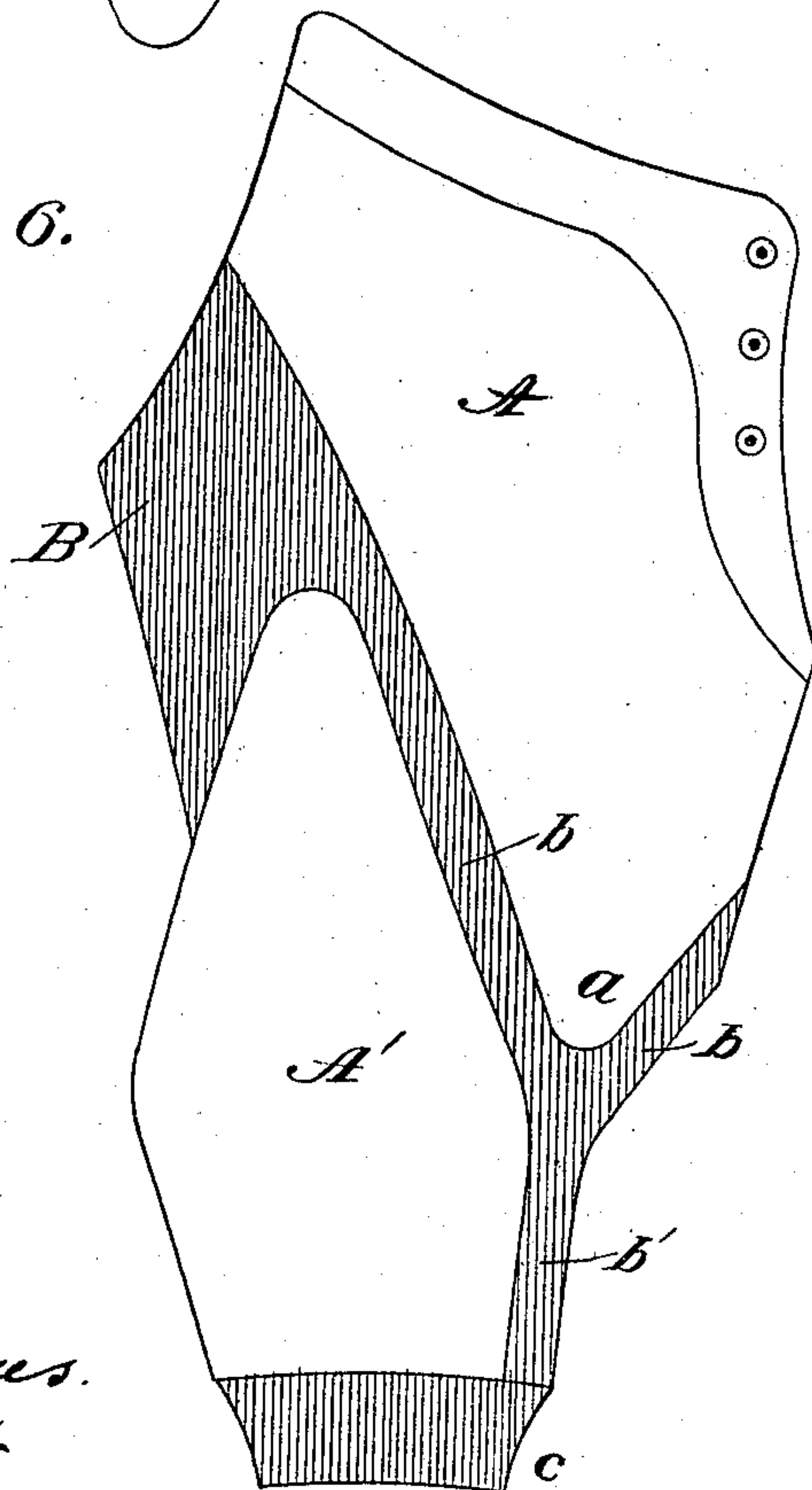


Fig 6.



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UNITED STATES PATENT OFFICE.

JONAS GUGENHEIM, GEORGE ADOLPH CAPITON, LEMAN DWIGHT HERRICK, AND HENRY JACOBS, OF SCRANTON, MISSISSIPPI.

DRAWERS.

SPECIFICATION forming part of Letters Patent No. 750,187, dated January 19, 1904.

Application filed October 2, 1903. Serial No. 175,479. (No model.)

To all whom it may concern:

Be it known that we, JONAS GUGENHEIM, GEORGE ADOLPH CAPITON, LEMAN DWIGHT HERRICK, and HENRY JACOBS, citizens of the United States, residing at Scranton, in the county of Jackson and State of Mississippi, have invented a new and useful Improvement in Drawers, of which the following is a specification.

Our invention is an improvement in that class of undergarments which are composed of fabrics of different degrees of elasticity, one being preferably a woven fabric and the other a knitted one.

In our improved drawers the invention is embodied in the particular form and arrangement of the knitted or most elastic portions with reference to the woven or less elastic portions, whereby certain advantages are attained, as hereinafter stated.

In the accompanying drawings, Figure 1 is a back view, and Fig. 2 a front view, of our improved drawers. Fig. 3 is a side view. Figs. 4 and 5 are face or plan views of the less elastic pieces or portions of the garment. Fig. 6 is a face or plan view of one-half of the garment, the highly elastic and less elastic pieces or portions being shown as arranged together as in the completed garment.

The entire upper portion A of the drawers, including the front leg portion *a* and also the rear portion, are formed of woven fabric, and the seat portion B and downward extensions *b* thereof are formed of knitted and ribbed fabric. The comparatively inelastic portions *a* of part A extend downward on the front and both sides of the leg below the knee and terminate in a rounded point, as shown in Fig. 2.

The lower back portions A' of the legs are formed of inelastic fabric similar to part A. Two narrow extensions *b* of the elastic part B are cut on the bias and diverge laterally and downward or diagonally on each leg of the drawers and meet on the front of the same below at the point of the inelastic part *a*,

whence they proceed directly downward or in a vertical line to the elastic ankle portion *c*. Such vertical extensions are indicated by *b'*. The ribs of part B run vertically, and the extensions *b* being diagonally arranged the garment has great elasticity in a lateral direction and at the two points—to wit, the seat and knee—where it is most required for comfort of the wearer and durability of the garment. It is apparent that the elasticity is especially great at and below the knee, where the garment is subject to the most severe and frequent strain. This result is due particularly to the diagonal arrangement of the side extensions *b* of part B and to their conjunction below the point of the parts *a*. The vertical downward extension therefrom to the ankle renders the lower portions of the legs so elastic laterally that the garment may be drawn on and off with great ease.

Thus, in brief, we provide drawers which are distinguished by a high degree of elasticity where that quality is most necessary, and this is attained mainly by the peculiar arrangement of the two elastic parts diagonally on the legs of the garment.

It will be understood that the terms “elastic” and “inelastic” here employed are merely relative, and that they indicate only different degrees of elasticity in the respective parts A B.

What we claim is—

1. The improved drawers composed of inelastic upper and lower leg portions, and an elastic portion which forms the seat and has narrow diagonal extensions on each side of each leg, the said extensions meeting on the front of the leg below the knee and proceeding thence to the ankle, as shown and described.

2. The improved drawers composed of the inelastic upper part extending downward on the front of each leg and terminating adjacent to the knee, and a similarly inelastic lower part forming the back and sides of the lower portion of the leg, and an elastic part

which forms the seat of the garment and has narrow extensions leading in opposite directions laterally and downward on each leg and meeting on the front of the legs at the knee,
5 as shown and described.

3. The improved drawers formed of inelastic upper parts A and lower parts A', and the elastic seat part B formed of ribbed fabric with the ribs running vertically, and having
10 the narrow diagonal extensions b on each leg,

and the further vertical extension b' on the front of each leg, as shown and described.

JONAS GUGENHEIM.
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Witnesses:

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