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SIFTING AND MEASURING CONTAINER

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My invention relates to sifting and measuring containers and to improvements in the construction thereof which permit an adjustment for a desired fineness of sifting and an adjustment for measuring in a teaspoon therefrom.

The art of sifter containers is old and there has been considerable development in the broad type of containers to which my invention relates. For example, Gibb's in his Patent 1,433,544 shows a sifter can having a sliding carriage or plate attached to the top of the can wall which plate has sifting openings which register at a certain position of movement with an opening in the can.

It is my object to provide a spice can having an opening so arranged in the top wall that a teaspoon may be inserted therein and to provide a slide having sifting openings, which slide has an end wall adjustable to level off the material in the spoon. It is a further object to arrange the sifting openings so that they will register with a side wall of the container adjacent a dispensing opening thereby the sifting operation may be confined to a desired degree of fineness.

In one modification of my invention in which the container has a narrow width, a further object is the provision of a container having a teaspoon dispensing opening the base of which extends diagonally across the can top and in which a sliding sifter plate having sifting openings is arranged arcuately to register with the curved portion of the opening through which the bowl of the spoon fits.

The above objects and others to which reference will be made in the ensuing description, I accomplish by that certain combination and arrangement of parts of which I have shown a preferred embodiment.

Referring to the drawing: Fig. 1 is a perspective view of one modification of my sifter container.

Fig. 2 is a perspective view of the slide plate removed from the container.

Fig. 3 is a perspective view of the top wall of the container with the slide plate removed.

Fig. 4 is a perspective view of a modified type of slide plate.

In the drawing the container is illustrated having side walls 1, end walls 2 and a top wall 3, the end and side walls being held in position by the top rim 4, the top wall being held in position by the wall and top rim, the top rim being attached at 4. Such construction is standard and forms no part of my invention.

The particular can to which I have applied my invention has a capacity of 1 1/2 ounces of pepper and has dimensions as follows: Side walls, 2 by 3 inches, end walls, 1 by 3 inches and top wall 1 by 2 inches. The top wall is depressed about 3/8 inch. It will be obvious that in such construction it is not possible to make a dispensing opening for accommodating a teaspoon by cutting a hole in the top wall of segmentary shape with the chord of the segment extending across the width of the container, because a chord extending across the bowl of a teaspoon is normally over 1 3/4 inches long.

Accordingly I arrange a segmentary opening in the top wall of the container the chord 5 of the segment extending diagonally across the container, the arc 6 of the segment, extending from the ends of the chord, being also diagonally positioned.

A slide having channels 1 and a flat body 2 is crimped in position on the container top and a series of perforations 9 are formed in the slide in an arcuate formation conforming to the arc of the segmentary aperture in the container top.

In Fig. 4 a modified type of slide is shown in which the perforations 9 are replaced by slots 9a which will be obvious function in the same way as the perforations.

In Fig. 1 it may be observed that by moving the slide so that the arc in the container top extends medially across the sifting apertures, the flow of material is restricted to a certain fineness. By moving the slide farther the full extent of the openings in the slide may be used. This is true of both modifications shown in Figs. 2 and 4.

By moving the slide still farther the segmentary opening in the top wall will be exposed. Then a teaspoon may be inserted, the bowl part extending in the arcuate portion of the opening, and the chord of the segment will act as a lever so that a level teaspoonful of material may be dispensed.

Such a container will be found to be of great convenience for many spices where recipes often call for a sprinkling of the spice but in some cases a level teaspoonful is required.

Having thus described my invention what I claim as new and desire to secure by Letters Patent is:

1. A container having a top wall with a dispensing opening therein and a slide member arranged to expose said opening, said opening being of segmentary shape the chord of said segment extending diagonally across the box and said slide member having dispensing openings therein positioned along a curve corresponding to the arc of the segmental opening for the purposes described.
2. A container having a top wall with a dispensing opening therein and a slide member arranged to expose said opening, said opening being of segmentary shape the chord of said segment extending diagonally across the box and said slide member having dispensing openings therein positioned along a curve corresponding to the arc of the segmental opening for the purposes described said dispensing openings being perforations formed in said slide member.

3. A container having a top wall with a dispensing opening therein and a slide member arranged to expose said opening, said opening being of segmentary shape the chord of said segment extending diagonally across the box and said slide member having dispensing openings therein positioned along a curve corresponding to the arc of the segmental opening for the purposes described said dispensing openings being formed as slots cut in from an edge of said slide member the closed ends of said slots being disposed in a curved line conforming to the arc of the segmental opening.

4. A container having a given thickness and having a top wall with a segmental opening therein the chord of which is greater than said given thickness in length and a slide for closing said opening having a edge positioned parallel with the chord of the arc of said segmental opening, and perforations in said slide conforming to the arc of said opening.

5. A container having a given thickness, and having a top wall with a segmental opening therein the chord of which is greater than said given thickness in length, said chord extending diagonally across said wall, and a slide for closing said opening having an edge positioned at all times parallel with the chord of the arc of said opening.

6. A container having a given thickness and having a top wall with a segmental opening therein the chord of which is greater than said given thickness in length, said chord extending diagonally across said wall, and a slide for closing said opening having an edge positioned parallel with the chord of the arc of said segmental opening and openings in said slide for sitting out the contents of the can, said openings arranged in a curve conforming to the arc of the opening.

7. A container of the character described, including a body, a top member secured at one end of the body to close the same, said member having a pair of parallel sides and an elongated opening therethrough adapted to receive the bowl of a spoon, said opening being diagonally arranged with respect to said sides and having a length greater than the width of said member, and a closure slidably mounted on said member and adapted to selectively close said opening or expose it to permit the spoon to be inserted therein.

8. Apparatus of the character claimed in the preceding claim, wherein the closure has an edge, on the end adjacent said opening when it is exposed, conforming to the nearest edge of said opening.

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