

E. F. SCHULZ.
SIFTER TOP FOR RECEPTACLES.
APPLICATION FILED APR. 12, 1909.

953,300.

Patented Mar. 29, 1910.

Fig. 1.

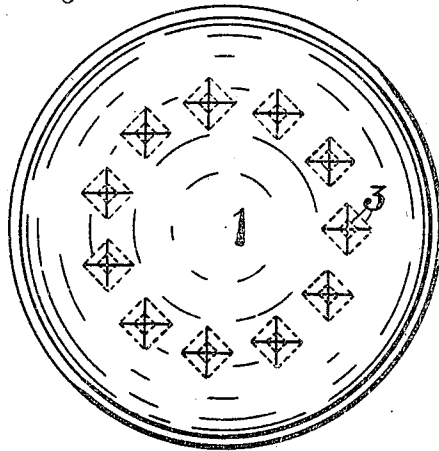


Fig. 3.

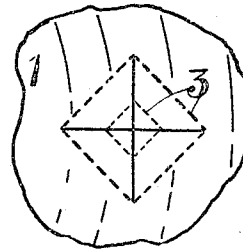


Fig. 4.

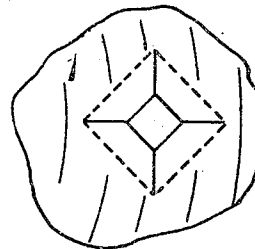


Fig. 5.

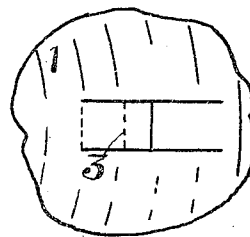
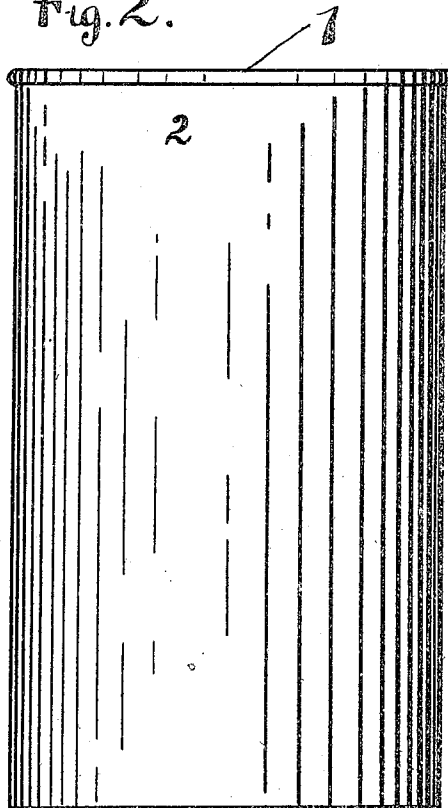


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

EDWARD F. SCHULZ, OF SAN FRANCISCO, CALIFORNIA, ASSIGNOR OF ONE-HALF TO
CHESTER B. WELCH, OF BERKELEY, CALIFORNIA.

SIFTER-TOP FOR RECEPTACLES.

953,300.

Specification of Letters Patent.

Patented Mar. 29, 1910.

Application filed April 12, 1909. Serial No. 489,321.

To all whom it may concern:

Be it known that I, EDWARD F. SCHULZ, a citizen of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented a new and useful Sifter-Top for Receptacles, of which the following is a specification in such full and clear terms as will enable those skilled in the art to construct and use the same.

This invention relates to a sifter top used for the purpose of scattering finely divided materials like borax, soap powder, or salt out of a receptacle in which it is placed for shipment and sale.

An object of the invention is to produce a sifter top which will be readily adjusted for any size materials, as for example when it is desired to use very fine holes, it is possible to make very fine holes in the top of the receptacle, or when it is desired to produce a larger hole for use with coarser materials the opening may be readily enlarged. It often happens that soap powders and other detergents of that character become more or less lumpy when the package has been used for a considerable length of time and it is necessary for that reason to enlarge the opening in the top.

Another object of the invention is to produce a sifter top which will be sealed practically air tight when the receptacle is packed for shipment.

In the drawings, in which the same numeral is applied to the same portion throughout, Figure 1 is a plan view of one of the tops showing the way the cuts are made therein, Fig. 2 is a side elevation of a receptacle having this top applied thereto, Fig. 3 is a view of one of the cuts on a larger scale, Fig. 4 is a view of one of the openings when it has been opened up ready for use in sifting the materials out of the receptacle, and Fig. 5 shows a modified opening.

The numeral 1 represents the top of the receptacle and 2 its sides, the top being made of tin or sheet metal and the sides of any desired material, the shape being usually circular although the shape of the receptacle has nothing to do with the invention.

The metal of the top is cut in the shape of a cross as shown in Fig. 1, the number of

crosses being as great as may be desired. While this cross would permit a sharp instrument to force a hole in the top very easily, it has been found desirable to control the size of the opening by making a series of indentations 3 in the metal, said indentations being on a line which intersects the cuts. These indentations are made deep enough to cause the metal to bend very easily, as illustrated in Fig. 4, when a sharp instrument is pressed against them. If it is wished to increase the size of the holes a larger instrument is used and the corners may be bent down at the second line of indentations. It will be noted that it is possible to produce a similar effect by using two cuts in the metal, as shown in Fig. 5, in which case the indentations intersect the two parallel cuts in the top.

Having thus described my invention what I claim as new and desire to secure by Letters Patent of the United States is as follows:

1. A new article of manufacture comprising a receptacle, a top therefor, said top having a series of intersecting cuts entirely through the metal thereof, and having a series of indentations on lines intersecting the cuts and so spaced as to permit the production of openings through the top of several different sizes.

2. A new article of manufacture comprising a receptacle, a top therefor, said top having a series of intersecting cuts through the material thereof, the metal being weakened on lines intersecting the cuts whereby openings of several sizes may be produced in the top.

3. A new article of manufacture comprising a receptacle, a top therefor, said top having cuts intersecting at substantially right angles and also having lines of weakness so spaced from each other as to permit the production of openings through the top of several sizes, said lines intersecting the cuts.

In testimony whereof I have set my hand this 1st day of April A. D. 1909, in the presence of the two subscribed witnesses.

EDWARD F. SCHULZ.

Witnesses:

CHESTER B. WELCH,
C. P. GRIFFIN.