

No. 708,317.

Patented Sept. 2, 1902.

L. H. CATZEN.

SHIELD FOR PERSONAL WEAR.

(Application filed Apr. 17, 1902.)

(No Model.)

Fig. 1.

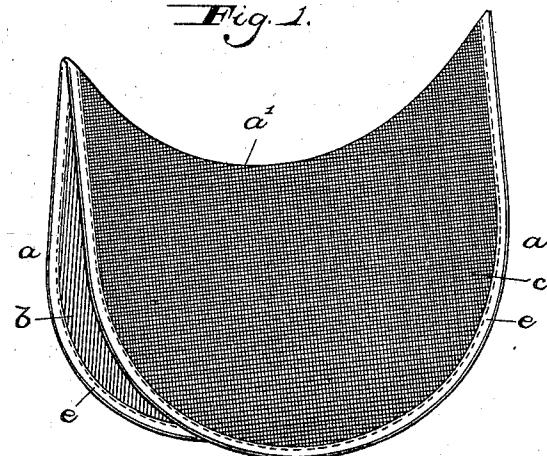


Fig. 2.

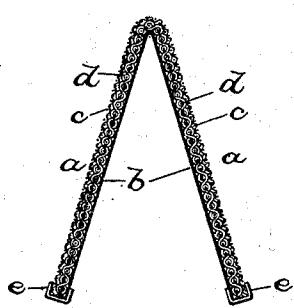
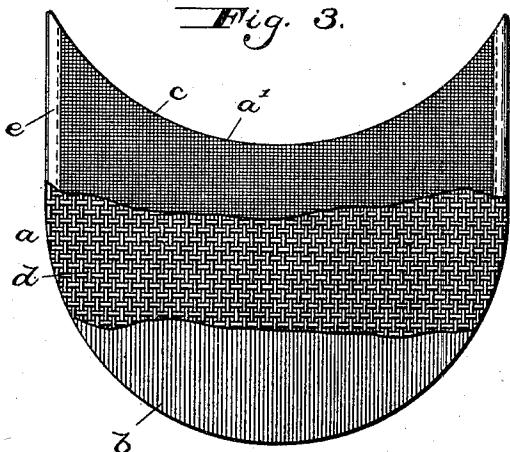


Fig. 3.



Witnesses.

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# UNITED STATES PATENT OFFICE.

LILLIE H. CATZEN, OF BALTIMORE, MARYLAND.

## SHIELD FOR PERSONAL WEAR.

SPECIFICATION forming part of Letters Patent No. 708,817, dated September 2, 1902.

Application filed April 17, 1902. Serial No. 103,261. (No model.)

*To all whom it may concern:*

Be it known that I, LILLIE H. CATZEN, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented 5 certain new and useful Improvements in Shields for Personal Wear, of which the following is a specification.

This invention relates to improvements in that class of shields for personal wear which 10 are designed to protect the garments from perspiration and to avoid chafing resulting from perspiration or from constant rubbing of a person's limbs against each other or against an article of apparel.

15 The object of the invention is to provide an improved shield of this character adapted to carry a quantity of toilet powder which it will disseminate while in use from all points of its surface to the wearer's skin, thereby absorbing 20 the perspiration and avoiding the disagreeable odor and other effects of perspiration.

The invention consists in certain constructions of parts hereinafter fully described and 25 claimed, reference being had to the accompanying drawings, in which the invention is illustrated as embodied in a dress-shield, and in which—

Figure 1 is a perspective view of the shield. 30 Fig. 2 is a transverse sectional view thereof. Fig. 3 is a face view with parts broken out to illustrate the three plies of which the shield is composed.

My improved shield comprises in this instance two substantially crescent-shaped parts or members *a*, united in any suitable manner along their concave edges *a'*, whereby to form a two-part dress-shield intended for attachment to the lower edge of the arm-hole of a dress-body or similar outer garment, with one part lying inside the sleeve and the other part lying between the dress-body and the corset-cover or similar undergarment. Each of said parts or members *a* comprises 45 three plies, to wit: first, a ply *b*, intended to lie against the dress-body and consisting of waterproof material, such as oil-silk, nursery-cloth, or the like; second, a ply *c*, which is a

woven fabric of open mesh to lie against the wearer's skin or against the adjacent under-garment, and, third, an intermediate ply *d* of relatively coarse fabric—such as woolen knitted goods, flannel, or any similar fabric of a cellular or foraminous nature—adapted to hold or carry toilet powder in its pores or interstices, which toilet powder will be disseminated while in use through the open-mesh ply *c* to the wearer's skin, with which it may be in contact. The said three plies are secured together at their margins by a binding 50 or hem *e*, as shown. By this construction of parts it is manifest that the waterproof ply *b* will effectually prevent perspiration from coming in contact with the outer garment and that the intermediate ply *d*, being a comparatively coarse fabric, will hold a storage of 55 toilet powder sufficient to last a considerable time, which powder will sift through the open fabric *c* to the skin, thereby absorbing perspiration. The said ply *c* should be soft, so as 60 not to irritate the skin, and at the same time it prevents the powder from being extracted in such quantity as to waste the powder.

While the invention is here particularly illustrated and described as applied to a dress-shield intended to be used for the armpit, it 65 is to be understood that the invention is also applicable as a shield for other parts of the body—for instance, the inner side of the thigh.

Having thus described my invention, what 70 I claim is—

As a new article of manufacture, a shield for personal wear, comprising three superposed plies, namely, a ply of waterproof material, a 75 ply of open-mesh fabric, and an intermediate ply of coarse-mesh fabric of sufficiently cellular nature to hold in its interstices a quantity of toilet powder and all three plies bound around their marginal edges, as and for the purpose set forth.

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

LILLIE H. CATZEN.

Witnesses:

CHARLES L. VIETSCH,  
FREDERICK S. STITT.