

(No Model.)

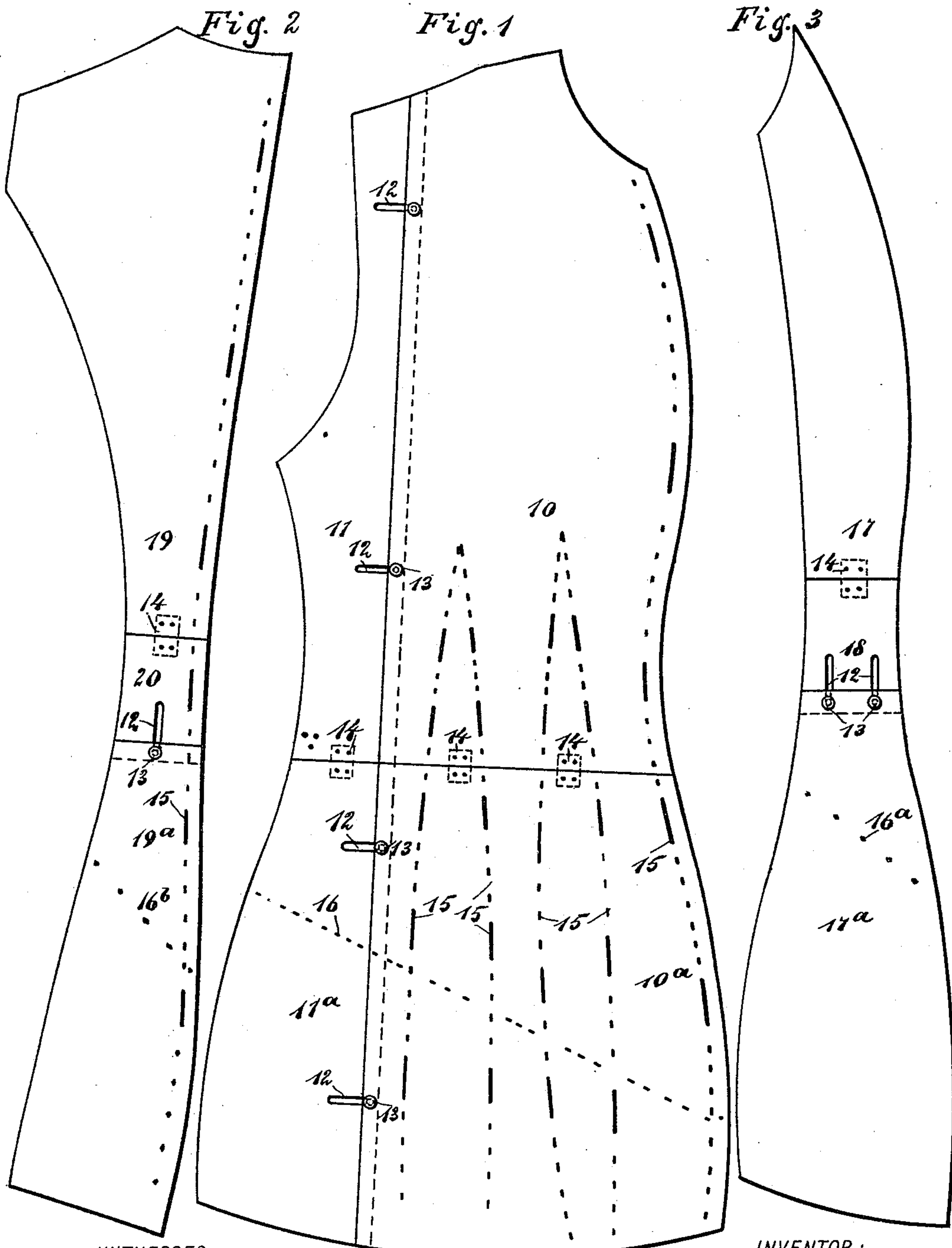
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B. MUSSE.

ADJUSTABLE PATTERN FOR DRAFTING GARMENTS.

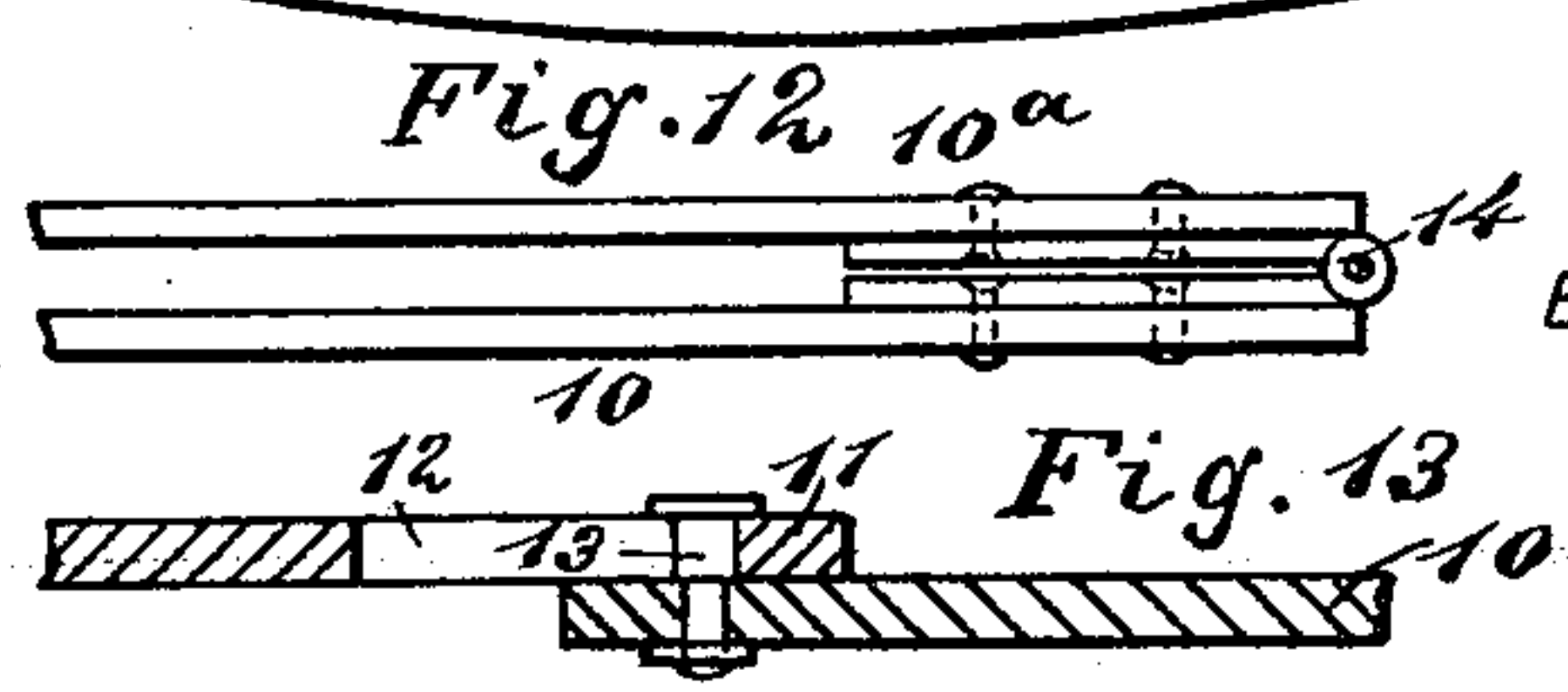
No. 467,045.

Patented Jan. 12, 1892.



WITNESSES:  
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C. Sedgwick

INVENTOR:  
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(No Model.)

2 Sheets—Sheet 2.

B. MUSSE.

ADJUSTABLE PATTERN FOR DRAFTING GARMENTS.

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Fig. 4

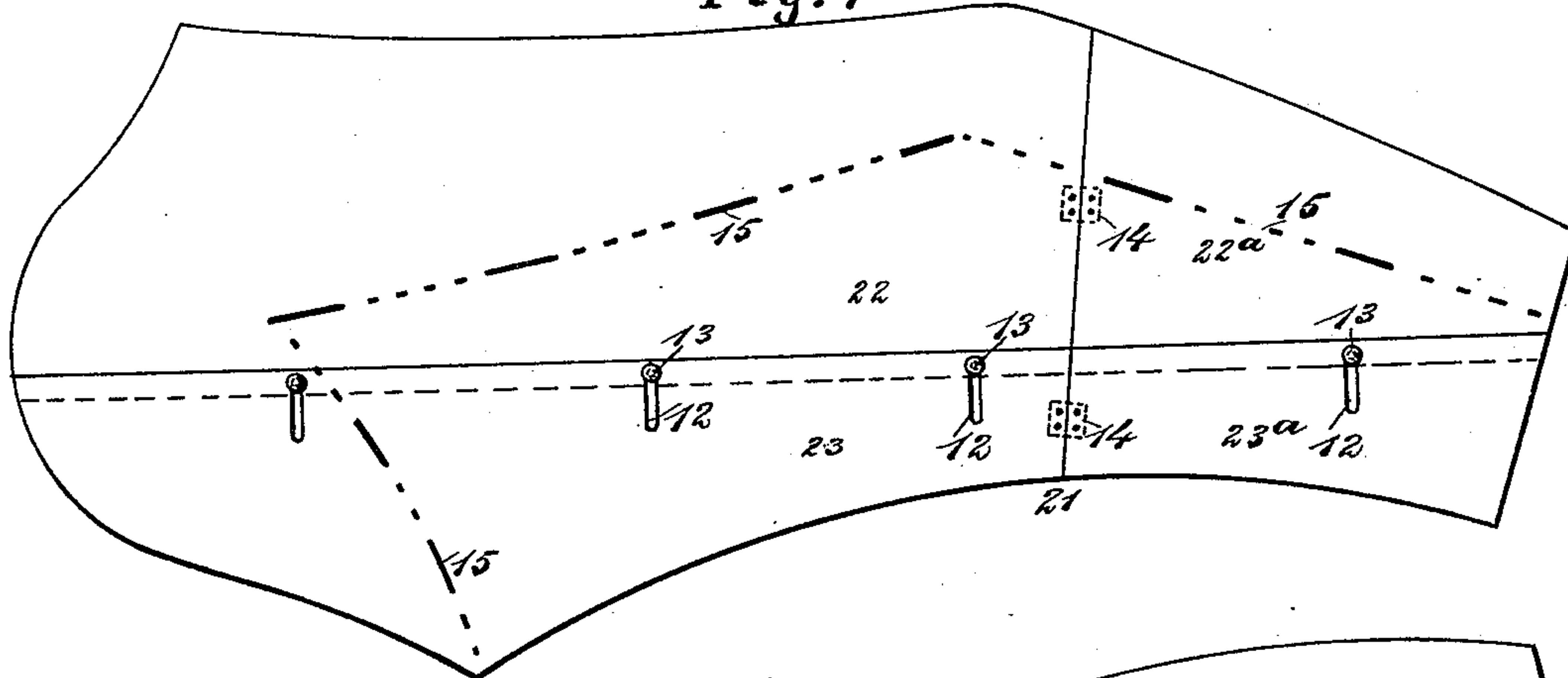


Fig. 5

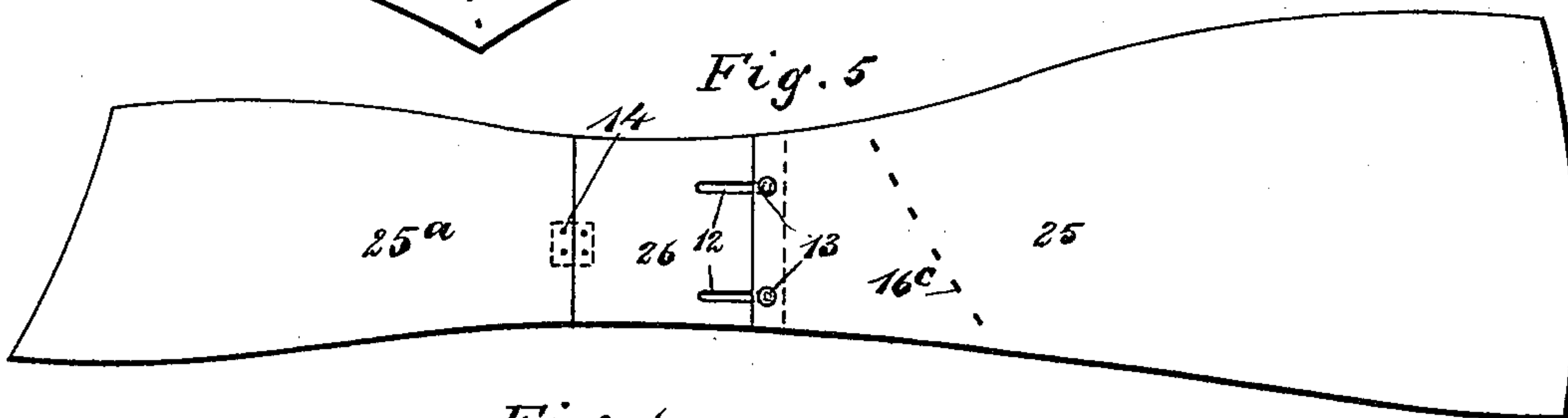


Fig. 6

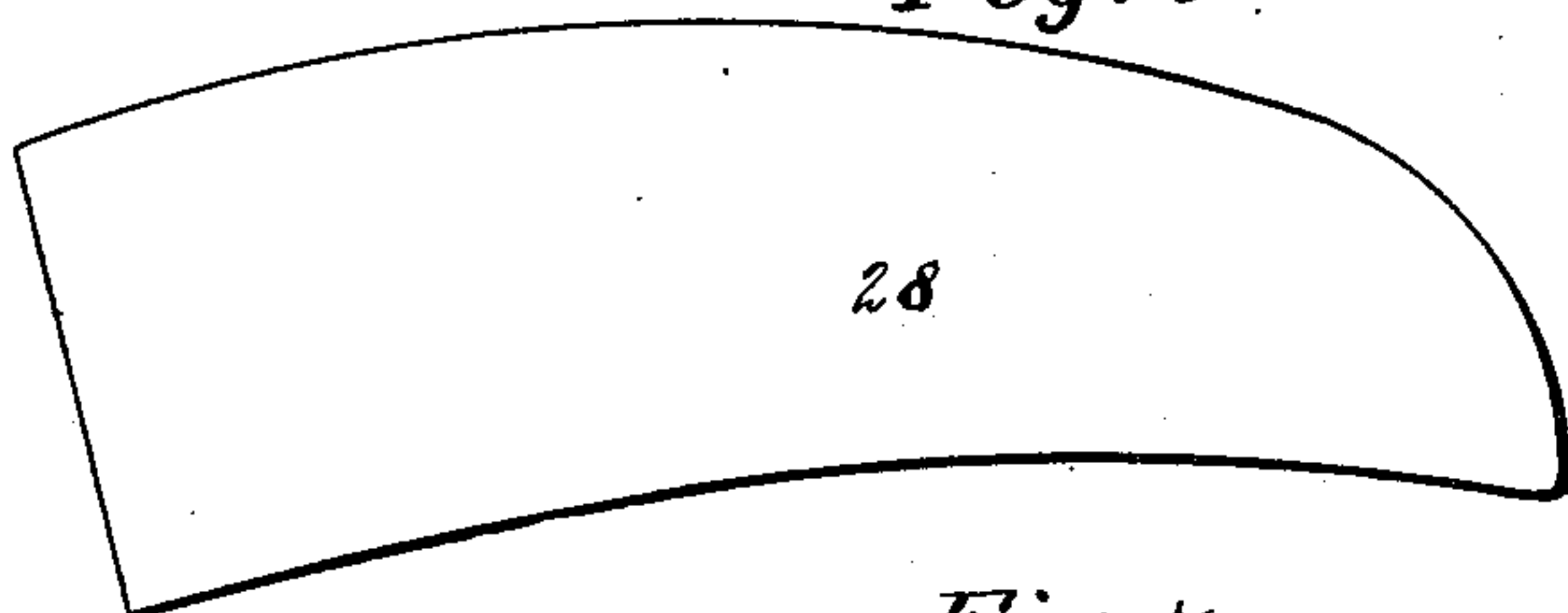


Fig. 7

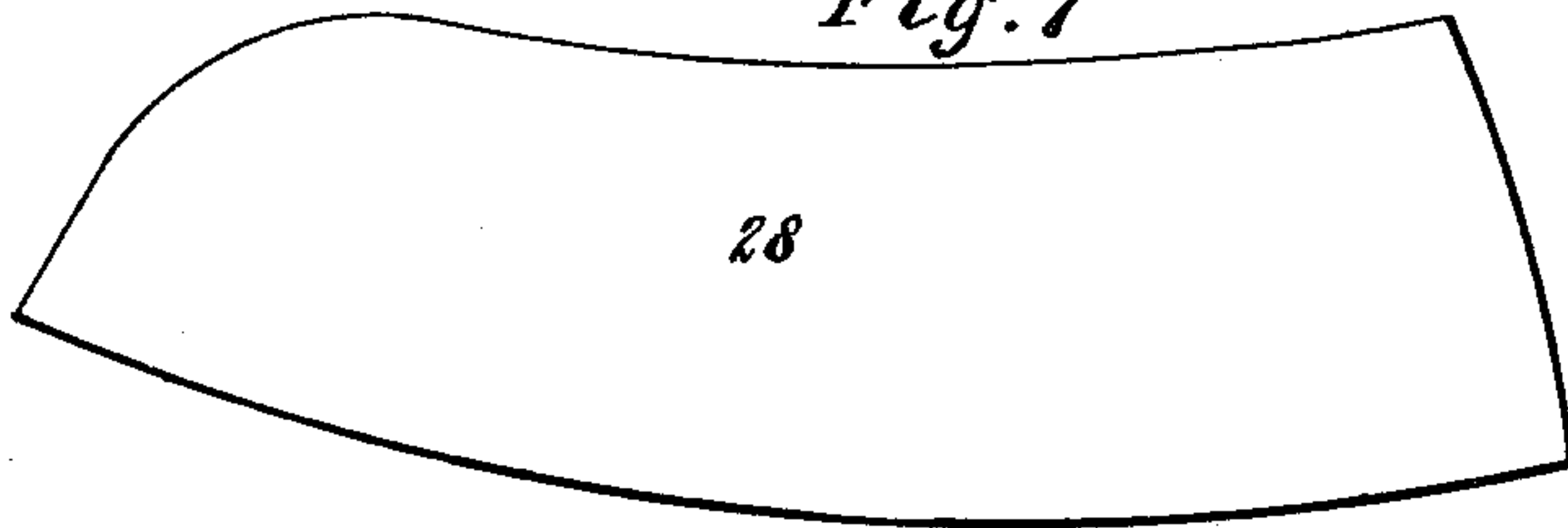
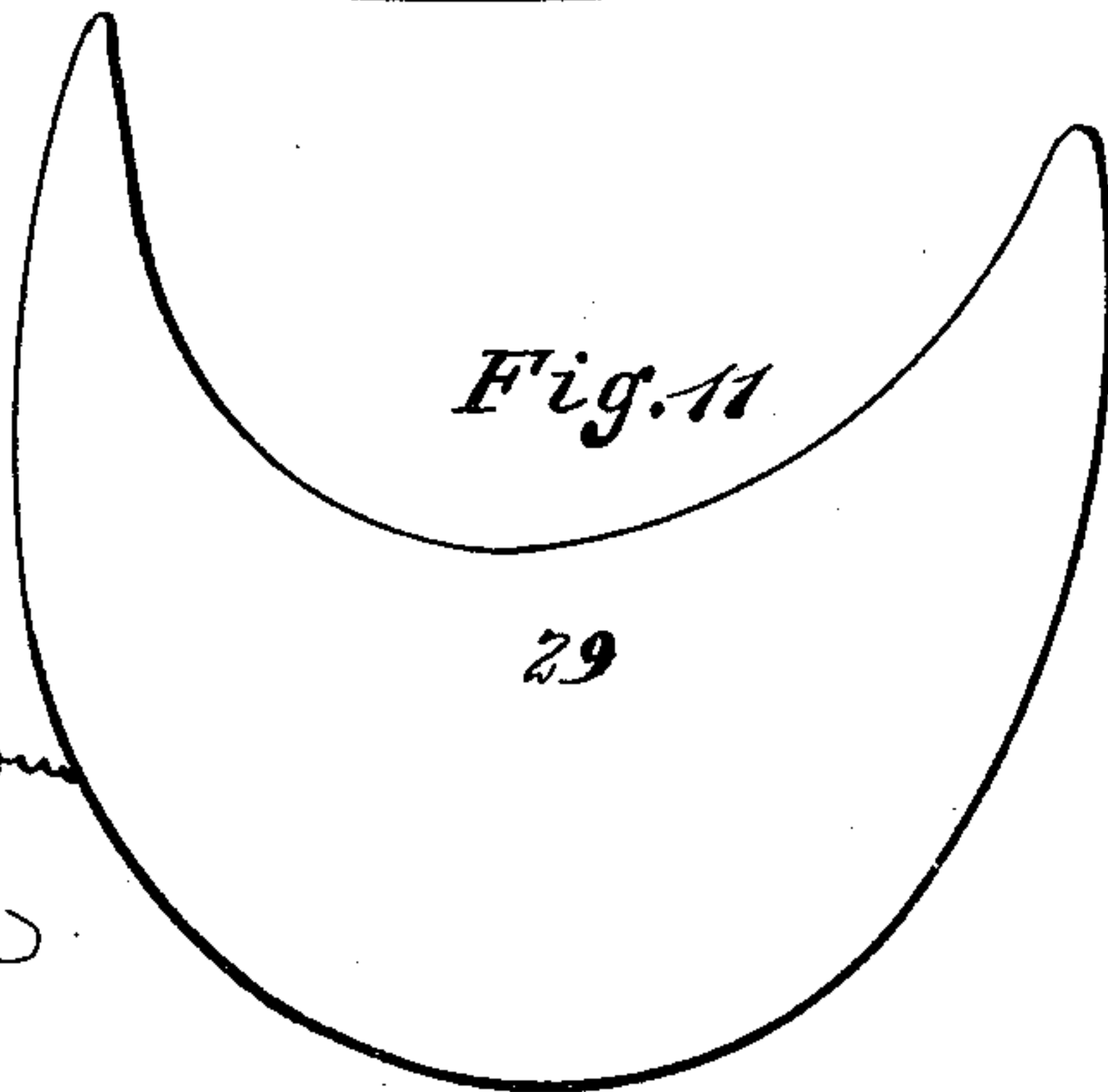


Fig. 11



WITNESSES:

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Fig. 8 Fig. 9

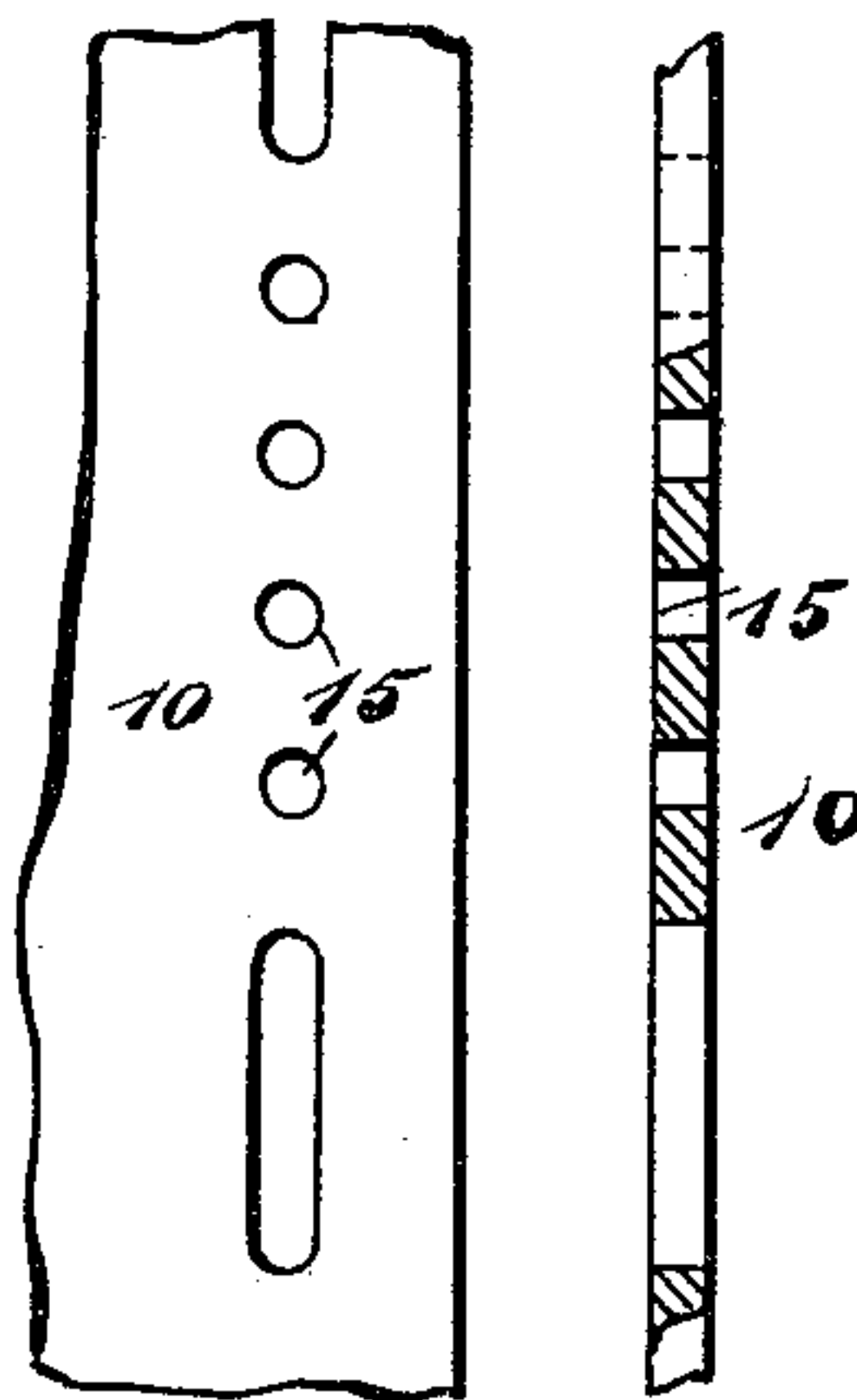
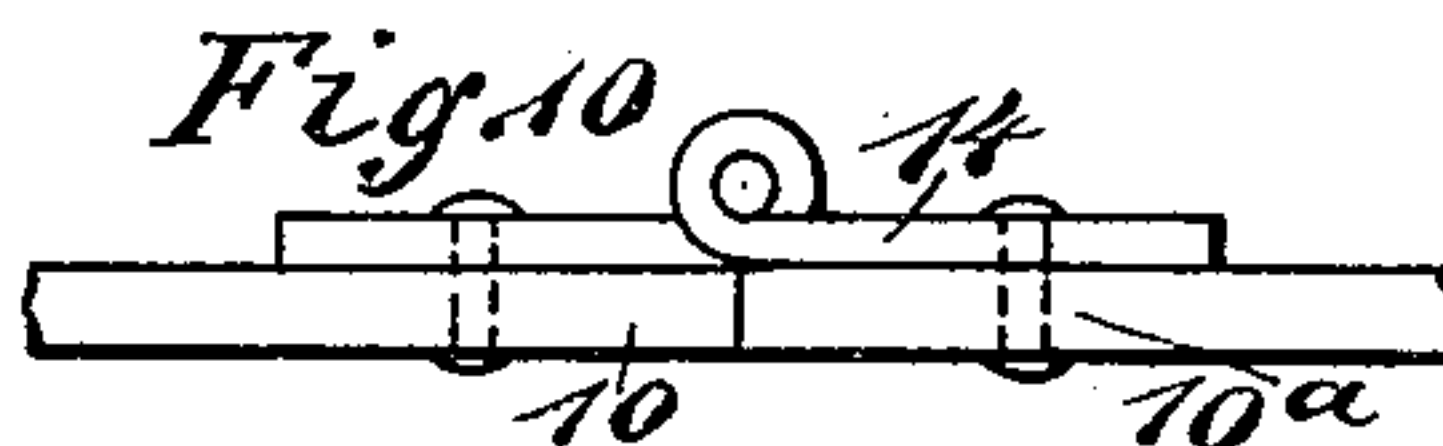


Fig. 10



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# UNITED STATES PATENT OFFICE.

BERTHA MUSSE, OF NEW YORK, N. Y.

## ADJUSTABLE PATTERN FOR DRAFTING GARMENTS.

SPECIFICATION forming part of Letters Patent No. 467,045, dated January 12, 1892.

Application filed October 13, 1891. Serial No. 408,577. (No model.)

*To all whom it may concern:*

Be it known that I, BERTHA MUSSE, of the city, county, and State of New York, have invented a new and Improved Pattern, of which the following is a full, clear, and exact description.

My invention relates to improvements in patterns such as are used in making sacks, basques, waists, and analogous garments; and the object of my invention is to produce a simple and convenient pattern which may be accurately adjusted to fit people of different sizes.

To this end my invention consists in certain features of construction and combinations of parts, which will be hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures of reference indicate corresponding parts in all the views.

Figure 1 is a plan view of the front piece of the pattern. Fig. 2 is a plan view of the back piece. Fig. 3 is a plan view of the back side piece. Fig. 4 is a plan view of the sleeve. Fig. 5 is a plan view of the front side piece. Figs. 6 and 7 are plans of the collar-pieces. Figs. 8 and 9 are broken detail views in plan and cross-section, showing the slots and perforations in the body of the patterns. Fig. 10 is a detail view of one of the hinges. Fig. 11 is a plan of a pad-piece. Fig. 12 is a broken detail view showing the manner in which the hinged sections of the pattern fold together; and Fig. 13 is a detail sectional view showing the manner in which the sections of the pattern are held together, so as to slide one upon the other.

The various parts of the pattern are made up, preferably, of sheet metal, and the patterns may be given any desired contour, according to the nature of the garment to be cut from them; and my invention consists in the manner in which the various sections are united and arranged.

The front piece is made up of two sections 10 and 10<sup>a</sup>, which are united by hinges 14, so that they may fold one upon the other, and the adjustable parts 11 and 11<sup>a</sup>, which are also hinged together by hinges 14, and which connect with the parts 10 and 10<sup>a</sup>, respectively, by means of slots 12 in the parts 11 and 11<sup>a</sup>,

which slots are arranged laterally and receive rivets 13, which are secured to the parts 10 and 10<sup>a</sup>, and which thus permit the front and rear portions of the front piece to be adjusted in relation to each other, so as to adapt the front piece as a whole to a large or small garment.

The back side piece (shown in Fig. 3) is made up of sections 17 and 17<sup>a</sup>, which are united by an intermediate section 18, the latter being hinged to the part 17, and the section 18 is connected to the section 17<sup>a</sup> by means of slots 12 and rivets 13 like those already described, except that in this case the slots are arranged vertically instead of laterally, so as to permit the back side piece to be adjusted as to its length. The back piece shown in Fig. 2 is made up substantially like the back side piece above described, the top section 19 being connected with the lower section 19<sup>a</sup> by means of an intervening section 20, which is hinged to the part 19, and the lower end 19<sup>a</sup> is adjusted in relation to the section 20 by means of a slot 12 and rivet 13.

The sleeve 21 (shown in Fig. 4) is composed of four sections united substantially like the front piece shown in Fig. 1, the main portion 22 having the lower end 22<sup>a</sup> hinged to it and the side sections 23 and 23<sup>a</sup> being adjustably united to the parts 22 and 22<sup>a</sup> by means of slots 12 and rivets 13 in the manner already described. It will thus be seen that the sleeve may be made larger or smaller, as desired, by simply adjusting the parts 23 and 23<sup>a</sup> in relation to the parts 22 and 22<sup>a</sup>.

The front side piece (shown in Fig. 5) is made up substantially like the back side piece and the back, it consisting of a main lower section 25, an upper section 25<sup>a</sup>, and an intervening section 26, adjustably connected to the part 25 by means of rivets and slots, as described above, and the part 26 is hinged to the part 25<sup>a</sup> by a hinge 14. The collar-pieces 28 are of the usual kind, the two united pieces forming a complete collar, and in Fig. 11 I have shown a pattern from which a pad may be cut to go beneath the arms. The main parts of the pattern—that is, the front, the side pieces, the back, and the sleeve—are all provided with slots and perforations 15, which are arranged so that the cloth from which the garment is cut may be conveniently marked



through said slots and perforations to indicate where the garment is to be taken up.

In the main section or front piece, Fig. 1, these slots and perforations are arranged longitudinally in the pattern in curved lines, and a row of the slots or perforations extend, also, the entire length of the section 10 10<sup>a</sup> adjacent to its front edge. These slots and perforations are also arranged on the sleeve-piece, as shown in Fig. 4. The main section or front piece (shown in Fig. 1) is also provided with a diagonal row of perforations 16, which adapts it for use when a pointed basque is to be cut, and the back side piece, back, and front side piece are provided with extensions of this row marked in the drawings 16<sup>a</sup>, 16<sup>b</sup>, and 16<sup>c</sup>.

In Figs. 10 and 12 the construction of the hinge is shown clearly, and the hinge is of a common form; but it will be understood that any desired form may be used. This pattern will be made up in several sizes, and each side, by reason of its lateral and longitudinal ad-

justment, may be made to cut several sizes of garments.

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

A pattern comprising the front and back pieces, the front piece formed of upper and lower sections 10 10<sup>a</sup> and parts 11 11<sup>a</sup>, each section overlapping at its rear edge the parts 11 11<sup>a</sup> and having a sliding connection therewith, as at 12 13, the back piece comprising upper and lower sections 19 19<sup>a</sup> and intermediate section 20, having a sliding connection, as at 12 13, with the section 19<sup>a</sup>, and the front and back side pieces formed of similarly-connected sections 17, 18, 17<sup>a</sup>, and 25, 25<sup>a</sup>, and 26, respectively, as shown and described.

BERTHA MUSSE.

Witnesses:

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