

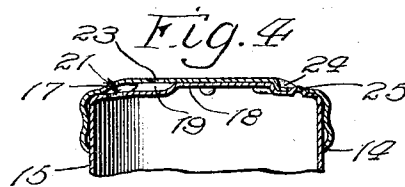
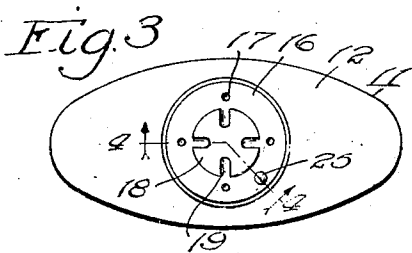
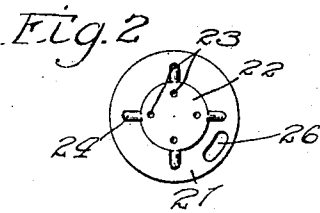
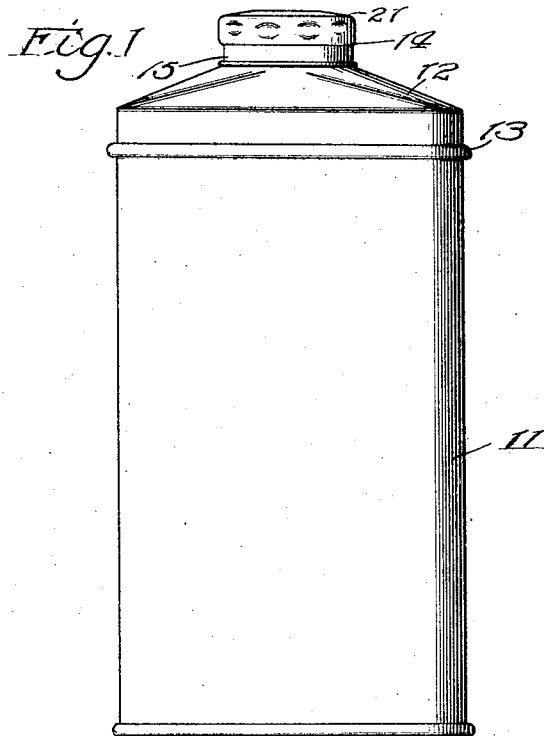
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TALCUM POWDER BOX

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TALCUM-POWDER BOX.

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This invention relates in general to sifter top containers, and has more particular reference to that type of container adapted for the packaging of talcum powder and
5 like material.

A principal object of the invention is the provision of means for preventing leakage of the powder when the container is closed, it being understood that packages of this
10 character are often placed in unusual positions and subjected to rough usage, as when carried in a handbag by a traveller.

A further object of the invention is the provision of a talcum powder can provided
15 with special means for preventing such leakage, while at the same time being readily opened without the removal of the cap.

A still further object of the invention is the provision of effective closing means involving very simple structure and formative
20 operations, the container thus being capable of economical production as an article of manufacture.

Numerous other objects and advantages
25 of the invention will be apparent as it is better understood from the following description, which, taken in connection with the accompanying drawings, discloses a preferred embodiment thereof.

30 Referring to the drawings,

Figure 1 is an elevational view of a container in which my invention is embodied;

Fig. 2 is a top plan view of the cap;

35 Fig. 3 is a top plan view of the container top with the cap removed; and

Fig. 4 is an irregular vertical section through the top taken substantially on the line 4—4 of Fig. 3.

40 Upon the drawings, which illustrate the invention, I have shown a container body 11, which, in the present instance, is of oval form, a cover 12 secured to the body at 13 in any approved manner, and a sifter top
45 generally indicated by the reference numeral 14. Said top comprises a neck 15 and a perforated upper part 16. Perforations 17 are spaced about the outer part of the top and in the central part thereof is formed a raised portion 18 provided with radial
50 grooves or channels 19 extending toward the perforations 17.

A cap 21 is adapted to frictionally engage the neck 15 and is rotatable thereon. Said
55 cap is provided with a central raised portion 22 adapted to overlie the raised portion of

the top and perforations 23 are provided in said portion 22 of the cap. Downwardly opening channels 24 extend outwardly from the portion 22 and over the perforated portion of the top. Said top is provided with
60 a stud 25 and in the outer part of the cap is a segmental slot 26 adapted to receive said stud. It will be apparent that when the cap is so positioned that the channels 19 and 24
65 are in alignment a passage is established between the perforations 17 and 23 and that slight rotary movement of the cap will result in misalignment of the channels and the cutting off of communication between
70 said perforations, which, it should be observed, are never in registration.

Since the portion 22 contacts with the part 18 of the top closely and throughout a considerable area, it is manifest that a particularly effective closure is thus provided, and
75 that leakage is prevented much more effectively than would be possible were the perforations of the top and the cap adapted to be brought into registration. Furthermore,
80 a more even sprinkling of the powder may be accomplished than would occur with a direct opening.

Referring again to the mode of operation, with particular reference to Figs. 2, 3 and 4
85 of the drawings: when powder is to be dispensed the box is inverted and shaken. Thereupon powder will sift out and downward through the holes 17 (Fig. 3) and
90 along radial lines and inward for a short distance, along the channels 19 (Fig. 4) until the powder comes to the holes 23 (Fig. 2), whereupon it sifts entirely out of the box to the desired place of deposit.

It is thought that the invention and many of its attendant advantages will be understood from the foregoing description, and it
95 will be apparent that various changes may be made in the form, construction and arrangement of the parts without departing from the spirit and scope of the invention or
100 sacrificing all of its material advantages, the form hereinbefore described being merely a preferred embodiment thereof.

I claim:

1. A talcum powder box, comprising a
105 body, a sifter top having perforations disposed about the outer part thereof and having a raised central portion provided with radial channels, and a cap adapted to fit rotatably upon said top, said cap being pro-
110

vided with a raised perforated portion and downwardly opening channels extending outwardly from said raised portion and over the perforations in said top.

5 2. A talcum powder box, comprising a body, a centrally raised top provided with sifter openings, a cap covering said top and also provided with sifter openings eccentric
10 to the center of the top which correspond severally with the openings of the top and are permanently out of registration with the sifter openings of the top, said top having means for bringing said two sets of sifter
15 openings into and out of communication.

3. A talcum powder box, comprising a body, a sifter top provided with perforations spaced about the outer part thereof, and a cap rotatably secured upon said top
20 and having perforations in the central part thereof, said top and said cap being provided with radial channels communicably connecting said outer perforations in the top
25 and said central perforations in the cap.

4. A talcum powder box, comprising a body, a sifter top provided with outer perforations and a centrally disposed elevated
30 portion having radial channels therein, and a cap having a centrally disposed elevated part overlying the elevated part of said top and having perforations therein, said cap
being provided with channels extending out-

wardly from said elevated portion and forming, with the channels in said top, passages between the perforations in the top and those in the cap. 35

5. A can for talcum powder and the like, comprising a body, a sifter top provided with perforations and a raised imperforate part having radial channels extending toward the perforations in said top, and a cap
40 having a perforated part overlying the imperforate part of said top, said cap being provided with channels extending from said perforated part to form, with the channels of said imperforate top part, a passage
45 between the perforations of the top and the cap and being movable to closed position with said top and cap channels out of alignment.

6. A can for talcum powder and the like, 50 comprising a body, a sifter top having outer perforations and a raised imperforate part, and a cap having an inner perforated raised part fitting closely upon the raised part of the top, said top and cap being provided
55 with grooves adapted to form a passage between the respective perforations thereof and said cap being adapted to be turned to cut off communication between said grooves and thus tightly close the can.

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