

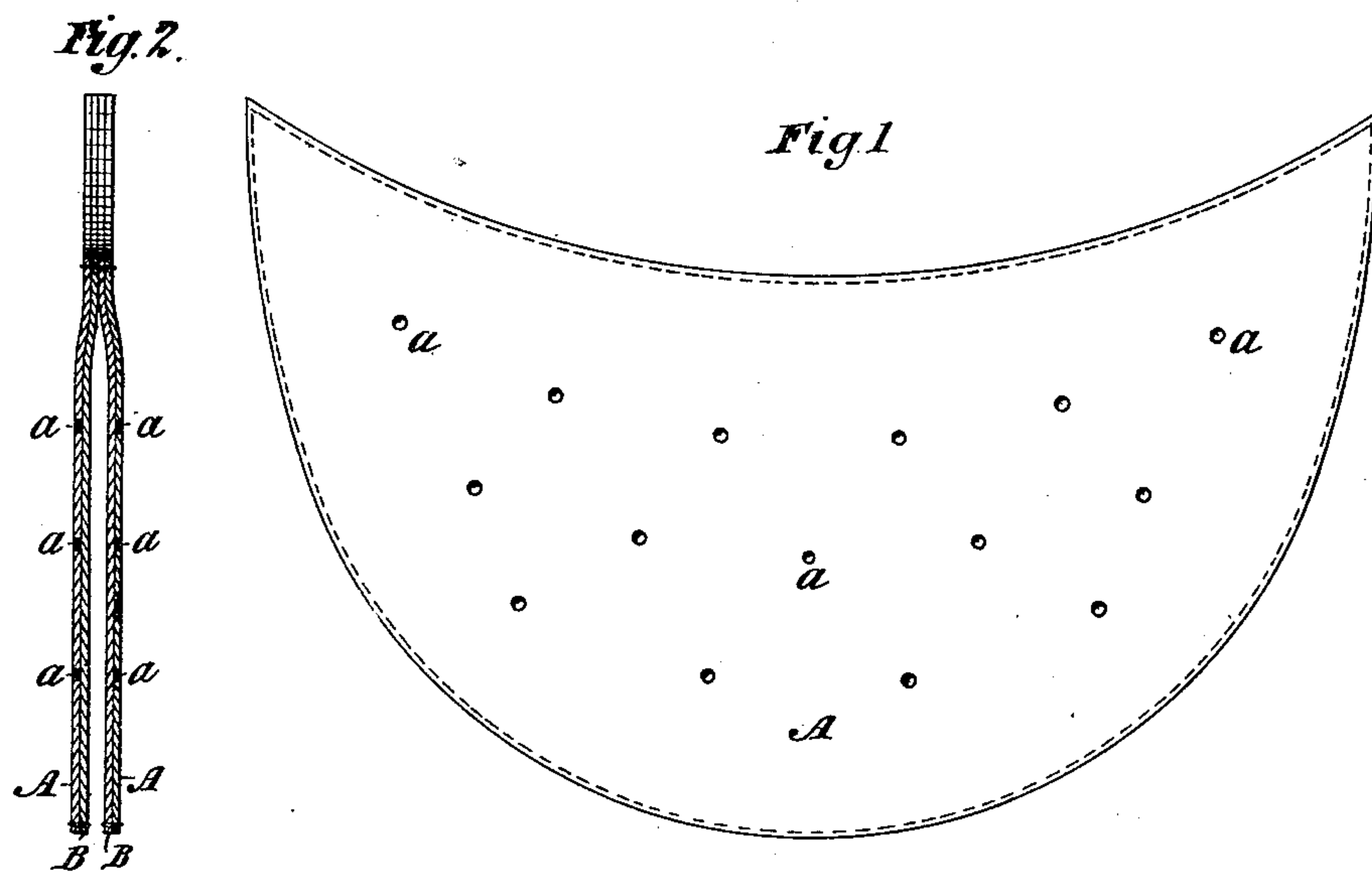
(No Model.)

W. SACHS.

GUSSET FOR THE ARMHOLES OF GARMENTS.

No. 329,595.

Patented Nov. 3, 1885.



Witnesses  
Amos D. Woodward  
J. R. Bowen

Inventor  
William Sachs  
by his attorneys,  
Gifford & Brown

# UNITED STATES PATENT OFFICE.

WILLIAM SACHS, OF BERLIN, GERMANY.

## GUSSET FOR THE ARMHOLES OF GARMENTS.

SPECIFICATION forming part of Letters Patent No. 329,595, dated November 3, 1885.

Application filed June 22, 1885. Serial No. 169,457. (No model.) Patented in Belgium November 11, 1880, No. 53,001; in France November 20, 1880, No. 139,753; in Austria-Hungary January 29, 1881, No. 35,063 and No. 2,615; in Germany February 8, 1881, No. 12,688, and in England March 29, 1881, No. 1,377.

*To all whom it may concern:*

Be it known that I, WILLIAM SACHS, a subject of the King of Prussia, residing at Berlin, in the Kingdom of Prussia, German Empire, have invented a certain new and useful Improvement in Gussets for Armholes of Garments, of which the following is a specification. Said improvement has been patented to me, in so far as the same is covered by Letters Patent, in the following countries, to wit: English patent, March 29, 1881, No. 1,377; German patent, February 8, 1881, No. 12,688; French patent, November 20, 1880-'81, No. 139,753; Belgian patent, November 11, 1880-'81, No. 53,001; Austrian patent, January 29, 1881, No. 35,063—880, Tom. 31, Fol. 130; Hungarian patent, January 29, 1881, No. 2,615, Tom. 15, Fol. 130.

I will describe in detail a gusset embodying my improvement, and then point out the novel features in the claims.

In the accompanying drawings, Figure 1 is a side elevation of a gusset embodying my improvement, and Fig. 2 is a vertical section thereof.

Similar letters of reference designate corresponding parts in both figures.

The gusset consists of an inside piece or pieces, B, and outside pieces, A, the former being made of flannel or other suitable absorbing fabric, and the latter being made of a material which I prefer shall be impermeable and water-proof—such, for example, as india-rubber, wax-cloth, oil-cloth, leather, or other analagous substance—but which may be made of any suitable material. The pieces A are perforated by little holes *a*. Through the said holes the air enters into the armhole and counteracts the perspiration, and at the same time the fluid drops of sweat which may occur are absorbed through the holes *a* and dried away in the flannel or absorbent material B. By this means the coat or dress is effectively preserved from being spoiled, and the sweat is considerably reduced by airing. The por-

tions A B of the gusset may also be arranged in a manner that the flannel or other absorbent material B is put outside and the perforated material A inside; or the latter may also be lined on both sides with the flannel or other fabric B. The effect is the same. By the airing of the armhole, effected through the perforations *a*, but little fluid drops of perspiration are produced, and these are absorbed by the flannel or other absorbent material B and dried away there by the admittance of air. These gussets, therefore, are of considerable sanitary utility. All said parts A B have concave upper edges and are connected along said upper edges. The pieces of flannel or other absorbent material are also united to the pieces of perforated material to which they are next adjacent by stitching, pasting, or otherwise along the edges; but they may be so united at other points than along the edges, if desirable.

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

1. A gusset for the armhole of a garment, consisting of one or more pieces of perforated material and one or more pieces of absorbent material, all said pieces having concave upper edges along which they are united, and one or more pieces of the absorbent material being also otherwise united to an adjacent piece or pieces of perforated material, substantially as specified.

2. A gusset for the armhole of a garment, consisting of one or more pieces of perforated impermeable water-proof material, all said pieces having concave upper edges along which they are united, and one or more pieces of the absorbent material being also otherwise united to an adjacent piece or pieces of perforated impermeable water-proof material, substantially as specified.

WILLIAM SACHS.

Witnesses:

B. ROY,  
M. W. MOORE.