B. F. ROEHRIG.

POWDER BOX.

APPLICATION FILED JAN. 4, 1910.

1,001,771. Patented Aug. 29, 1911.

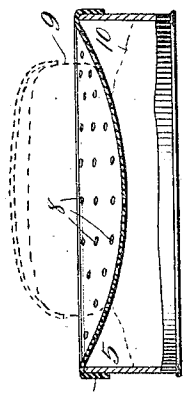

Fig. 3.

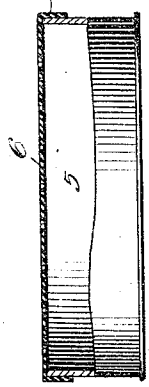

Fig. 2.

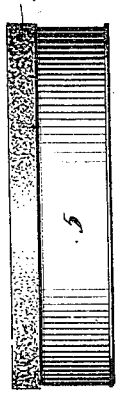

Fig. 1.

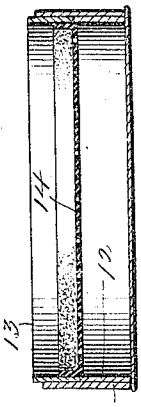

Fig. 6.

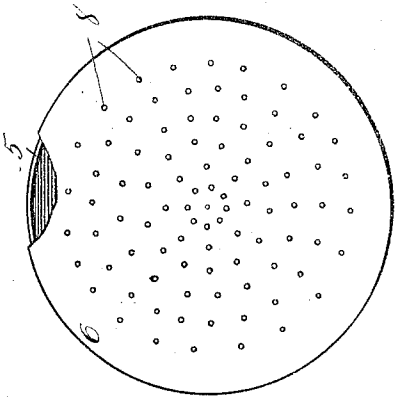

Fig. 5.

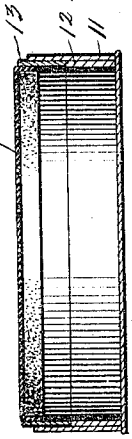

Fig. 7.

Witnesses

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POWDER-BOX.

1,001,771. Specification of Letters Patent. **Patented Aug. 29, 1911.**

Application filed January 4, 1910. Serial No. 536,338.

To all whom it may concern:

Be it known that I, BERNARD F. ROEHRIG, a citizen of the United States of America, residing at San Diego, in the county of San Diego and State of California, have invented certain new and useful Improvements in Powder-Boxes, of which the following is a specification.

This invention relates to powder boxes of the character adapted to receive and contain toilet powder, the object of the invention being to provide a structure which will limit the amount of powder that adheres to the powder puff, and will also prevent the powder from flying out of the box when the powder puff is pressed downwardly.

It is a further object of the invention to provide a structure adapted to accomplish the foregoing objects and yet be capable of being applied to any of the powder boxes on the market.

A further object of the invention is to provide a structure comprising a perforated elastic disk which normally forms a closure for the powder box, together with means for supporting said disk at one height when the powder box is full, or nearly full, of powder, and for supporting said disk at a lower point when the powder box has been partially emptied.

Further objects and advantages of the invention will be set forth in the detailed description which now follows.

In the accompanying drawing, Figure 1 is a side elevation of a powder box with my invention applied thereto, Fig. 2 is a view partly in side elevation and partly in section, illustrating the position of the elastic disk before it has been depressed, Fig. 3 is a view like Fig. 2 but illustrating the position of the elastic disk after it has been depressed, Fig. 4 is a plan view of the structure shown in Fig. 2, Fig. 5 is a sectional view of a modified form, and Fig. 6 is a view like Fig. 5, but with the disk in a different position.

Like numerals designate corresponding parts in all of the figures of the drawing.

Referring to the drawing, the numeral 5 designates a powder box of the ordinary and usual construction.

In carrying out the invention, I provide an elastic disk 6 having a downturned edge flange 7 adapted to be snapped over the edge of any of the powder boxes at present upon the market. This disk has a plurality of perforations 8 formed therein. A powder puff 9 has been indicated in dotted lines in Fig. 3. In this form of the invention, when the powder puff is pressed downwardly, the elastic disk stretches sufficiently to permit it to move to the position illustrated in Fig. 3, or in other words, far enough to permit the powder, indicated at 10 in Fig. 3, to be forced through the perforations of the disk 6, and to adhere to the powder puff 9.

In Figs. 5 and 6, a modified form of the invention has been shown. In this modified structure, the numeral 11 designates the powder box, and this powder box is provided with an internal ring 12 which limits the downward movement of a second ring 13, said second ring carrying an elastic, perforated disk 14. When the powder box is full or nearly full of powder, the lid formed by the ring 13 and the disk 14, is placed in the position illustrated in Fig. 5, where the disk acts in the same manner and serves the same purposes as the disk 6 hereinbefore described. But when the powder gets low in the box and it becomes difficult to force the disk down far enough to cause it to properly press upon the powder, the lid formed by the ring 13 and the disk 14 may be inverted and replaced in the box, at which time the disk 14 will assume the position illustrated in Fig. 6.

From the foregoing description, it will be seen that simple and efficient means are herein provided for accomplishing the objects of the invention, but while the elements shown and described are well adapted to serve the purposes for which they are intended, it is to be understood that the invention is not limited to the precise construction set forth, but includes within its purview such changes as may be made within the scope of the appended claims.

Having described my invention, what I claim is:

1. The combination with a powder box, of an elastic extensible perforated disk which entirely covers said powder box, and means for securing said disk in position, said means extending entirely around the edge of said powder box.

2. The combination with a powder box, of a perforated elastic disk, a member to which

said disk is secured, said member detachably engaging the upper edge of the powder box, and either edge of said member being adapted to detachably engage said powder box, whereby said member may be inverted and engaged with said powder box while in its inverted position.

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

BERNARD F. ROEHRIG.

Witnesses:
CHARLES FREERICKS,
LOUIS F. BROWN.