March 27, 1934. A. B. WILSON 1,952,401

RIM FOR CONTAINERS

Filed Feb. 5, 1932

Fig. 1.

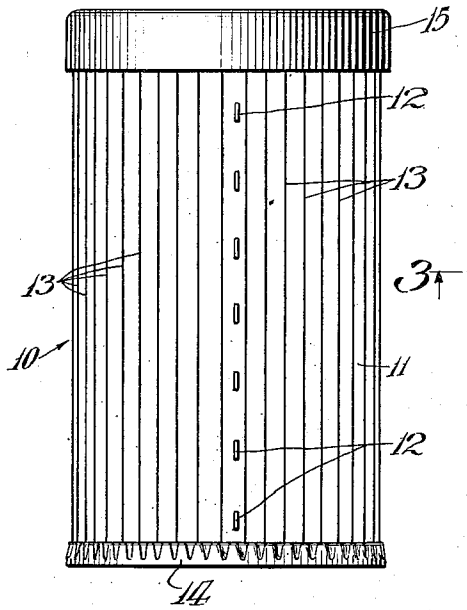


Fig. 2.

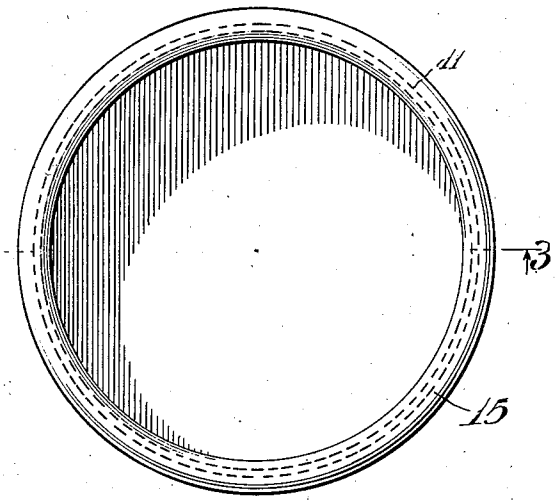
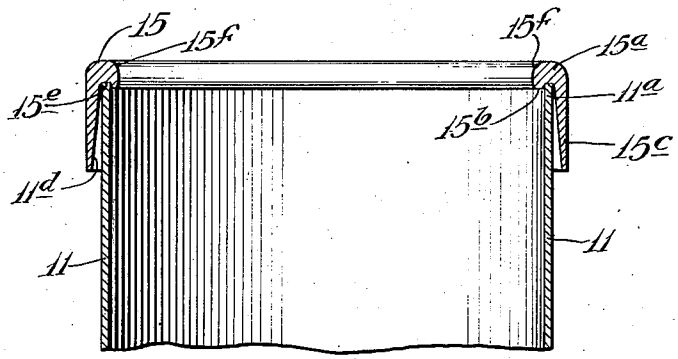


Fig. 3.



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RIM FOR CONTAINERS

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Application February 5, 1932, Serial No. 591,026

2 Claims. (Cl. 229—5.5)

This invention relates to rims for containers and its purpose is to provide an improved form of rim which may be detachably placed upon various forms of containers, such as those used for containing ice cream, in order to protect the upper edges thereof while they are in use. According to the latest improved practice, ice cream is placed in containers which are made up largely of paper or cardboard so that the container can be thrown away after the ice cream has been consumed, thus overcoming the necessity of returning the container to the ice cream factory as was the former practice when metallic containers were used. These containers, formed largely of paper or the like, are relatively light and before they are assembled into container form, the outer cylindrical walls thereof are commonly folded into flat condition for convenience in shipping them from the container manufacturer to the ice cream factory, and to save space in storage. These containers are filled with ice cream at the factory and are shipped to the retailers, who place them in the wells of cooler cabinets, where they are kept until all of the ice cream therein has been served to retail customers. It is necessary to remove the covers from these containers when they are inserted in the wells of the cooler cabinets so that the upper edges of the paper walls have heretofore been unprotected and this has resulted in a tendency for the upper portions of these paper walls to become more or less limp and to return partially to their previous flattened or folded condition, so that the upper end of the container has not maintained a round opening for the insertion of the arm of the attendant when serving ice cream. In addition, it has been found that due to the light weight of these containers formed largely of paper, there is a tendency for them to spin around on their lower ends under the pressure of the ice cream scoop, and to lift up with the scoop, when they are nearly empty, so that it is difficult for the attendant to remove all of the ice cream therefrom.

The principal object of the present invention is to overcome the above mentioned difficulties by providing a detachable rim which may be placed on the upper end of a container, such as an ice cream container, for example, for the purpose of maintaining a circular opening at the upper end of the container and to give the container sufficient weight so that it will not turn around in the well of the ice cream cabinet or lift up when pressure is exerted thereon through the ice cream scoop. A further object of the invention is to provide a container having a detachable upper rim provided with one part extending downwardly on the inside of the container wall and another part extending downwardly on the outer side thereof so that the collapsing or distortion of the wall of the container is prevented. Other objects relate to various features of construction and arrangement which will appear more fully hereinafter.

The nature of the invention will be understood from the following specification taken with the accompanying drawing, in which one embodiment is illustrated. In the drawing,

Fig. 1 shows a side elevation of one form of container having embodied therein the features of the present invention;

Fig. 2 shows an enlarged top plan view of the container illustrated in Fig. 1; and

Fig. 3 is a vertical section taken on the line 3—3 of Fig. 2.

In the drawing, the invention is shown as being embodied in a container 10 having an outer cylindrical wall 11 formed of a sheet of paper or the like which has its edges united in overlapped relation by staples 12 and which is provided with longitudinal indentations or fold lines 13 so that it may be folded into a flat condition for shipment. This container has a bottom wall which is also formed preferably of paper or the like and this bottom wall is united with the wall 11 by an annular metallic rim 14, the means by which this connection is established being more fully described in my copending application Serial No. 591,025, filed February 5, 1932. This connection of the annular wall 11 with the bottom wall and the bottom rim 14 is made by the ice cream manufacturer and when the container 10 has been filled with ice cream, a cover is applied, usually by means of an upper rim. When the filled container is inserted in the well of the ice cream cabinet, the cover and upper rim are removed and at that time there is applied to the upper edge of the annular wall 11 the annular rim 15 which forms the principal feature of the present invention.

The rim 15 is preferably formed of relatively heavy metal. For example, it may be formed of an alloy of iron, lead or tin so that it may have a comparatively bright and ornamental appearance, or it may be formed of steel or iron to which a nickel or chromium plating is applied, or it may be formed of rustless steel. The rim comprises an upper annular body portion 15^a provided along its inner edge with an annular depending flange 15^b which is adapted to lie in-

side of the upper annular edge 11^a of the paper wall 11. The body portion 15^a also carries an outer depending flange 15^c which extends downwardly to a considerable extent around the outside of the paper wall 11, being preferably flared outwardly and downwardly on its inner side as shown at 11^d in order to facilitate its application to the upper edge of the annular wall. The annular groove 15^e which is thus formed on the under side of the rim 15 between the two flanges 15^b and 15^c, is engaged by the upper edge of the annular wall of the container. The upper outer surface of the body portion 15^a of the rim is preferably rounded transversely as shown at 15^f to provide a convenient surface upon which the attendant may tap his ice cream scoop or the like for the purpose of ejecting any residue of ice cream therein into the container. The weight of this rim is sufficient to hold the container substantially in place against rotative movement even when it is nearly empty and the arrangement of the flanges is such that the upper edge of the container wall is held firmly in circular form. The outer circumference of the rim 15 is only slightly greater than that of the wall 11 so that it may be fitted within the well of the ice cream cabinet and when one container 10 has been emptied of ice cream, the rim 15 may readily be removed therefrom and subsequently placed upon the wall of another container.

Although one form of the invention has been shown and described by way of illustration, it will be understood that it may be embodied in various other forms within the scope of the appended claims.

I claim:

1. In combination with a collapsible ice cream container of the class described, a relatively rigid end mount removably associated with the container and comprising a collar fitting outside of and around the upper marginal portion of the container and provided with an inwardly extending flange at its upper end for seating on the upper end of the container to position the collar thereon, said mount being formed of such material and of such size as to provide sufficient weight to resist spinning and lifting of the container incident to the scooping of ice cream therefrom when the container is nearly empty.

2. A device for holding a light-weight container in relatively fixed position to facilitate the removal of material from the container, comprising a weighted collar adapted to removably fit around a portion of the container and having means for engaging the container to position the collar around said container portion.

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