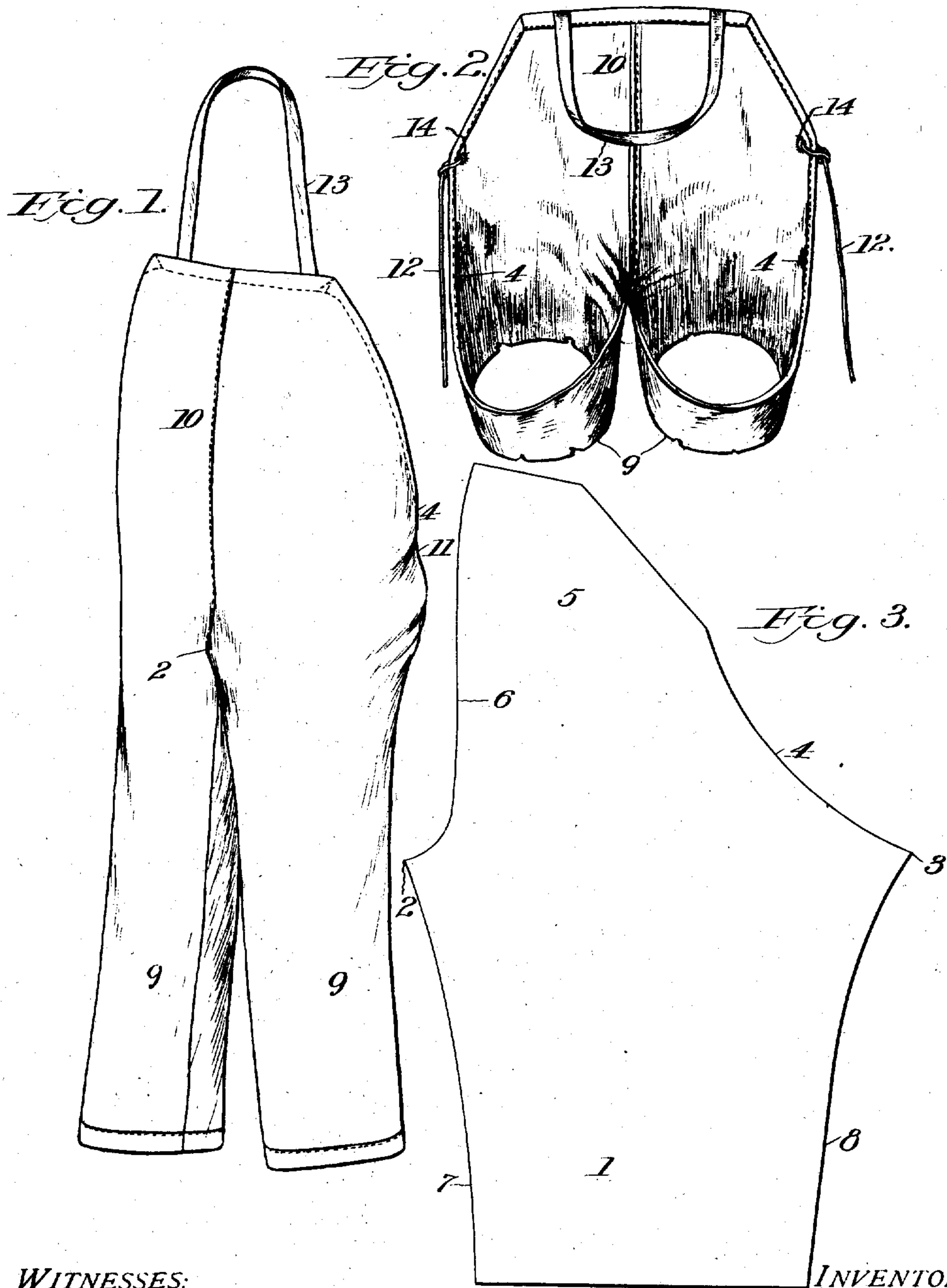


No. 897,445.

PATENTED SEPT. 1, 1908.

C. W. BARTRUM.  
APRON.

APPLICATION FILED APR. 17, 1905.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

CHARLES W. BARTRUM, OF NEWBURGH, NEW YORK, ASSIGNOR TO SWEET, ORR & COMPANY,  
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## APRON.

No. 897,445.

Specification of Letters Patent.

Patented Sept. 1, 1908.

Application filed April 17, 1905. Serial No. 256,072.

*To all whom it may concern:*

Be it known that I, CHARLES W. BARTRUM, a citizen of the United States, residing at Newburgh, in the county of Orange and State of New York, have invented a certain new and useful Improvement in Aprons, of which the following is a full, clear, and exact description.

Operating surgeons wear over their ordinary garments a suit of some sort for protection, and where the operation to be performed is likely to involve a considerable quantity of fluid, it is usual to wear between the suit and the over-garment a rubber or other impervious apron in a solid piece, more or less clumsy and ill-fitting.

The primary object of the present invention is to provide a surgeon's operating apron fitting to the form, easily applied and removed, and leaving to the limbs and body perfect freedom of movement.

The invention consists of an apron, of cloth, or impervious or waterproof material, having legs, a front bib, an open back, and back-ties, constructed and arranged as hereinafter set forth and claimed, so that the wearer may readily slip it on and adjust it nicely to the person, and have perfect freedom of movement and as readily slip it off.

In the accompanying drawings illustrating the invention, in the several figures of which like parts are similarly designated, Figure 1 is a perspective or three-quarters view. Fig. 2 is a top plan or rear perspective, the legs broken away. Fig. 3 is a diagram of the pattern.

A piece of suitable impervious or waterproof material is cut to the shape shown in Fig. 3, with a lower portion 1, two fork-points 2 and 3, rear slope 4 extending to the fork-point 3 and upper portion 5, whose front edge 6 extends to the front fork-point 2. This piece is folded upon itself and its edges 7 and 8 seamed up to the fork-points to form a leg 9, Figs. 1 and 2, with the fork-points in front, and the seam on the inside of the leg. Another similar piece is similarly prepared, and these two are united along their fork-points to close in the front crotch, and are also united along their front edges 6 to form the bib 10, which slopes away rearwardly over the hips at 11, and is open be-

hind, as shown in Figs. 1 and 2. This open rear portion extends the full width of the garment and from the crotch upward. In order to adjust the garment to the person, tie cords 12 are fixed at the waist line, and tied behind, and in order to support the bib it may be provided with a neck-loop 13. As shown in Fig. 2, the tie cords 12 are detachably secured in worked eyelet holes 14 at the tops of the slopes 4, and, further, there are no buttons or buttonholes employed in the garment, and these features result respectively in enabling the wearer to cause the fork-points to conform to the person, and effect an economy in materials, labor and in laundering. By means of the front fork-points the garment is shaped to the crotch and thus the garment is made to conform to the wearer's clothed person and fully protects his clothing from being fouled, and at the same time the wearer's limbs and body at the hips have perfect freedom of movement. As already sufficiently indicated, the apron may be slipped over the outer garments, and over it may be applied the operating suit if desired.

I am aware that overalls composed of leg portions and a bib have been proposed, and also a combined apron and overalls has been devised, the latter being secured by straps and buttons, but I am not aware that prior to my invention it has been proposed to make an apron of complete leg-sections and a bib, shaped to fit to the person and adapted to be adjusted about the waist, so as to protect the person's clothing from fluids.

While my invention, as already stated, is primarily designed for a surgeon's use, it is not limited thereto, since it is equally useful where it is desired to protect the clothing from fouling by one's occupation, and at the same time permit perfect freedom of movement in a garment fitting to the person in front and open and free in the rear.

What I claim is:—

An apron, comprising essentially two pieces, each composed of the integral lower portion 1, having the two fork-points 2 and 3 by means of which the garment is shaped to the crotch and made to conform to the wearer's person, the rear slope 4 extending from the waist line to the fork-point 3 and supplied with rear ties, and the upper portion 5, these



two pieces united substantially as shown and forming legs 9, and a bib 10, and open behind the full width from crotch upward, whereby the apron is accurately fitted about the person, fully protects the wearer in front, and being open in the rear allows perfect freedom of movement of the person.

In testimony whereof I have hereunto set my hand this 14th day of April A. D. 1905.

CHARLES W. BARTRUM.

Witnesses:

J. H. ROY,  
W. J. GIDLEY.