Feb. 20, 1923. 1,445,816

E. BAILEY

BUTTER CONTAINER

Filed Sept. 8, 1921

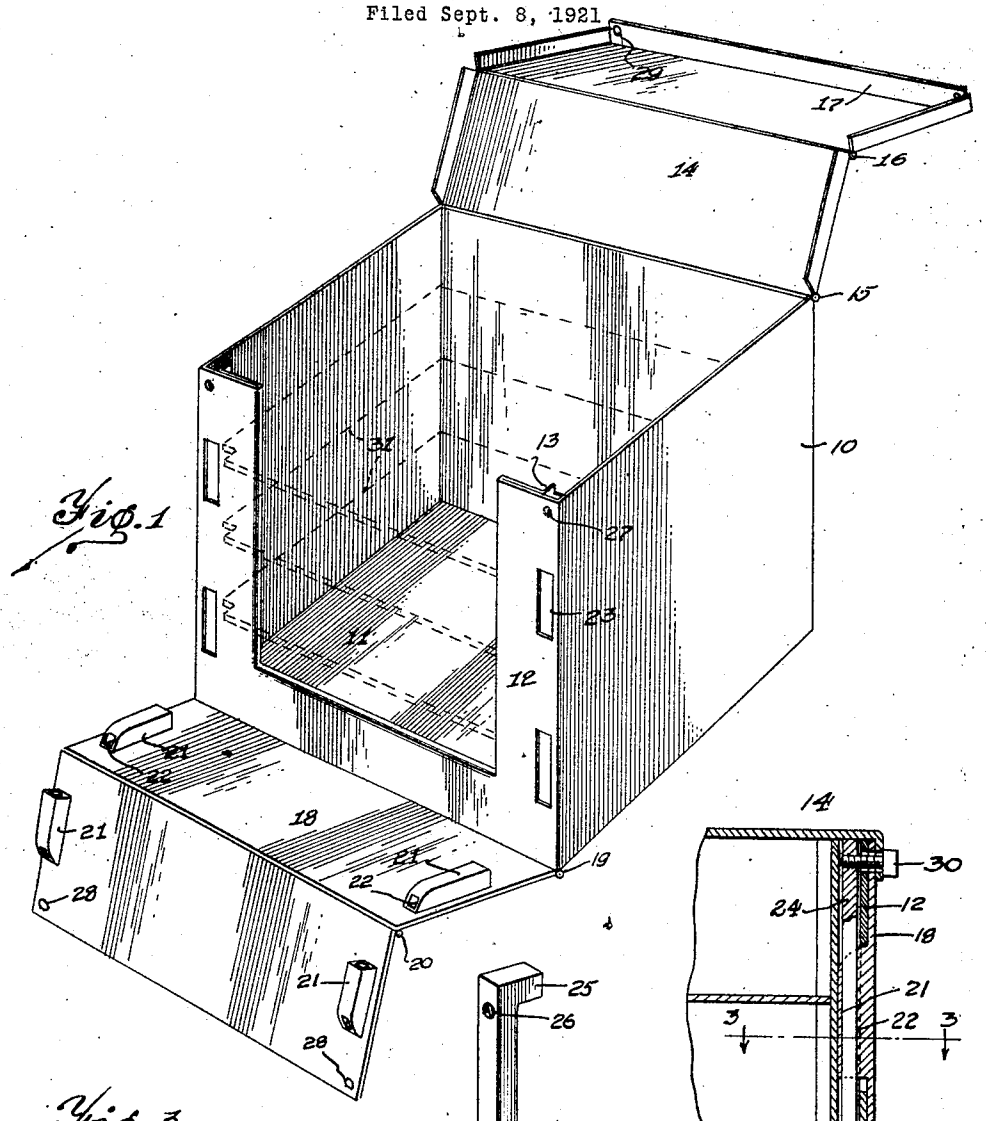


Fig. 1

Fig. 2

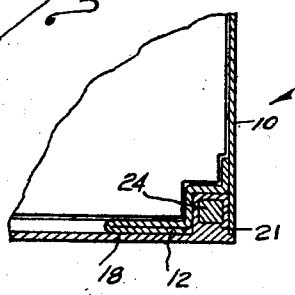


Fig. 3

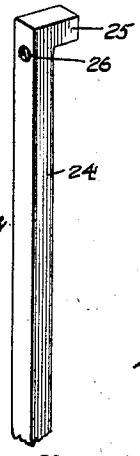


Fig. 4

Inventor

Ellen Bailey

By Raymond A. Parker

Attorney

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UNITED STATES PATENT OFFICE.

ELLEN BAILEY, OF DETROIT, MICHIGAN.

BUTTER CONTAINER.

Application filed September 8, 1921. Serial No. 499,137.

To all whom it may concern:

Be it known that I, ELLEN BAILEY, citizen of the United States, residing at Detroit, county of Wayne, State of Michigan, have invented a certain new and useful Improvement in Butter Containers, and declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to an improved receptacle for containing butter, or other similar substances, in which the same may be packed for shipping. The object is to provide a container for such material so constructed as to serve as a suitable receptacle for shipping purposes and of such a character as to facilitate the removal of the butter or other material therefrom.

In the usual type of butter container, such as tubs or jars, which are provided with detachable covers, the butter is removed with difficulty and comes out in uneven chunks of unequal size due to the fact that it must be gouged out from the open top of the receptacle.

My receptacle is so constructed as to permit the easy removal of the contained butter in amounts of determined size and even shape.

These and other objects, together with details of construction, will more fully appear from the following description, accompanying drawings and appended claims, in which:

Figure 1 is a perspective of my container with the tub and hinged side in the open position.

Fig. 2 is an enlarged sectional view showing the means for securing the top and hinged side in the closed relationship.

Fig. 3 is a horizontal cross-section taken on the line 3—3, Fig. 2.

Fig. 4 is a perspective of the locking pin.

My receptacle, as here shown, may be constructed of any suitable sheet metal such as tin or it may be formed with an outer wooden wall lined with tin whichever may be found more suitable and desirable.

In the drawing, let the wall of the receptacle be indicated by the numeral 10. This is cut away at one side to provide an opening 11 affording entrance into the box, such side being cut away so as to form an inwardly-extending side wall flange 12 on opposite sides and at the bottom, which side wall flange is bent back upon itself in such a manner as to form a vertical passageway 13 in the corner of the receptacle which is designed to receive the fastening rod hereinafter referred to.

The box is provided with a cover 14 hinged at 15 so as to be upraised as shown in the drawing, or closed over the open top of the box. This cover is formed in two sections hinged together shown as 16, and is provided with a downwardly extending encircling flange 17 adapted to overlap the sides of the receptacle when the cover is closed.

Hinged at the lower edge of the box at the open side is the side wall 18 pivoted to the box at 19 and formed in two sections pivoted together as at 20. This side wall is adapted to be closed against the flange 12 of the box so as to form a cover for the open side. Secured to the side wall 18 on opposite sides are inwardly projecting lugs 21 vertically slotted as at 22, which lugs are adapted to be received within openings 23 cut through the flange member 12 so as to extend within the vertical passageway 13. The vertical slot through the lugs 21 on each side of the hinged side are in alignment so that a fastening pin 24 may be passed downwardly therethrough so as to secure the side 18 in the closed position. This fastening pin 24 is turned over at the upper end to form a catch 25 which extends interiorly of the receptacle and by means of which the pin may be withdrawn. This form of construction affords a particularly rigid and secure closure for the open side of the box and the side flange at the bottom and sides of the opening 11 will prevent leakage from the box of any moisture which might have a tendency to otherwise seep out.

A transverse passageway 26 is provided near the upper end of the locking pin 24 which registers when the pin is in place in the slot 13 with a similar passageway 27 through the wall of the flange 12 and also with a similar passageway 28 in the hinged side 18 and a passageway 29 through the overhanging flange 17 formed on the cover 14. The passageway 26 through the rod 24 might be preferably threaded and a securing pin 30 will serve to fasten the cover securely to the side 18 and in its closed relationship over the top of the box.

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The inside of the box is provided with graduations 31 arranged at determined intervals to indicate preferred positions at which separator shelves may be placed when the butter is being packed so as to separate the contained butter in the layers of determined amounts; for example, if the receptacle was designed to contain twelve pounds of butter and three such graduations were provided, when the separating shelves were in position the contained butter would be divided into four layers of three pounds each and might easily be removed in such amounts, or proportionate lesser quantities if so desired. The shelves are not intended to be supported by the wall of the box as no cleats are provided for this purpose, it being desired that the interior of the receptacle be kept smooth and the shelves would merely be placed in position as the butter is packed, supported by the butter therebeneath and serve to separate the butter into the determined proportionate amounts.

What I claim is:

1. In an article of the class described, a receptacle adapted to contain butter open at the top and on one side, said open side provided with a side flange, the interior of said receptacle graduated to indicate the position at which shelves may be placed to separate the contained butter into proportionate determined amounts, shelves adapted to be received within said receptacle, a hinged side adapted to close over said open side of the receptacle, vertically perforated lugs carried by said hinged side adapted to extend through openings in said side flange interiorly thereof when the hinged side is closed thereagainst, a locking rod adapted to extend through the perforations in the lugs to secure the hinged side in the closed position, said locking rod provided with a transverse passageway which registers with a transverse passageway through said side flange and said hinged side, a hinged cover for the top of said receptacle, a downwardly extending flange on said cover adapted to overlap said hinged side when the same is closed thereover, said downwardly extending flange provided with transverse passageways adapted to register with the transverse passageways through said hinged side, a securing pin adapted to be received through said registering passageways and within the opening in the locking rod to secure said cover in place.

2. In an article of the class described, a receptacle open at the top and on one side, said open side provided with a side flange on opposite sides and at the bottom, a hinged side member adapted to close over said open side seating against said flange and provided with slotted lugs adapted to extend through apertures in said side flange and project inwardly thereof when the side is closed against said flange, a locking pin adapted to extend through said slots in the lugs interior of the receptacle, a cover hinged to said receptacle adapted to close over the open top, means for securing said cover in the closed position.

3. A butter container formed of sheet metal and in the form of a box and being open at the top and on one side and having an integral side flange extending around two sides and the bottom of said open side, a cover formed of two sections hinged together, pivoted to close over the top of said container, a folding side formed of two sections hinged together pivoted to close said open side, folding against said side flange, said flange provided with a plurality of apertures, a plurality of apertured lugs carried by said folding side adapted to extend through the apertures in said flange when said side is folded thereagainst, securing pins positioned interior of the box to extend through the apertures in said lugs to hold said folding side in closed position, and releasable means for holding said cover in the closed position to prevent removal of said securing pins.

In testimony whereof, I sign this specification.

ELLEN BAILEY.