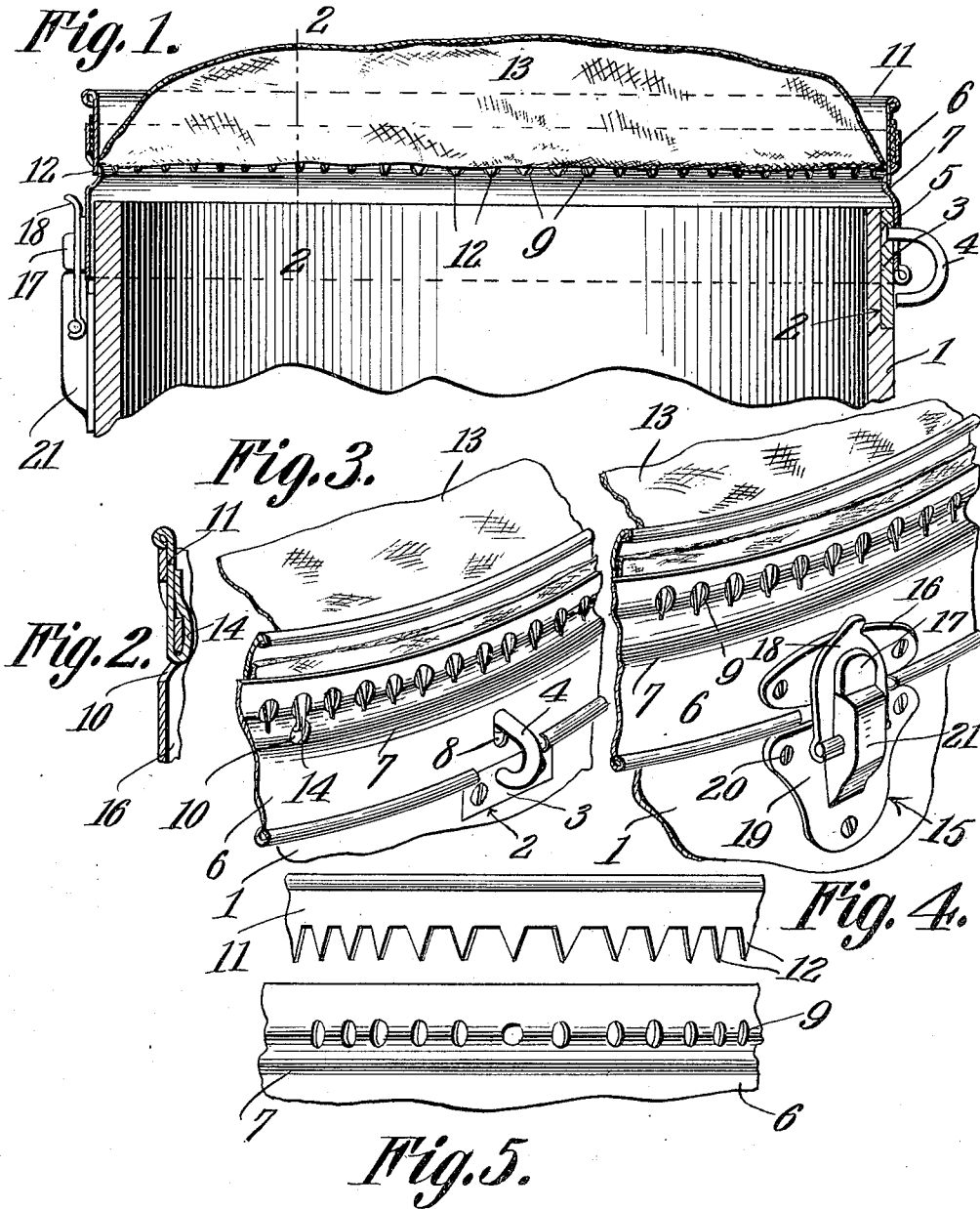


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LID FOR ICE CREAM TUBS.
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1,004,668.

Patented Oct. 3, 1911.



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UNITED STATES PATENT OFFICE.

JOHN W. McKINNEY, OF TYRONE, PENNSYLVANIA.

LID FOR ICE-CREAM TUBS.

1,004,668.

Specification of Letters Patent.

Patented Oct. 3, 1911.

Application filed August 20, 1910. Serial No. 578,112.

To all whom it may concern:

Be it known that I, JOHN W. McKINNEY, a citizen of the United States, residing at Tyrone, in the county of Blair and State of Pennsylvania, have invented a new and useful Lid for Ice-Cream Tubs, of which the following is a specification.

This invention belongs to the art of ice cream freezers, and it more especially relates to a new and useful closure, adapted for closing a tub or bucket, in which the ice cream can is packed.

The primary object of the invention is to provide a novel closure comprising efficiency and simplicity, in which there is involved essential detail features of construction, which assist in providing a practical device.

A further object of the invention is to produce such a closure as will prevent the ice and salt, (which is packed around the ice cream can), from becoming loose and being spilt in shipping. Heretofore, in shipping ice cream it has been found that the burlap which is secured over the top of the bucket or tub, becomes detached, and the ice about the ice cream can is jolted from about the can and lost, in which case the ice cream becomes somewhat soft when it reaches its destination. By this novel closure, these difficulties are obviated, for the simple fact that the burlap is constantly secured entirely to the tub or bucket, until the entire closure is removed. There can be as many layers of burlap used, as desired, but in the drawings accompanying this specification, there is only one layer shown. In the drawings, however, there is only one form of the invention disclosed, but in practical fields this form may require certain alterations, to which the applicant is entitled, provided the alterations are comprehended by the appended claim.

Other features and combinations of parts will be hereinafter disclosed, shown in the drawings and pointed out in the appended claim.

In the drawings, Figure 1 is a sectional view through the upper part of a tub or bucket, showing the closure as applied thereto, thereby illustrating the various features of the invention. Fig. 2 is a sectional view on the line 2—2 of Fig. 1. Fig. 3 is a detail perspective view of a portion of the tub or bucket, showing portions of the two annular metal bands, and further illustrating a swiveled staple, to which one of the

bands is pivoted. Fig. 4 is a detail perspective view, showing a portion of the tub or bucket and the two annular bands, disclosing the fastening clasp between one of the bands and the tub or bucket. Fig. 5 is a detail view in elevation, showing portions of the two annular bands.

Referring to the drawings, 1 represents a portion of a tub or bucket, in the circumference of which adjacent its top a recess 2 is formed, in which is seated a plate 3. Projecting through this plate is one end of a staple 4. The head 5 of said end is arranged between the plate and the bottom of the said recess, thereby swiveling the staple in place.

6 denotes an annular band, having an annular depression 7 thereabout, and provided with an elongated opening 8. This opening 8 receives a portion of the swiveled staple, as is clearly shown in Fig. 3.

The band 6 in close relation to the annular depression is provided with a series of apertures 9, which extend annularly about the band. Portions of the apertures extend into the depression, while the greater portion thereof are above the depression. At four different points about the band 6, and formed approximately in the center of the depression are apertures 10, the purpose of which will presently be set forth.

An annular band 11 is provided, from the lower annular edge of which a plurality of V-shaped spurs 12 project. These spurs are adapted to penetrate the burlap, as shown clearly in Fig. 1, and then enter the apertures 9. By this construction, the burlap 13 is securely fastened in position.

At four different locations, the annular band 11 is provided with downwardly extending spurs 14, which are approximately twice the length of the spurs 12, in order to permit them, after passing through the burlap and the apertures 9 and aperture 10, to be bent inwardly toward the center of the tub and upwardly. By so doing, the annular band 11 is securely fastened in position, with relation to the annular band 6. By this method, displacement of the burlap is prevented. The closure for the tub or bucket is provided with the usual form of fastening clasp 15, the construction of which resembles the structure of a trunk clasp. For example, the clasp consists of a plate having a lug 17, adapted to form a keeper, which is cooperated with by the pivoted

clasp loop 18 which is carried by the plate 19. The plate 16 is secured to the annular band 6, by any suitable means, preferably rivets, while the plate 19 is secured to the upper portion of the tub or bucket, as shown at 20. The clasp loop may be provided with spring retained means (not shown) which in this form of fastening clasp is located in the housing 21 of the plate 19. It will be seen, however, that when the annular bands are swung to a closing position with relation to the tub or bucket, the keeper plate 16 is brought adjacent the loop clasp of the plate 19, in order to permit the loop clasp to pass over and receive the lug 17, thus locking the annular bands securely in a closed position. When the annular bands are thus locked, it will be seen that the burlap is securely fastened and stretched over the ice, which may be packed about and above and below the ice cream can.

The invention having been set forth, what is claimed as new and useful is:

In a closure, a pair of annular bands, one having an annular depression and provided

with an annular series of apertures partly formed in the upper part of the depression, while the other band is provided with a plurality of downwardly projecting spurs to penetrate said apertures, the first named band having a second series of apertures partly formed in the lower portion of the depression, the second annular band having additional spurs, adapted to extend through some of the first named apertures, and then through the second named apertures and turned upwardly to secure the bands in correlation, and a piece of burlap secured between the bands having the spurs piercing it, the annular depression and the apertures being so arranged as to permit the spurs to pass through the upper and lower apertures, as set forth.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

JOHN W. McKINNEY.

Witnesses:

JOHN B. GRIFFIN,
S. WOODS MILLER.