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1,509,524

C. C. MORRISON

CONTAINER

Filed Feb. 15, 1923

Fig. 1.

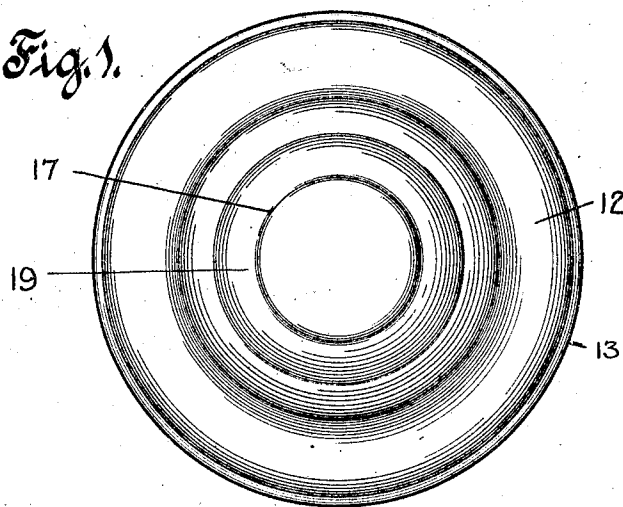


Fig. 2.

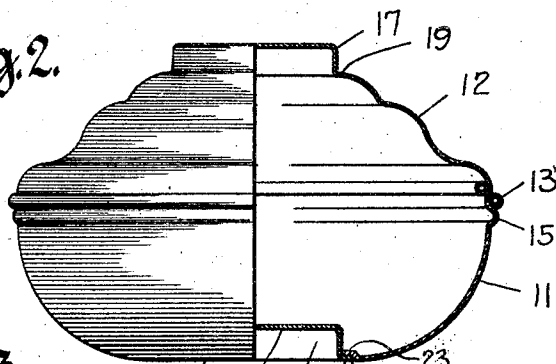
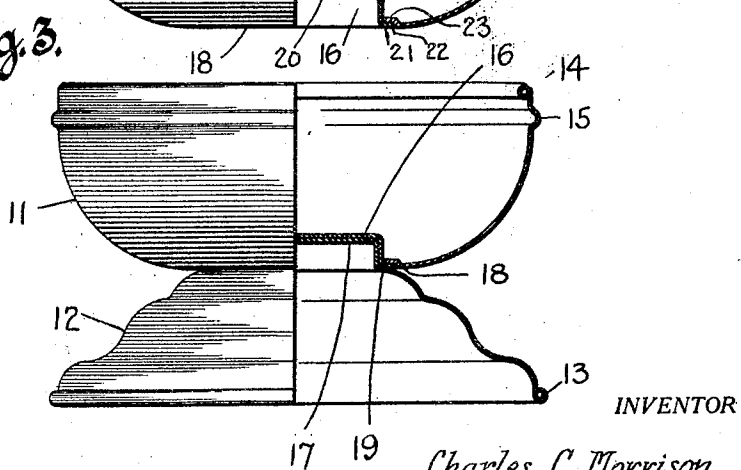


Fig. 3.



INVENTOR

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CHARLES C. MORRISON, OF NEW YORK, N. Y., ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO PASSAIC METAL WARE CO., OF PASSAIC, NEW JERSEY, A CORPORATION OF NEW JERSEY.

CONTAINER.

Application filed February 15, 1923. Serial No. 619,080.

To all whom it may concern:

Be it known that I, CHARLES C. MORRISON, a subject of the King of Great Britain, residing in the city, county, and State of New York, have invented new and useful Improvements in Containers, of which the following is a specification.

My invention relates to containers or boxes of the type in which are sold goods such as candy, face powder, or other articles which are normally used from the container or package in which they are purchased. An object of my invention is to provide a container which opens up to display the contents advantageously and render them conveniently accessible. A further object is to utilize the cover of the container as a stand for the receptacle portion thereof, and to provide means for connecting the stand and receptacle so that when the receptacle is picked up, as in serving candy, the stand remains attached thereto, and in place wherever the receptacle is set down. A further object is to provide means for effecting the connection between the receptacle and stand such as not to interfere materially with the capacity of the receptacle, or to add to the size of the container, or to depart from the normal lines desired when the device is used as a container, avoiding ugly projections or depressions. A further object is to provide connecting means such that one portion thereof serves to determine the position of the receptacle with respect to the stand, and to afford a substantial base, while another portion thereof serves to exert the required pressure for holding the parts in assembled position. A further object is to accomplish these results without the use of moving parts, by the use of appropriate material and the proper shaping thereof.

My invention consists in the construction, combination and arrangement of parts herein described and claimed, and illustrated in the accompanying drawings, which show a preferred embodiment of my invention. In these drawings, in which similar reference characters designate corresponding parts in all views,

Figure 1 is a plan view of a container closed;

Figure 2 is an elevation, partly in section, of a container closed; and

Figure 3 is an elevation partly in section, of the same container open with the receptacle portion placed upon and attached to the cover portion which serves as a stand.

The container, which may be of any shape, although shown in the drawing as circular since that form is readily manufactured and widely used, comprises a receptacle portion 11 and a cover portion 12, one having a slightly larger rim diameter than the other so as to fit over the latter and engage it frictionally to hold the cover on. Both the receptacle and the cover are preferably made of sheet metal pressed into the desired shapes, and having a measure of resiliency. If desired, the edge of the cover may be beaded outwardly at 13, and the edge of the receptacle inwardly as at 14, and the receptacle may have a ridge 15 pressed outwardly to receive the bead 13 of the cover and determine its position.

The exterior contour of the container may be as desired. A desirable form is with the receptacle tapering in general downwardly from the joint toward the center, and the cover upwardly toward the center, so that when the parts are reversed and the cover used as a stand the connection is made at the narrow parts and a graceful effect is obtained.

One of the parts, preferably the receptacle 11, is provided with a recess 16. This may be formed simply by pressing a portion of the material inwardly, but I prefer to form the recess in a separate piece of material 20 having a flange 21 adapted to fit snugly into an opening 22 of the receptacle 11. The edge of the opening preferably is set in as at 23 to receive the flange 21 and hold it flush with the bottom of the receptacle. This recess 16 is located centrally, and is relatively shallow as compared with its diameter, assuming it to be circular, as this is the most convenient form, although a circular form of recess is not essential. The

side walls of the recess are preferably perpendicular to the base of the receptacle, or they may even taper outwardly toward the bottom of the recess, making the rim the narrowest part.

The other part, in this instance, the cover 12, may have a projecting portion 17, corresponding with the recess 16 and having external walls adapted to engage those of the recess to hold the parts together frictionally, forming a unitary structure.

Where the walls of the recess and projection are slightly tapered as described, the projection when forced into the recess will enter with a snap, and the parts will be held together somewhat more securely than if friction alone is relied upon.

Surrounding the recess 16 there may be provided a flat surface 18, and a similar flat surface 19 on the cover portion encircling the projection 17. When the cover is used as a stand, the receptacle portion 18 seats firmly upon the flat base portion 19 of the cover, and is held in place by the frictional contact between the side walls of the projection 17 and recess 16. By this construction and the use of a resilient material a firm connection is established between the two parts, even though the recess 16 is relatively very shallow. In view of the material breadth of the recess and projection relative to their depth, a very satisfactory connection can be obtained by permitting the projection 17 to seat upon the bottom of the recess, instead of having the surface 18 seat upon the surface 19. In either case the use of a resilient material is essential to the success of the connection, and in order that the cover may be used many times alternately as cover and stand.

Obviously when the container has been emptied of its original contents, it may be preserved and thereafter put to many uses about the house, being useful, either end up, for serving candy, crackers, fruit, etc., in the larger sizes, and for face powder, for example, in the smaller sizes.

Having now described my invention I claim and desire to secure by Letters Patent:

1. A container comprising a receptacle portion and a cover portion of resilient material, engaging means on said cover portion adapted for frictional engagement with the receptacle to close the latter, one of said portions having a recess and the other a projection adapted to engage said recess, said last-mentioned engaging means on said cover portion being spaced from said first-mentioned engaging means, whereby said cover portion may serve as a stand for said receptacle portion when uncovered, and be frictionally connected thereto forming a unitary structure.

2. A container comprising a receptacle portion and a cover portion of resilient ma-

terial, engaging means on said cover portion adapted for frictional engagement with the receptacle to close the latter, one of said portions having a relatively shallow recess having walls substantially perpendicular to the bottom thereof and the other having a corresponding projection adapted to engage said recess, said last-mentioned engaging means on said cover portion being spaced from said first-mentioned engaging means, whereby said cover portion may serve as a stand for said receptacle portion when uncovered.

3. A container comprising a receptacle portion and a cover portion of resilient material, engaging means on said cover portion adapted for frictional engagement with the receptacle to close the latter, one of said portions having a relatively shallow recess having walls substantially perpendicular to the bottom thereof and a flat surface surrounding said recess, and the other having a corresponding projection adapted to engage said recess and a corresponding flat surface, said last-mentioned engaging means on said cover portion being spaced from said first-mentioned engaging means, whereby said cover portion may serve as a stand for said receptacle portion when uncovered, the flat surfaces acting as a seat for the receptacle upon the cover and the projection and recess serving to hold the parts together forming a unitary structure.

4. A container comprising a receptacle portion and a cover portion of resilient material, engaging means on said cover portion adapted for frictional engagement with the receptacle to close the latter, one of said portions having a recess having walls substantially perpendicular to but tapered slightly outwardly toward the bottom, and the other having a corresponding projection adapted to snap into said recess to hold said receptacle and cover portion together, the projection or recess on said cover portion being spaced from said engaging means and the latter serving as a stand.

5. A container comprising a receptacle portion and a cover portion, means on said cover portion normally engaging the top of said receptacle portion, one of said portions having a projection, and the other portion having an opening therein, and a member fitted in said opening containing a recess adapted to receive said projection, the projection or recess on said cover portion being spaced from said means whereby said cover portion may serve as a stand for said receptacle portion when uncovered.

6. A container comprising a receptacle portion and a cover portion, means on said cover portion normally engaging the top of said receptacle portion, one of said portions having a projection, and the other portion having an opening therein with the edge set

in to receive a flange, and a flanged member fitted in said opening containing a recess adapted to receive said projection, the projection or recess on said cover portion being spaced from said means whereby said cover portion may serve as a stand for said receptacle portion when uncovered.

7. A container comprising a receptacle portion and a cover portion of resilient material, engaging means on said cover portion adapted for frictional engagement with the receptacle to close the latter, one of said portions having a recess and the other a projection adapted to engage and snap into said recess, said last-mentioned engaging means on said cover portion being spaced from said first-mentioned engaging means whereby said cover portion may serve as a stand for said receptacle portion when uncovered, and be frictionally connected thereto forming a unitary structure.

8. A container comprising a receptacle portion and a cover portion of resilient material, engaging means on said cover portion adapted for frictional engagement with the receptacle to close the latter, one of said portions having a relatively shallow recess having walls substantially perpendicular to the bottom thereof and the other having a corresponding projection adapted to engage and snap into said recess, said last-mentioned engaging means on said cover portion being spaced from said first-mentioned engaging means whereby said cover portion may serve as a stand for said receptacle portion when uncovered.

9. A container comprising a receptacle portion and a cover portion of resilient material, engaging means on said cover portion adapted for frictional engagement with the container to close the latter, one of said portions having a relatively shallow recess having walls substantially perpendicular to the bottom thereof and a flat surface surrounding said recess, and the other having a corresponding projection adapted to engage and snap into said recess, said last mentioned engaging means on said cover portion being spaced from said first-mentioned engaging means, and having a corresponding flat surface whereby said cover portion may serve as a stand for said receptacle portion when uncovered, the flat surfaces acting as a seat for the receptacle upon the cover and the projection and recess serving to hold the parts together forming a unitary structure.

10. A container comprising a receptacle portion and a cover portion both of resilient material, means on said cover portion normally engaging the top of said receptacle portion, one of said portions having a projection, and the other portion having an opening therein, and a member fitted in said opening containing a recess adapted to re-

ceive said projection snapped into place thereon, the projection or recess on said cover portion being spaced from said means whereby said cover portion may serve as a stand for said receptacle portion when uncovered.

11. A container comprising a receptacle portion and a cover portion both of resilient material, means on said cover portion normally engaging the top of said receptacle portion one of said portions having a projection, and the other portion having an opening therein with the edge set in to receive a flange, and a flanged member fitted in said opening containing a recess adapted to receive said projection snapped into place thereon, the projection or recess on said cover portion being spaced from said means whereby said cover portion may serve as a stand for said receptacle portion when uncovered.

12. A container comprising a receptacle portion and a cover portion of resilient material and adapted for frictional engagement to close the container, one of said portions having a recess and the other a projection adapted to engage said recess whereby said cover portion may serve as a stand for said receptacle portion when uncovered, and be frictionally connected thereto forming a unitary structure.

13. A container comprising a receptacle portion and a cover portion of resilient material and adapted for frictional engagement to close the container, one of said portions having a relatively shallow recess having walls substantially perpendicular to the bottom thereof and the other having a corresponding projection adapted to engage said recess whereby said cover portion may serve as a stand for said receptacle portion when uncovered.

14. A container comprising a receptacle portion and a cover portion of resilient material and adapted for frictional engagement to close the container, one of said portions having a relatively shallow recess having walls substantially perpendicular to the bottom thereof and a flat surface surrounding said recess, and the other having a corresponding projection adapted to engage said recess and a corresponding flat surface whereby said cover portion may serve as a stand for said receptacle portion when uncovered, the flat surfaces acting as a seat for the receptacle upon the cover and the projection and recess serving to hold the parts together forming a unitary structure.

15. A container comprising a receptacle portion and a cover portion, one of said portions having a projection, and the other portion having an opening therein, and a member fitted in said opening containing a recess adapted to receive said projection, whereby said cover portion may serve as a stand for

said receptacle portion when uncovered.

16. A container comprising a receptacle portion and a cover portion, one of said portions having a projection, and the other portion having an opening therein with the edge set in to receive a flange, and a flanged member fitted in said opening containing a recess adapted to receive said projection, whereby said cover portion may serve as a stand for said receptacle portion when uncovered. 10

In testimony whereof I have signed my name to this specification.

CHARLES C. MORRISON.