E. H. PETERSON.

BLOCK PATTERN FOR GARMENTS.

APPLICATION FILED OCT. 2, 1907.

928,691.

Patented July 20, 1909.

2 SHEETS—SHEET 1.

Fig. 1.

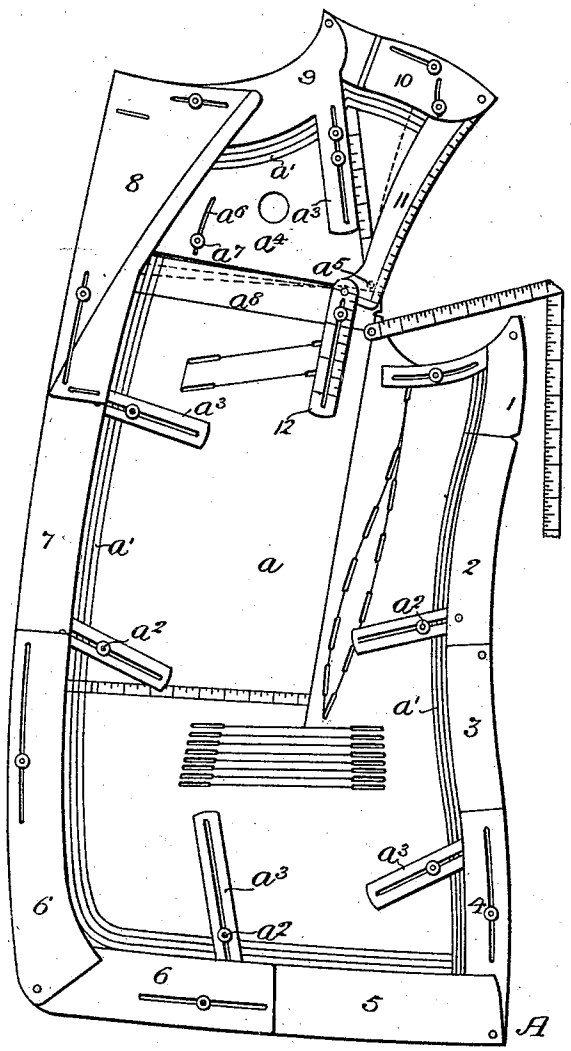
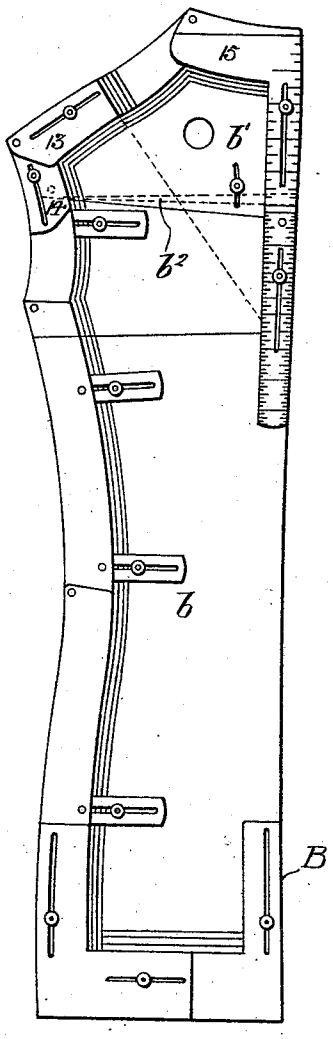


Fig. 2.



Witnesses:-
Wills A. Burrones
Augustus B. Coppes

Inventor:
Erick H. Peterson
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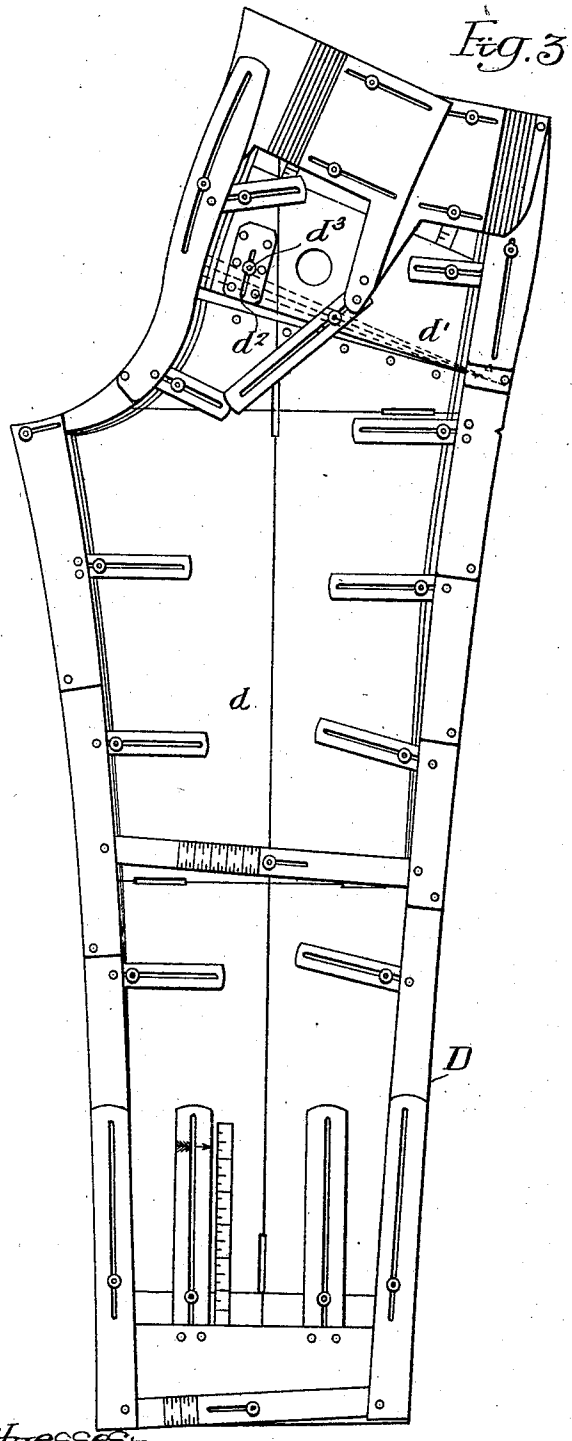
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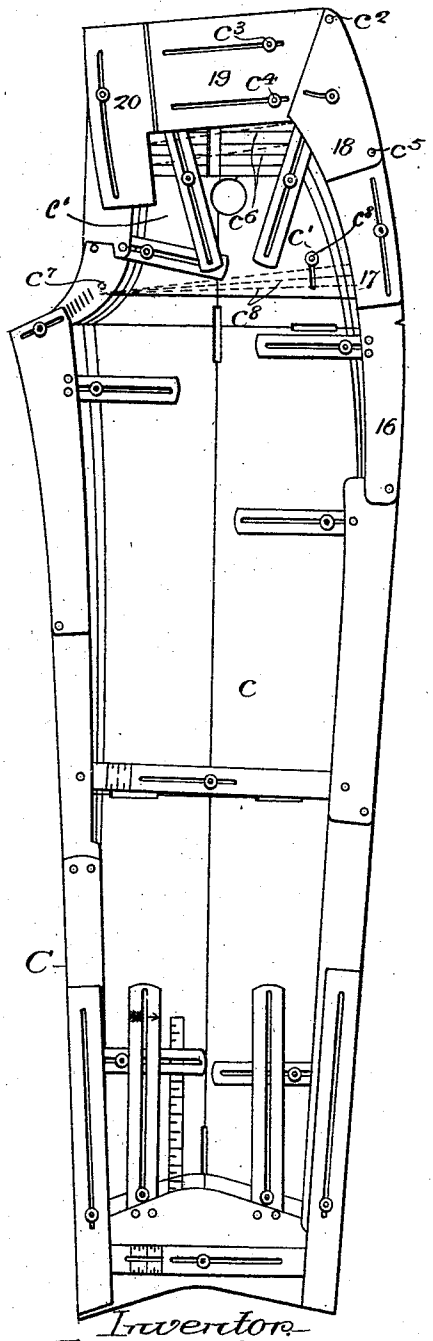
2 SHEETS—SHEET 2.

Fig. 3.



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Fig. 4.



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UNITED STATES PATENT OFFICE.

ERICK H. PETERSON, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO SARTORIAL PATTERN CO., OF PHILADELPHIA, PENNSYLVANIA, A CORPORATION OF PENNSYLVANIA.

BLOCK-PATTERN FOR GARMENTS.

No. 928,691. Specification of Letters Patent. Patented July 20, 1909.

Application filed October 2, 1907. Serial No. 395,534.

To all whom it may concern:

Be it known I, ERICK H. PETERSON, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain Improvements in Block-Patterns for Garments, of which the following is a specification.

One object of my invention is to provide an adjustable block pattern for garments made in a number of sections so arranged that their relative positions may be varied to alter the shape of the pattern in accordance with certain variations in the measurements of the individual for whom it is desired to cut garments from said pattern as a guide.

A further object of the invention is to provide a pattern, certain of whose parts can be adjusted to occupy any of a number of positions, and which when so adjusted in accordance with measurements taken from a given person, shall together coöperate to outline a certain portion of a garment so that its various parts will be properly proportioned.

These objects and other advantageous ends I secure as hereinafter set forth, reference being had to the accompanying drawings in which:

Figure 1, represents a plan of a pattern designed to outline the fore part of a coat and illustrating my invention as applied thereto, and Figs. 2, 3 and 4, are plans of patterns designed to outline the back of a coat and the parts of a pair of trousers, showing my invention as applied to these particular structures.

Referring to Fig. 1, of the above drawings, A represents the body portion of a block pattern, which for the most part is constructed as described and claimed in my Patent No. 851,374 dated April 23, 1907; it being provided with a body portion a formed of fiber, sheet metal, or other sheet material and having adjustable edge sections 1, 2, 3, 4, 5 . . . 11, either pivotally or slidably connected together. These sections are so designed as to form a perfect outline for the fore part of a coat having any of a number of possible dimensions between predetermined limits, depending upon the adjustment of the various parts, as clearly set forth in my patent aforesaid.

In order to properly adjust the various edge sections, I place around the edges of the body portion a a number of guide lines a' which usually extend substantially parallel to such edges and are designed to coöperate with the inside edges of the edge sections, for the purpose of giving these any desired positions corresponding to definite dimensions. The various edge sections are retained in any given positions by tightening the heads of thumb screws a^2 which serve to clamp slotted strips a^3 to the body portion, these strips being either pivotally or rigidly connected to the various edge sections 1, 2, 3, 4, etc.

In order that the pattern may be adjustable so that it shall be possible to make its outline conform more perfectly to that required for a number of different sized garments, I divide its body portion into two parts, of which one is pivoted to the other adjacent to an edge thereof; this auxiliary section being indicated at a^4 in Fig. 1. Said section is pivoted to the body at a^5 near one edge thereof by a rivet or the like which also pivotally attaches an edge section 11 hereafter referred to. Said section is provided with a slot a^6 for the reception of a clamping screw a^7 whereby it may be clamped in any adjusted position. There are placed upon the main portion of the body of the pattern a number of lines a^8 radiating from the pivot a^5 as a center and designed to coöperate with the adjacent edge of the auxiliary section a^4 in order that this may be brought to any of a number of positions corresponding to high, low or normal shoulders. It will be seen that this auxiliary section of the body portion has around its edges the extended lines a' which are designed to be used in connection with the inner edges of the edge sections 8, 9, 10 and 11, in order that these may be given any desired positions corresponding to any given dimensions. Of these edge sections, that indicated at 8 is adjustably connected, through the edge section 7, to the main body section a and to the auxiliary section a^4 through the section 9. The section 11, which is pivoted at a^5 to the main body section, is provided with a slotted strip 12 pivotally connected to it and held to said body section in any adjusted position by a clamping screw passing through its slot; it being also adjustably connected to the auxiliary section a^4 through the edge section 10. Similarly, the pattern for the back part of the coat, illustrated at B in Fig. 2, is provided with a main body part b and an auxiliary body section b' of

segmental shape which is pivoted to it adjacent to one of its edges. As in the case of the fore part of the coat, there are a series of guide lines b^2 radiating from the point of pivotal connection between the parts b and b', and there are also edge strips 13, 14 and 15 adjustably connected to each other, the section 14 being connected to the main body part b through its adjustable edge strip, while the section 15 is both adjustably and directly connected to said main portion. All of said strips are adjustable relatively to the auxiliary body portion b'. Again, in Fig. 3, which illustrates the pattern D for the back portion of a pair of trousers, there is pivoted to the body portion adjacent to one of its edges an auxiliary body section d', which is slotted at d^2 for the reception of a clamping screw d^3 and has upon it adjustable edge sections, of which certain are adjustably attached both to it and to the main body section d. Similarly, in Fig. 4, I have illustrated the pattern C for the front portion of a pair of trousers and this has a main body portion c and an auxiliary body section c' pivoted to it at c^1 near one edge of the pattern. The auxiliary section may be clamped in any adjusted position by means of the screw which passes through a suitable slot in it. As before, there are a number of adjustable edge sections 16, 17 . . . 20 of which the section 19 is pivoted to the section 18 at c^2 and is connected to the section 20 by means of two screws c^3 and c^4, which are movable in slots formed in the section 19. In addition to the above, the sections 17 and 18 are connected by a pivot c^5 adjacent to their outer edges; the slot in the section 20 being so placed relatively to its pivot as to permit movement of the sections 18, 19 and 20 as a whole on said pivot in order that they may be adjusted to adapt the pattern for different heights of the top edge, as determined by guide lines c^6 at the top of the body auxiliary portion c' of this pattern. Guide lines c^8 radiating from the pivot c^7 are so placed on the body portion as to coöperate with the adjacent edge of the part c' to determine its position.

In each instance it will be seen that the various patterns are provided with a segmental auxiliary body section pivoted to the main body section adjacent to an edge thereof and provided with guide lines preferably on said main body section so placed as to cooperate with the adjacent edge of said auxiliary section so that this latter may be given any of a number of positions corresponding to possible variations in the overall dimensions of the pattern. Moreover, it will be noted that the main and the auxiliary body sections are provided with adjustable edge sections whose inner edges are shaped to conform to guide lines on said body portion; there being in each instance certain of the edge sections which are adjustably connected to both of the body portions.

I claim:—

1. A pattern consisting of main and auxiliary body portions of sheet material, of which the auxiliary portion is pivotally connected to the main portion, and adjustable edge sections for said body portions, certain of said sections being attached to both of the body portions.

2. A pattern having a main body portion and a segmental auxiliary body portion pivoted to said main portion adjacent to one edge, means for retaining the auxiliary body portion in any adjusted position relatively to the main body portion, and adjustable edge sections for said two body portions.

3. The combination in a pattern of a main body portion, with an auxiliary body portion pivoted to the main portion adjacent to one edge thereof, there being guide lines on the edges of the body portions substantially parallel to said edges, and adjustable edge sections for the pattern constructed and arranged with their inner edges placed to cooperate with the guide lines to give a desired outline to the pattern, certain of said edge sections being adjustably connected both to the main body portion and to the auxiliary body portion.

4. The combination in a pattern of a main body portion, an auxiliary body portion pivoted to the main portion adjacent to one edge thereof, there being guide lines on the edges of the body portions substantially parallel to said edges, and adjustable edge sections for the pattern constructed and placed with their inner edges in position to cooperate with the guide lines to give a desired outline to the pattern, certain of said edge sections being adjustably connected both to the main body portion and to the auxiliary body portion, with guide lines on one of the body portions arranged radially to the pivot between said portions so as to coöperate with the edge of the other body portion to indicate the position thereof.

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

ERICK H. PETERSON.

Witnesses:
WILLIAM E. BRADLEY,
JOS. H. KLEIN.