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562,140

(No Model.)

2 Sheets—Sheet 1.

E. F. McCARTNEY.  
BICYCLE SKIRT.

No. 562,140.

Patented June 16, 1896.

Fig. 1.

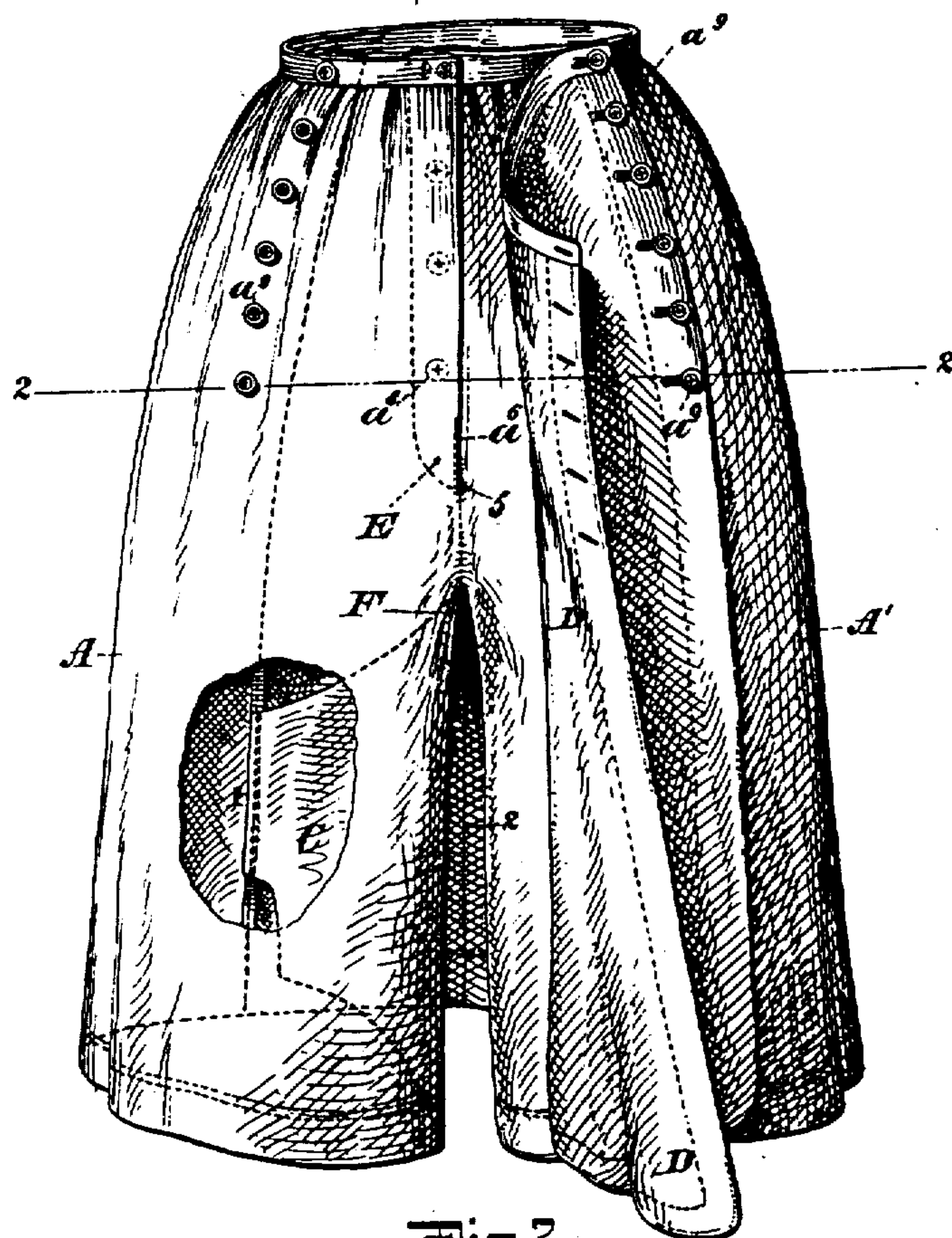
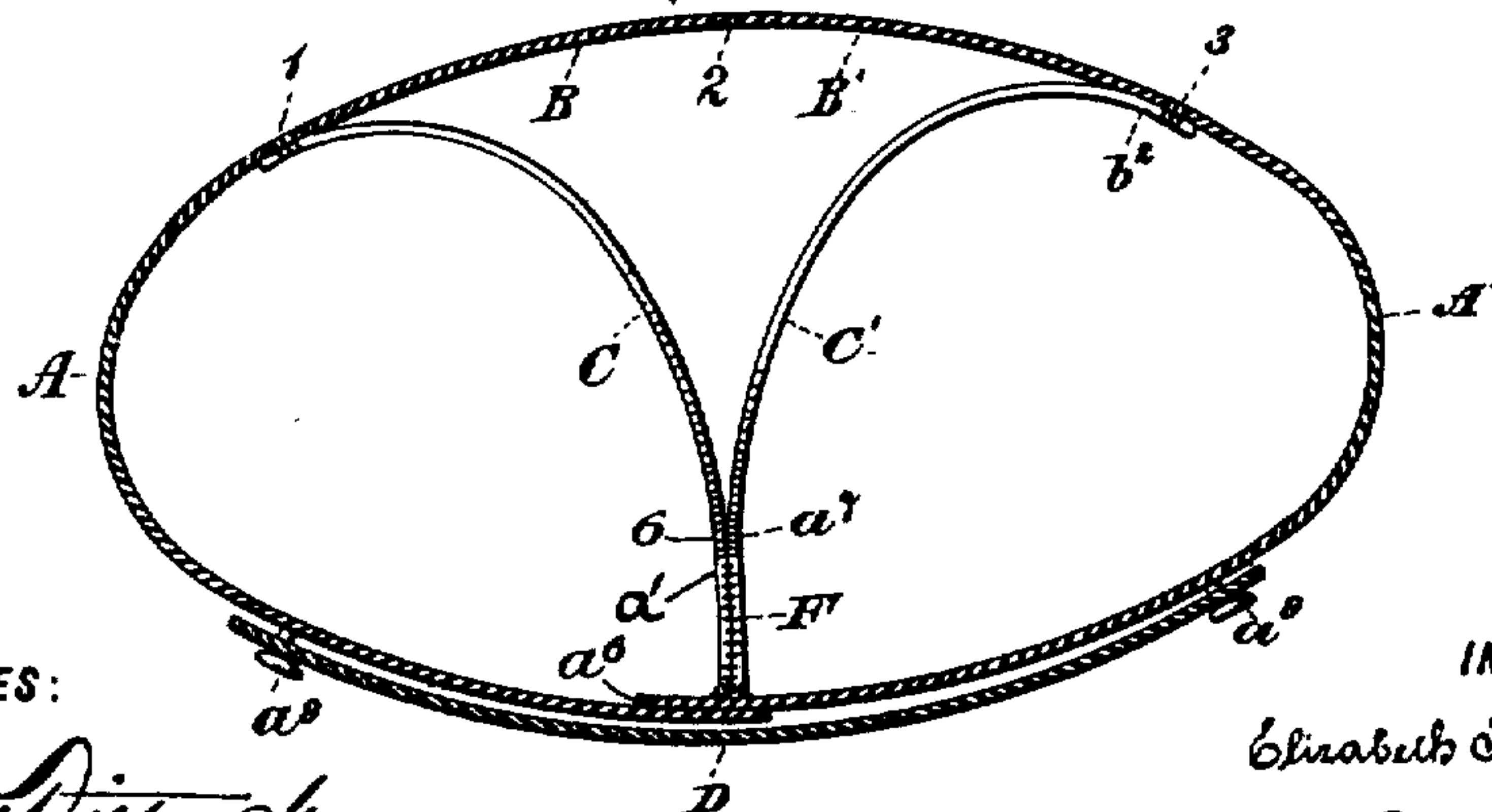


Fig. 2.



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ATTORNEYS.

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2 Sheets—Sheet 2.

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Fig. 3.

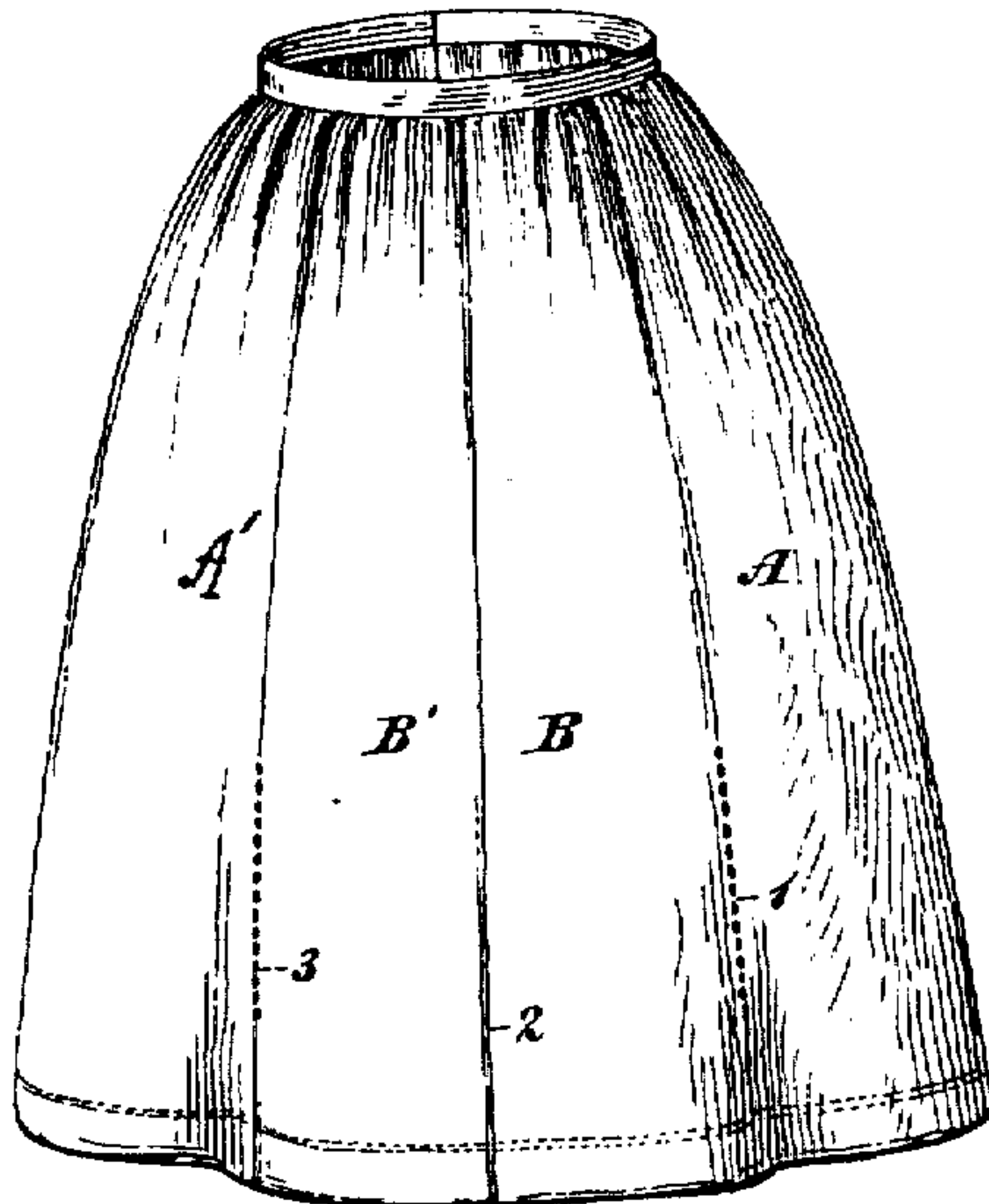
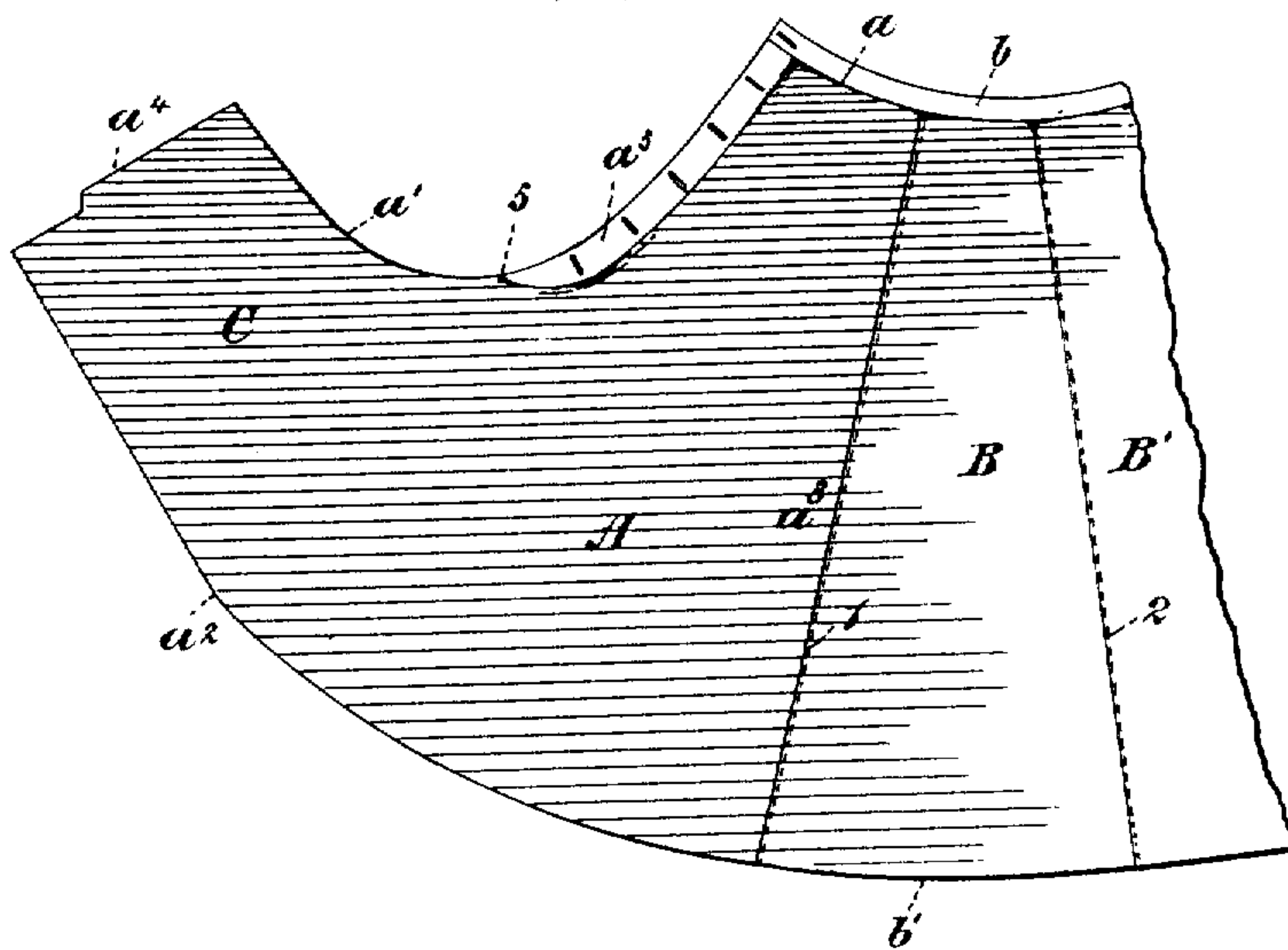


Fig. 4.



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# UNITED STATES PATENT OFFICE.

ELIZABETH F. MCCARTNEY, OF NEW YORK, N. Y.

## BICYCLE-SKIRT.

SPECIFICATION forming part of Letters Patent No. 562,140, dated June 16, 1896.

Application filed January 15, 1896. Serial No. 575,651. (No model.)

*To all whom it may concern:*

Be it known that I, ELIZABETH F. MCCARTNEY, a resident of the city, county, and State of New York, have invented certain new and  
5 useful Improvements in Bicycle-Garments, of which the following is a specification.

My invention relates to garments which are colloquially termed "bicycle-skirts;" and it consists in the construction hereinafter set  
10 forth and claimed.

My invention will be understood by referring to the accompanying drawings, in which—

Figure 1 is a front perspective view of a garment embodying my invention, the said  
15 view being broken away to clearly show the interior construction thereof and also opened out or distended for the same purpose. Fig. 2 is a section on line 2 2 thereof. Fig. 3 is a rear perspective view of the garment, and  
20 Fig. 4 is a pattern of one of the duplicate sections which constitute the garment.

Referring particularly to Fig. 4, A is a side breadth or pattern of the garment. The top  
25 edge  $a$  of this side breadth or pattern forms part of the waist of the garment. Contiguous to this edge are upper and side edges  $a'$  and  $a^5$ , which, with other analogous edges of the other side breadth, form the crotch and the fly of  
30 the garment, as will be hereinafter set forth. Opposite to the top edge  $a$  of this breadth A is a lower ogee edge  $a^2$ , which, when the breadths are joined, as will be hereinafter set forth, forms the bottom of the garment. The  
35 edges  $a$  and  $a^2$  are joined by the radial edge  $a^3$ , and the edges  $a'$  and  $a^2$  are joined by the notched edge  $a^4$ . Contiguous to the side breadth A is the breadth or pattern B, which is shown as of the form of a quadrilateral of the general configuration of a truncated isos-  
40 celes triangle, and forms with a similar breadth the back breadth of the garment, as will be set forth. The upper edge  $b$  of this breadth is curved slightly, as is also the lower edge  $b'$ .

45 It will be observed that the portion C of the side breadth or pattern A, which is bounded by the upper edge  $a'$  and lower edge  $a^2$  and the stepped edge  $a^4$ , is of less height than the main portion of the side breadth A between the  
50 edges  $a$  and  $a^2$ , and constitutes a tongue or projection of the bottom of the side breadth A. In making up the garment the tongue C

is brought around into what is to be the interior of the completed garment and entered into the seam 1, which joins the breadths A  
55 and B. This is clearly shown in Fig. 1, wherein it will be noted that this tongue C forms a tubular member with the side breadth A and constitutes a sort of trousers-leg. As will be observed, this trousers-leg extends upward  
60 only a short distance from the bottom of the garment, and serves to receive the leg of a wearer. This trousers-leg with the breadth B constitutes one half of the garment, the side  
65 curved edge  $a^5$  being supplied with buttonholes forming one member of a fly, the other member being formed by an edge containing buttons, as will be hereinafter set forth.

The remaining half of the garment is constructed of a breadth B' similar to B, the two  
70 constituting the back breadth of the garment, as aforesaid, and a side breadth A' and tongue C', similar to the breadth and tongue A C, the breadths A' and B' being joined by a seam  
75 3, (see Fig. 2,) and the free edge  $b^2$  of the tongue C' being secured in this seam 3 in a similar manner to the tongue C. It will be observed that the two garment-sections are  
80 similar. The breadths B and B' are secured together by a back seam 2. (See Figs. 2 and 4.) The tongue C' has an edge  $a^6$ , (see Fig. 1,) which is provided with buttons  $a^8$ , cooperating with the buttonholes on the edge  $a^5$  of the  
85 breadth A to form a fly E (see Fig. 1) to close the front of the garment. The tongue C has also an upper edge  $a^7$ , which is sewed to the upper edge  $a'$  of the tongue C from the base  
90 5 of the fly for a short distance rearwardly, say about to the point 6 of the said edge  $a'$ , (see Fig. 2,) to form a crotch F, the remainder of the upper edges  $a'$  and  $a^7$  between the point  
95 6 and the seams 1 and 3 being free or unattached edges. Thus, when the fly is buttoned up, the garment has in front the appearance of a divided skirt and is closed in the back.  
100 It has been found desirable, however, to supplement the appearance of the front of the garment by a supplementary section or apron D, which may be secured to the front of the garment by buttons  $a^9$  or other suitable fastenings. This supplementary section or  
apron is desirable when riding against a wind, in order to preserve the continuity of appearance of the skirt. When worn on the wheel,

the skirt will hang well without any unnecessary fullness to catch or draggle. This is especially desirable, for the reason that the motion of the crank will be free and unimpeded, the designed result being furthered by the fact that the tongues C C' being sewed into the back of the skirt, as shown in Figs. 1 and 2, when the knee rises it will carry with it the front leg or trousers portion and will thereby bring the back breadth forward as it moves, so that the knee action will serve to clear the skirt from the pedals, a highly desirable result.

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

A bicycle-garment having the appearance of a combined skirt and trousers, closed at the back and divided in front, comprising a back breadth, combined side sections and trousers-legs secured thereto and forming the

front of the garment, comprising the side breadths A A', a tongue projecting from each side breadth and extending upward from the bottom thereof for a portion only of the height of the said side breadths, and having their free ends secured to the interior of the garment at the back thereof for a portion only of the height of the said garment, the said tongues having upper edges  $a'$   $a'$  respectively, the said upper edges being secured together from the base of the fly rearwardly for a portion only of their extent to form a crotch, leaving the remainder of their extent free or unattached to the sides of the garment, substantially as and for the purposes set forth.

ELIZABETH F. MCCARTNEY.

Witnesses:

GEORGE MORSE,  
HARRY M. TURK.