

1,222,035.

Patented Apr. 10, 1917.

Fig. 1.

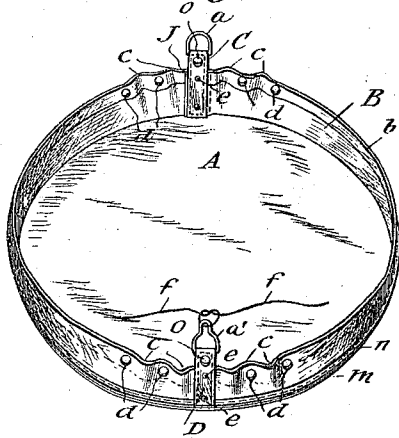


Fig. 2.

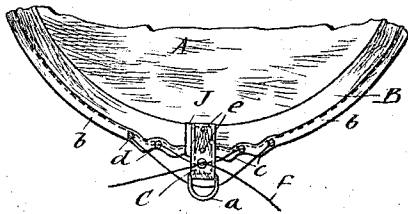


Fig. 3.

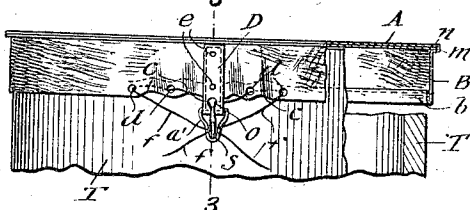


Fig. 4.

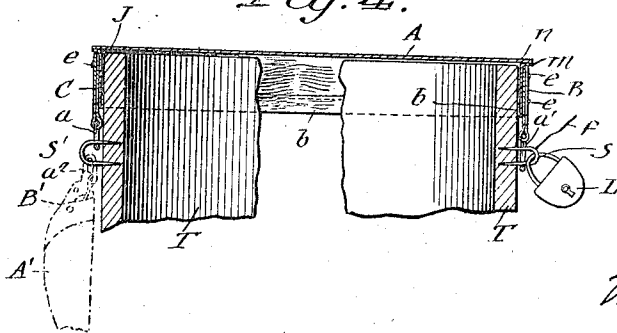


Fig. 5.

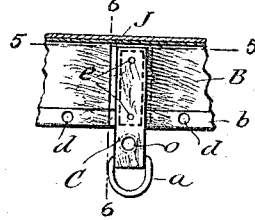


Fig. 6.



Fig. 7.

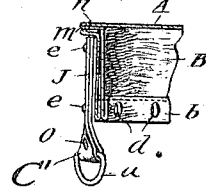
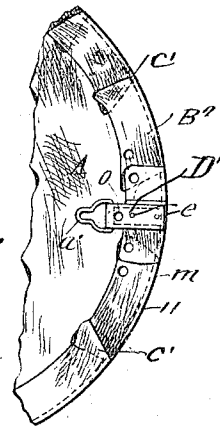


Fig. 8.



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UNITED STATES PATENT OFFICE.

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TUB-COVER.

1,222,035.

Specification of Letters Patent.

Patented Apr. 10, 1917.

Application filed June 1, 1915. Serial No. 31,577.

To all whom it may concern:

Be it known that I, WILFRED B. SCHOTT, a citizen of the United States, residing at West Salem, in the county of Wayne and State of Ohio, have invented a new and useful Tub-Cover, of which the following is a specification.

My invention relates to improvements in flexible covers for tubs used in the manufacture and shipment of ice cream and other substances which by reason of dampness or tendency to corrosion or breakage, render the use of metallic or wooden covers disadvantageous.

The principal object of my invention is to provide means for adapting covers made of canvas or other flexible and non-corrosive material to tubs of varying diameters so as to fit more closely and securely over the open end of the tub than has been possible heretofore and to provide improved means for hinging the cover to the tub and for folding the cover when lifted or detached from the tub.

It consists of the improved method of constructing and joining the parts of the cover body and the hinging, folding and securing means hereinafter set forth and as stated in the appended claims.

My invention is illustrated by the accompanying drawing in which similar letters of reference indicate like parts.

Referring to the drawing Figure 1 is a perspective view of a tub cover embodying my invention; Fig. 2 is a reverse view of the upper part of Fig. 1; Fig. 3 is a front elevation of a tub with cover applied broken away at one side for better illustration of the parts; Fig. 4 is a vertical cross section of Fig. 3 on a diameter on the dotted line 3-3 the upper part of the tub being broken away centrally showing the cover in position thereon; Fig. 5 is a detail view of my hinge and fastener strap attached to the inner surface of the cover; Fig. 6 is a horizontal section of Fig. 5 on the dotted line 5-5; Fig. 7 is a vertical cross section of Fig. 5 on the dotted line 6-6 thereof; Fig. 8 is a view of the lower part of Fig. 1 in folded position.

In the drawing A is a circular top and B a foldable band attached thereto by a seam *m n*, best shown in Fig. 7. The lower edge of the band is provided with a wide hem *o* to stiffen and strengthen the same and also to afford a double thickness of material to

support the plurality of eyelets *d d* in the perforations made therein.

The band B is constructed of one piece the ends thereof being joined together by folding one on the other by a seam J so as to make the band B continuous instead of separated as heretofore. A fastener strap C is firmly sewed across the band B at the junction seam J aforesaid, and may be more firmly secured upon said joint by means of suitable rivets *e e* passed through all said folded parts. Said strap terminates a distance beyond the lower edge of said band B with a link *a*, and may be further supplied with a perforation *o*, eyelet supported for purposes hereafter stated. Diametrically opposite said joint strap C I secure a similar strap D across the band B, and in a similar manner, but preferably surmount said strap with an elongated link *a'*. Said strap may also have a like perforation *o* and extend beyond the edge of said band, as shown in the drawings. When the cover is detached from the tub it readily and naturally folds together, with said band B lying flat upon the inside of the top A by natural folds or wrinkles *c'* as shown in Fig. 8, wherein is also shown the marginal seam *m n*, the folded band B², and folded down strap D'. Such folding is advantageous in packing covers in quantities for shipment, and is made possible by the manner of constructing said marginal seam and the flexibility of said strap.

Said cover may be permanently hinged to said tub by means of a staple S' secured therein at a suitable distance from its top, said staple being passed through said link *a*, as shown in Fig. 4. By means of the several thicknesses of material in the joint of said band (J Fig. 6) the ends thereof are not only securely connected as aforesaid, but the said joint being reinforced by the flexible strap C is thereby stiffened at this point, which stiffness is of advantage in handling the tub cover.

In like manner also the opposite strap D gives added stiffness to the front part of the cover, and assists in securing the same to the tub as hereafter stated.

The tub cover is made to fit loosely over the top of the tub, and is thus suited to varying diameters, as aforesaid. It is removably secured in position on the tub by means of the straps C D in connection with the opposite staples S S', (Fig. 4), the strap

C being hinged to the staple S' by the terminal link *a*. Said strap being extended beyond the lower margin of the band B, and constructed of flexible material, as
 5 aforesaid, provides a hinge for the cover adapted to permit the same to be turned sidewise and suspended downwardly in the manner shown at A' B', in Fig. 4, the lower or extended end of the strap yielding in a
 10 twist as shown at C' sufficient for the purpose of making said turn and thereby removing and suspending said cover as aforesaid. The forward part of the cover is secured down upon the tub by means of the
 15 strap D in connection with the adjacent staple S. Provision is also made for locking said strap to the tub by means of the extended link *a'*, secured over said staple by padlock L, as shown in Fig. 4, if desired. To accommodate the cover to tubs of
 20 different diameters, and to tighten the cover band around the tub, I provide a plurality of eyelet reinforced perforations *d d* on opposite sides of said straps and through the hem *b* of said band, adapted to receive a
 25 cord *f* which may be passed through the same and also through the adjacent staple and strap perforation *o*, whereby said band margin may be drawn or puckered by
 30 crinkles *c c* to tighten the same upon the periphery of said tub.

I am aware it is not new to construct canvas covers for tubs, and to hinge the same thereon, and such I do not broadly
 35 claim.

Heretofore canvas covers for tubs have been constructed with a band sewed to the periphery of the top portion at right angles therewith, and severed at one side of the
 40 cover, the severed ends of the band remaining disconnected, and folded back upon the latter to support gromets in said folds, thereby leaving an opening to the inside of the cover between said folded ends, the opposite
 45 side of the band being provided with a gromet adapted to engage a staple in the tub for hinging said cover thereto.

This device is defective in that no provision is thereby made for folding the band
 50 inwardly so that it will lie flat against the inner side of the cover top when removed from the tub, and the gromet and staple for hinging the cover to the tub allows the cover to be swung only vertically and downwardly when removed, leaving it sticking
 55 out from the receptacle with its inner side up and open for dirt to accumulate therein, thus making it unsanitary for want of means for closing down the band flatwise upon the
 60 inside of the cover top, and for turning said inside flatwise against the side of the tub.

I am also aware that a metal strap, having an eye swiveled thereto, has been used in attempting to remedy this defect, but this is
 65 objectionable on account of the necessary

presence of salt in the shipment of ice cream which causes said strap to corrode, and said strap, being non-flexible, is in the way of the folding of said band as required.

I overcome said defects by joining the
 70 band B to the top A by a double lap seam *m n*, which permits the band to fold and lie flatwise upon the inner side of the top when removed from the tub, and construct a cross-
 75 strap C of several thicknesses of flexible material—preferably of the same material as the cover—secured across the band at the junction of the overlapping ends, and extended below the lower edge of the band sufficient
 80 to permit the extension thereof to twist (as shown in Fig. 7) and thereby allow the cover to be swung sidewise and downwardly as aforesaid when the tub is to be opened; a link *a*, secured to the end of the strap extension, affords means for hinging
 85 the cover to the tub by a staple, so that it may be swung freely in any direction with said band folded inwardly over the inner surface of the top, and with said inner surface facing the side of the tub as aforesaid.
 90

By making the band of one piece, and continuous, instead of in two parts, with adjacent ends folded back, I avoid the opening
 95 between said ends which has heretofore been objectionable.

By means of the perforations in the hem of the band reinforced by eyelets, the perforation in the strap below the band, and a
 100 cord passed through the same, and secured to said staple, the band may be shrunk more tightly around the tub, and the cover more completely sealed over the tub contents than heretofore.

The junction of the ends of the band is
 105 also reinforced by the strap secured across said junction, and this gives added stiffness to the band opposite the hinge aforesaid. After the parts of the cover are fastened together, I make the same entirely impervious
 110 to water, and in all respects sanitary, by dipping the completed cover in melted paraffin. If desired, the front strap of the cover may be omitted, and said cord may be applied either on one or both sides of the
 115 cover, at pleasure.

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

1. A flexible cover for tubs comprising a
 120 top portion, having substantially the contour of the tub top, an inwardly foldable and continuous band secured to the periphery of said top portion, a flexible strap secured across said band and extended a distance
 125 beyond the free edge of said band, a link in the extended terminus of said strap, and means for tightening said cover around said tub top and for securing the same thereto, substantially as set forth.

2. In a flexible cover for receptacles, the combination with a top portion, an inwardly foldable and continuous band depending around said top portion, a pair of flexible
5 straps secured across said band on opposite sides thereof, respectively, said straps extended beyond the free edge of said band, links in the ends of said straps, respectively, and means for attaching said straps to the
10 receptacle, and for tightening said band thereon, substantially as set forth.

3. A flexible canvas cover for tubs, comprising in combination, a cover top, an inwardly foldable band depending from said
15 top, having a wide hem on its border and

its opposite ends overlapped and secured together across said band, a series of eyelets in said hem, a flexible strap secured across said band over the junction of said ends, terminating with a link below said band, and
20 a cord passed through said eyelets to pucker and tighten said band around the top of a tub, and secure it thereto substantially as set forth.

In witness whereof, I hereunto set my
hand this 12th day of April, A. D. 1915.

WILFRED B. SCHOTT.

Witnesses:

JOHN C. McCLARAN,

HIRAM B. SWARTZ.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."