

(No Model.)

A. J. HISCOTT.  
DRESS SHIELD.

No. 338,745.

Patented Mar. 30, 1886.

FIG. 1.

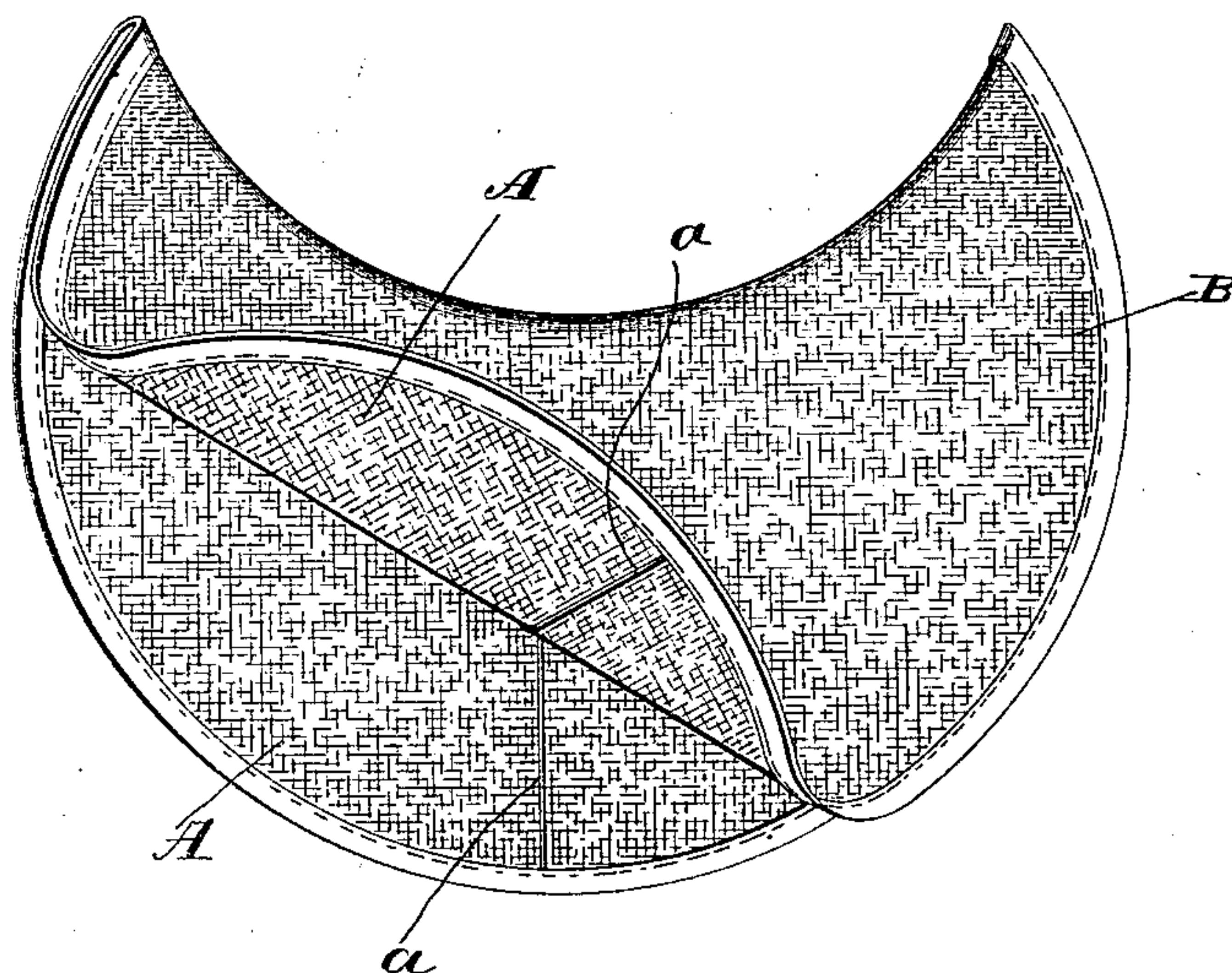
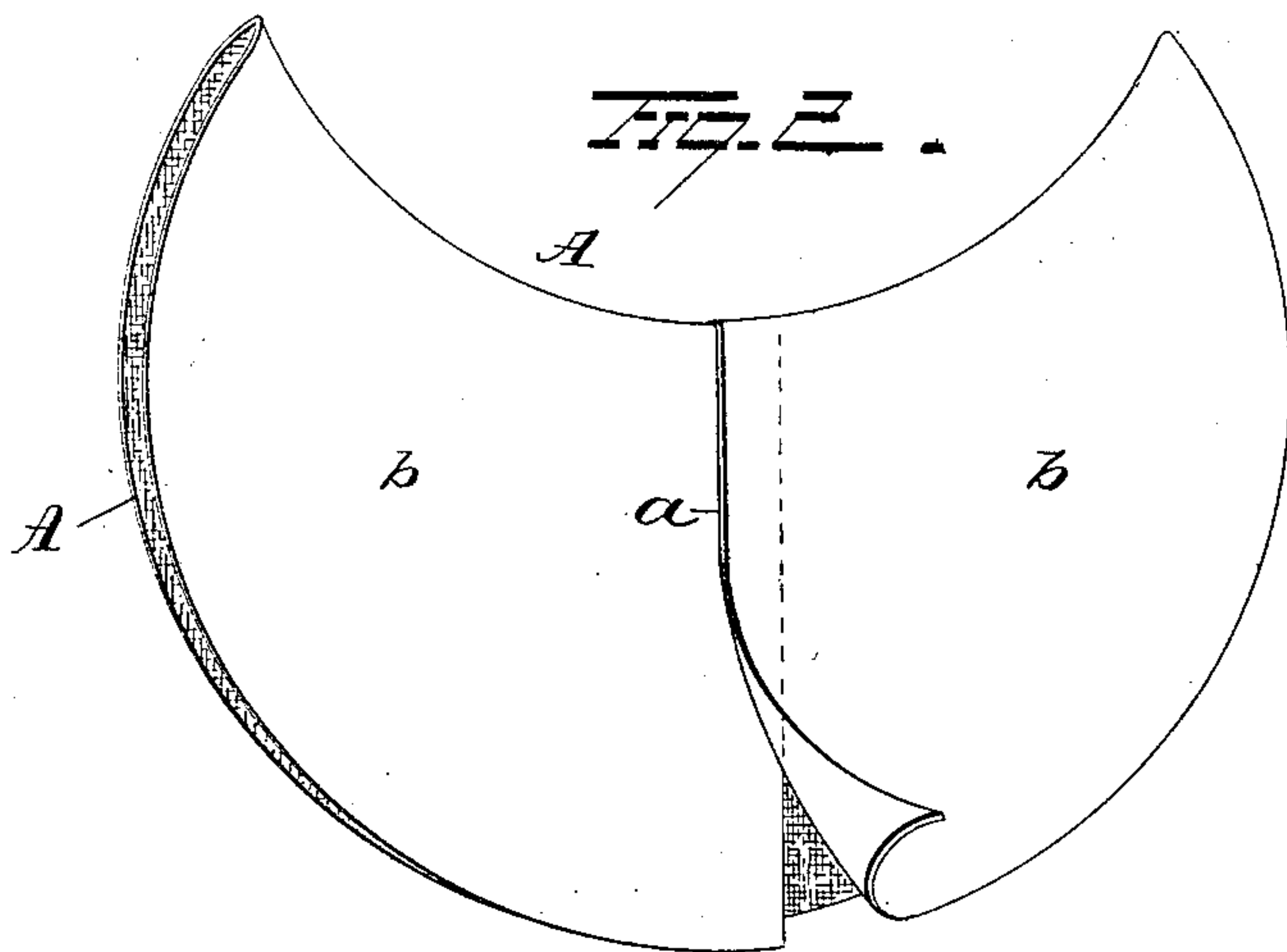


FIG. 2.



WITNESSES

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# UNITED STATES PATENT OFFICE.

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## DRESS-SHIELD.

SPECIFICATION forming part of Letters Patent No. 338,745, dated March 30, 1886.

Application filed June 12, 1885. Serial No. 168,515. (No model.)

*To all whom it may concern:*

Be it known that I, ALVA J. HISCOTT, of Bridgeport, in the county of Fairfield and State of Connecticut, have invented certain  
5 new and useful Improvements in Dress-Shields; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use  
10 the same.

My invention relates to an improvement in dress-shields.

Hitherto dress-shields have been constructed consisting of an outer and inner layer of some  
15 pliable fabric, having a layer of water-proof material located between the two layers of the fabric, the two half-sections composing the shield being united by a seam extending longitudinally along the fold, either in the angle  
20 of the same or a short distance to the right or left therefrom. A seam running in the above direction, whether it be prominent or only slightly stiffer than the remaining portions of the shield, extends, when the shield is in position, transversely across the larger veins and  
25 artery of the arm, and has the effect of stopping the free circulation of the blood to a greater or less degree, depending upon the snugness with which it fits.

30 Although the seamless dress-shield in common use is free from the objectionable results arising from such obstruction, it is nevertheless desirable in some instances to provide for utilizing the smaller pieces of stock.

35 The object of my present invention is to provide a shield free from the objections above noted, which shall present a soft even surface to the body of the wearer and yet enable the manufacturer to economize stock; and with  
40 these ends in view my invention consists in a dress-shield in which the seam connecting the half-sections of one or more layers runs transversely to the length of the fold.

My invention further consists in certain  
45 features of construction and combinations of parts, as will be hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view of the shield in perspective, showing  
50 one of the layers partly turned back; and Fig. 2 is a view of the inner face.

A represents the inner layer, and B represents the outer layer.

The inner layer, A, consists of muslin, linen, flannel, woolen cloth, silk, stockinet, 55 or other suitable fabric. Stockinet is preferred, as it possesses the elastic, soft, and absorbent properties which tend to make the shield readily adjust itself to the different motions of the body, prevent irritation of the  
60 skin, and take up the perspiration as it exudes from the skin. It is cut in two sections, which are united by a seam, *a*, running transversely to the fold of the shield, and preferably about midway between its ends. These 65 sections are provided with a gummed or water-proof surface, *b*, on the side toward the outer layer, B. The sections may have the water-proof material applied either before or after they are united, and the sections may be  
70 pressed into the desired shape either before or after they are united. When shaped, it is desirable that the rubber water-proof coating should be exposed to the action of heat for the purpose of vulcanizing it, and thereby setting 75 the shape of the fold.

The outer layer, B, consists, preferably, of a seamless piece of stockinet, although other kinds of fabric might be used. The layer B is pressed into the shape it is destined to have 80 to conform to the layer A, and is then secured to the gummed surface of A either by pressure or stitching, as may be found desirable.

The shield as thus constructed presents an even seamless surface to the body of the wear- 85 er, and if the seam *a* can be felt in a slight degree through the inner layer its direction relatively to the veins and artery will be such that it will not tend to choke them enough to injure the circulation. 90

The outer layer of the shield might be formed of two pieces similar to that described for the inner layer, the rubber might be applied thereto and the inner layer formed seamless; or the rubber might be applied to the 95 outer seamless layer and the inner layer formed as described, or both layers might be formed with a transverse seam.

Having fully described my invention, what I claim as new, and desire to secure by Letters 100 Patent, is—

1. A dress-shield consisting of an outer layer

and inner layer of suitable fabric and a layer of water-proof material on the face of one of the layers, one of the layers having a seam running transversely to the length of the fold, 5 substantially as set forth.

2. A dress-shield consisting of an outer layer of stockinet and inner layer of suitable fabric and a film or layer of water-proof material located between the two layers, the inner layer 10 being formed in two sections united by a seam

extending transversely to the length of the fold, substantially as set forth.

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

ALVA J. HISCOTT.

Witnesses:

D. M. BALDWIN,  
RATCLIFFE HICKS.