(No Model.)

T. WHITE.

DRESS SHIELD.

No. 371,236. Patented Oct. 11, 1887.

Fig. 1.

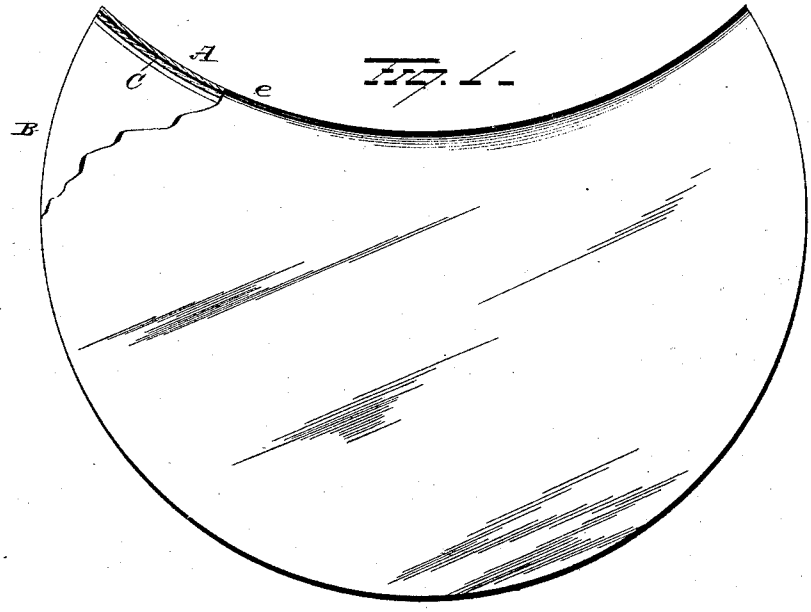
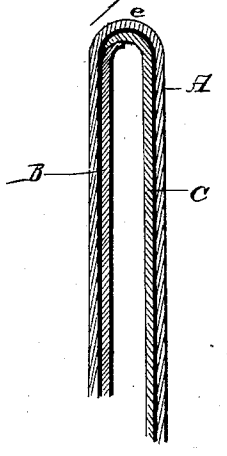


Fig. 2.



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UNITED STATES PATENT OFFICE.

THOMAS WHITE, OF NEW YORK, N. Y., ASSIGNOR TO THE CANFIELD RUBBER COMPANY, OF SAME PLACE.

DRESS-SHIELD.

SPECIFICATION forming part of Letters Patent No. 371,236, dated October 11, 1887.

Application filed May 1, 1885. Serial No. 164,082. (No model.)

To all whom it may concern:

Be it known that I, THOMAS WHITE, a subject of the Queen of Great Britain, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Dress-Shields, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to an improvement in dress shields; and it consists in certain novel features of construction whereby various important advantages are gained, as hereinafter described.

In the accompanying drawings, Figure 1 is a view in side elevation of a shield containing my invention, and Fig. 2 is a view in cross-section thereof.

The shield is composed of three pieces of fabric, A B C, the whole being of a double-crescent form and folded on the line of the concave edge *e* of the crescent. The piece or layer A of fabric is continuous as to the area of the shield, and constitutes the outer or exposed portion of the article, while the other or inner layer is composed of two substantially crescent-shaped sections, B C, each being of uniform size, and the area of both being covered by the outer continuous layer, A, the three parts A B C composing the shield being united by applying thereto a coating of adhesive substance—such as india-rubber—in such a manner as to meet substantially on the line of the division of the double crescent, which is the line of the fold *e*, the meeting edges of the two substantially crescent-shaped sections B C being preferably overlapped, as shown in Fig. 2.

In carrying out my invention, I stretch the outer layer, A, over a form of the required shape, and then, having cut the inner pieces, B C, to the proper outline, unite the same to the outer layer, A, in the manner above stated—namely, while it is upon the form. I then remove the shield thus obtained from the form, turn the edges, and reverse it, when the shield is ready for use or further manipulation.

The fabric used in the manufacture of the shield may be stockinet, and the adhesive substance employed between the inner and outer layer for uniting them may be india-rubber, in which case the shield should be cured or vulcanized after it has been taken from the form. Other fabrics and adhesive water-proof substances may, however, be used without departing from the spirit of my invention. It will be noticed that by employing two inner sections, B C, the shield is re-enforced to a material extent, and especially on the line of the fold *e*, due to the meeting of the pieces named on such line, and hence the shield is not liable to lose its shape.

Again, by making the inner layer of the shield of two pieces, scraps of material which would otherwise be useless can be utilized in making the shields.

It is evident that slight changes in the construction of the shield might be resorted to without departing from the spirit of my invention; hence I would have it understood that I do not confine myself to the exact construction shown and described, nor any particular manner of manufacturing the parts during the process of manufacture, but consider myself at liberty to make such changes and alterations as fairly fall within the spirit and scope of my invention.

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

1. A dress-shield consisting, essentially, of an inner layer composed of two substantially crescent-shaped pieces of cloth firmly united together and having one side thereof coated with a water-proof composition, and an outer layer formed of a single piece and secured to the inner layer, substantially as set forth.

2. A dress-shield composed of an outer layer, A, of double-crescent shape and two substantially crescent shaped sections, B C, composing the inner layer, united to the outer layer by an adhesive substance throughout the area thereof, the said sections B C meeting substantially in the line of the division of said double crescent, as shown and described.

3. A dress-shield consisting, essentially, of an inner layer composed of two substantially crescent-shaped pieces of cloth firmly secured together and having one side thereof coated with a water-proof composition, and an outer layer formed of a single piece and secured at its edge to the edge of the inner section.

In testimony whereof I affix my signature in presence of two witnesses.

THOMAS WHITE.

Witnesses:

FRANCIS CLARE BOWEN.

JAS. S. EWBANK.