March 6, 1928. 1,661,778

J. E. VALENTINE

POWDER PUFF AND METHOD OF MAKING THE SAME

Filed Aug. 19. 1926

Fig. 1.

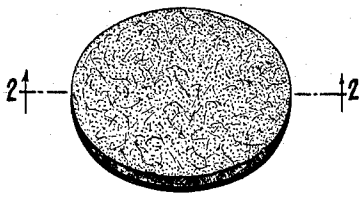


Fig. 2.

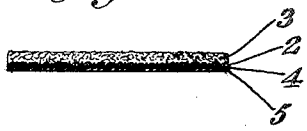
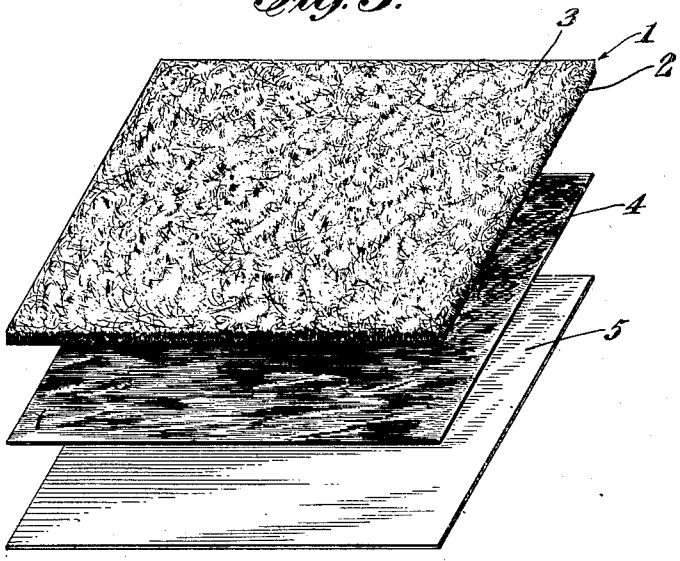


Fig. 3.



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UNITED STATES PATENT OFFICE.

JOSEPH E. VALENTINE, OF PLAINFIELD, NEW JERSEY, ASSIGNOR TO OXZYN COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

POWDER PUFF AND METHOD OF MAKING THE SAME.

Application filed August 19, 1926. Serial No. 130,163.

This invention relates to improvements in powder puffs and method of making the same and the principal object is the provision of such a device which can be made cheaply and sold at a minimum expense.

A further object is the provision of such a device which is impregnated or filled with powder and does not necessitate the user carrying a supply of powder, the device being adapted to be used for a short time and then thrown away. They will serve very well as an advertising medium and as a sample medium, as well as article of commerce to be sold for profit.

A further object is the provision of a device of this kind which while it is cheap to manufacture, still is attractive in appearance.

Another object is the new and improved method of producing such an article.

To the accomplishment of the foregoing and such other objects as may hereinafter appear, this invention consists in the construction, combination and arrangement of parts hereinafter described and then sought to be defined in the appended claims, reference being had to the accompanying drawings forming a part hereof and which show, merely for the purpose of illustrative disclosure, a preferred embodiment of my invention, it being expressly understood, however, that various changes may be made in practice with in the scope of the claims without digressing from my inventive idea.

In the drawings—

Figure 1 represents a perspective view of one of the articles constructed in accordance with my invention.

Figure 2 is a vertical transverse cross section of the same.

Figure 3 is an exploded or dissembled view of the various elements which enter into the making of this article and illustrating the method of manufacture.

In an article of this kind it is very desirable to provide one which contains a maximum quantity of powder or other material so as to be capable of use for a maximum length of time and also which will not be objectionable on account of the powder dropping or scattering from the article. The article is made by providing a body 1 which is known in the trade as eiderdown, being in the form of a fabric backing 2 with a loose fluffy cotton face 3. The fabric backing is of comparatively loose weave and, of course, the fluffy cotton face is loose and full of appertures and interstices. This is important because the powder or other material with which this body 1 is impregnated or filled is applied by means of air pressure or suction. In other words, a current of air laden with powder or other material is blown through or drawn through the body 1, which acts as a strainer to catch and hold the powder or other material carried by the air current. This is continued until the body 1 is impregnated and saturated, if such a term might be used, with powder or other material. A thin sheet 4 of gutta percha or other suitable thermo-plastic adhesive is applied to the fabric backing 2. Then the covering backing which is ornamental or decorative and preferably in the form of a sheet 5 of paper, silk or other fabric is applied on the outside of the sheet or layer 4. This assembled sheet is then placed in a hot press which irons or smooths it and melts or renders plastic the gutta percha sheet 4, which adheres to the backing 5 and to the fabric backing 2 of the body 1 when the sheet is cooled, making an integral structure in which the ornamental backing intimately and securely adheres to the body of the article. This sheet of material is then cut out into any suitable shape and size by means of dies or other suitable means to secure the finished product, one form of which is shown in Figure 1.

It is therefore seen that a novel method is provided of making a cheap yet at the same time attractive and efficient article of the type described at a minimum expense and in a minimum amount of time. These articles are compact in size and may be readily made to sell in quantity in packages at a very low price so as to be available for use as samples or other advertising media and for individual use to be thrown away by the user. Furthermore, by impregnating the body with the powder or other material the necessity of the user carrying a supply of powder is obviated. Of course, it is understood that the body may be formed of other material such as lamb skin or the like and that the backing is not necessarily of

fabric, and also that the article may be made without impregnating or saturating the fluffy material with powder.

What I claim is:—

1. An article of manufacture of the character described including a layer of loose fibre having a backing, an ornamental backing and a layer of gutta percha interposed between said ornamental backing and said first-mentioned backing and causing said backings to intimately adhere to each other.

2. An article of manufacture of the character described including a body composed of a loose fluffy fibre secured to a fabric backing of comparatively loose weave to permit the passage of a current of powder-laden air therethrough to impregnate said fluffy fibre with powder and an ornamental backing intimately adhering to said fabric backing.

3. An article of manufacture of the character described including a body composed of a loose fluffy fibre secured to a fabric backing of comparatively loose weave to permit the passage of a current of powder-laden air therethrough to impregnate said fluffy fibre with powder and an ornamental backing, a layer of gutta percha interposed between said fabric backing and said ornamental backing to cause intimate adherence between said backings.

4. The method of making powder puffs and the like including impregnating a body having loose fluffy fibre with powder by means of a powder-laden current of air and causing intimate adherence of an ornamental backing to said body by heating a thermo-plastic adhesive therebetween.

5. The method of making powder puffs and the like which includes impregnating a body having a mass of loose fluffy material with powder by means of a powder-laden current of air and then securing a backing to said body by placing a thermo-plastic adhesive therebetween and subjecting this assembly to heat and pressure.

6. An article of the character described including a body of fluffy material secured to a backing, a covering backing and a layer of thermo-plastic material interposed between said covering backing and said first-mentioned backing and causing said backings to intimately adhere to each other.

In testimony that I claim the foregoing I have hereunto set my hand this 17th day of August, 1926.

JOSEPH E. VALENTINE.