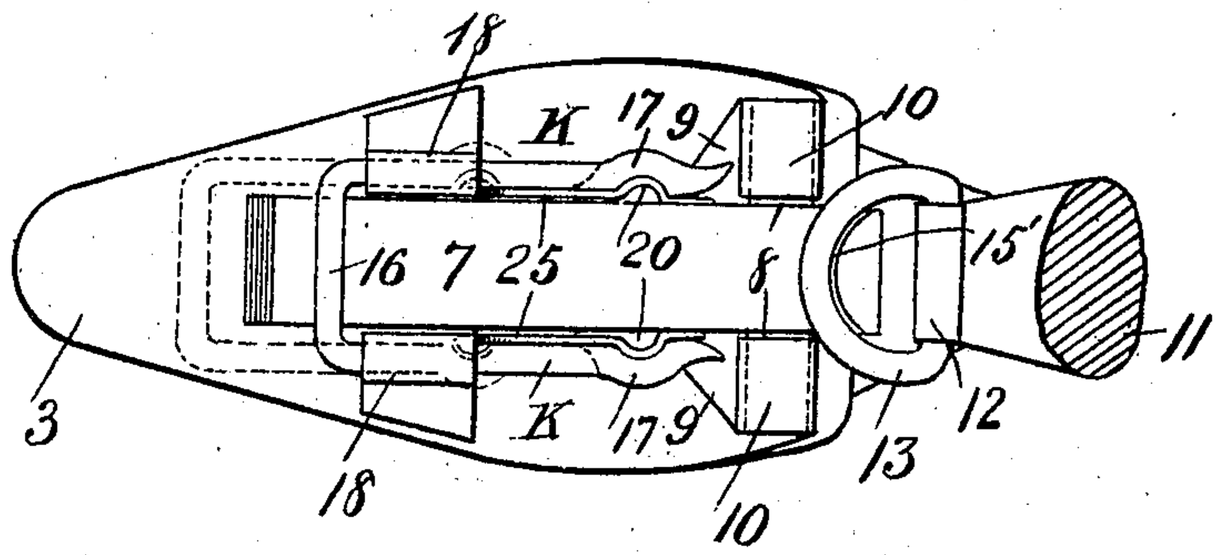
No. 846,783. PATENTED MAR. 12, 1907.

J. DAHL.

AIR TIGHT OIL CAN.

APPLICATION FILED JULY 6, 1905.

Fig. 1.



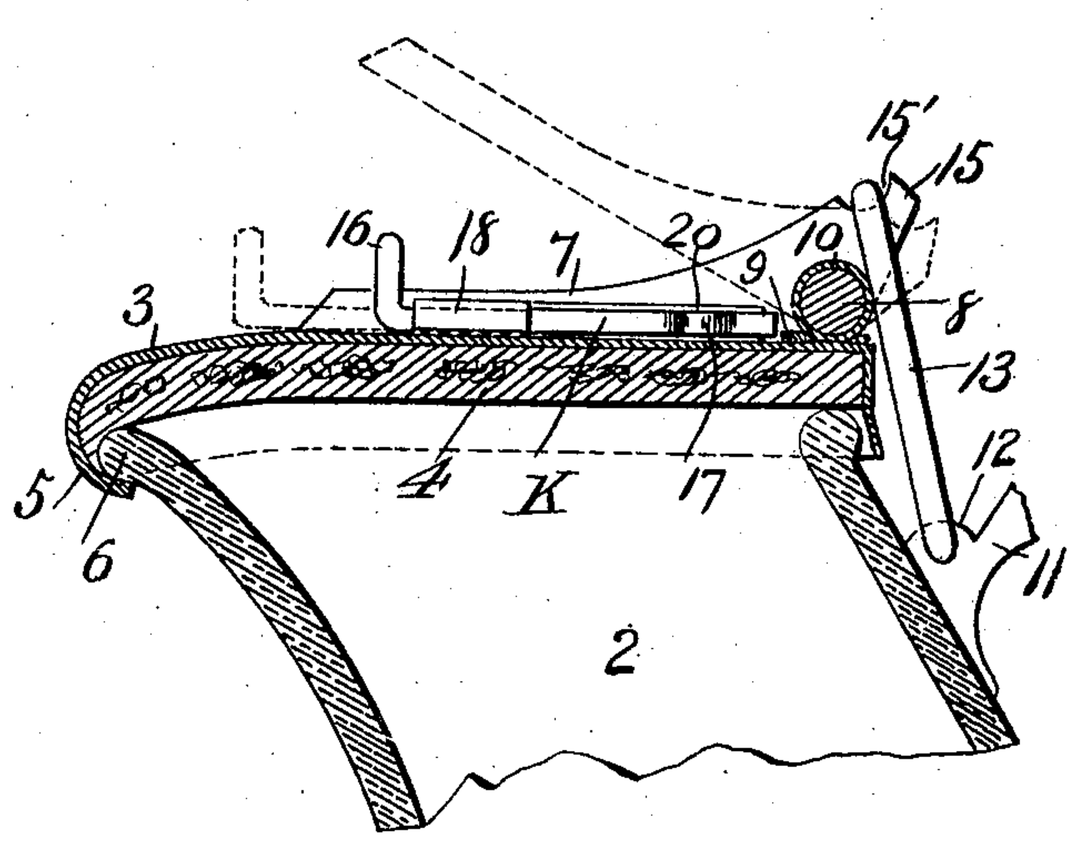


Fig. 2.

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UNITED STATES PATENT OFFICE.

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AIR-TIGHT OIL-CAN.

No. 846,783. Specification of Letters Patent. Patented March 12, 1907.

Application filed July 6, 1905. Serial No. 268,550.

To all whom it may concern:

Be it known that I, JOHN DAHL, a citizen of the United States, residing at Ashland, in the county of Ashland and State of Wisconsin, have invented an Air-Tight Oil-Can, of which the following is a specification.

This invention relates to cans or vessels for containing oil and other liquids, and it has particular reference to cans or vessels having a single aperture or top opening for filling purposes, the same constituting also a spout to enable the contents to be poured out or discharged.

The particular object of the present invention is to provide a tightly-fitting closure of simple and improved construction for vessels of the class referred to; and with these and other ends in view, which will readily appear as the nature of the invention is better understood, the same consists in the improved construction, arrangement, and combination of parts, which will be hereinafter fully described, and particularly pointed out in the claims.

In the drawings, Figure 1 is a top plan view of the vessel having the improved closure. Fig. 2 is a vertical sectional view taken on the longer axis of the lid or closure and showing the parts in the positions occupied when the lid is locked upon the vessel.

Corresponding parts in both figures are denoted by like characters of reference.

The can or vessel, of which only the neck or upper portion 2 has been shown, may be of any suitable construction, the neck constituting a spout having an oblong opening or aperture tapering toward the front, so that the contents of the can may be readily poured therefrom. The said opening is surrounded by a thick rim or flange, the front end of which is downturned, forming a depending lip 6.

The cap 3, which constitutes the closure, is provided with a lining 4, of cork or other suitable packing material, and it has an integral depending flange, the front end of which is offset rearwardly to form a hook 5, adapted to be hooked under the lip 6 of the spout.

The can is formed with a handle, a portion of which appears at 11, and adjacent to said handle is pivoted a link or bail 13 in a bearing 12. Upon the upper side of the cap there is pivoted a cam-lever 7, the cam portion of which, 15, has a notch 15′, adapted for engagement with the link or bail 13. The cam-lever 7 is provided with fulcrum pins or studs 8, pivotally engaging bearing-sleeves 10, that are formed upon a plate or piece 9, of sheet metal, soldered or otherwise secured upon the cap.

It will be seen that when the cap is placed in position upon the spout, with the hook 5 of its depending flange hooked under or engaging the depending lip 6, the cap may be tightly secured upon the spout and the packing 4 at the same time be compressed to make a tight joint by engaging the notch 15′ of the cam-lever 7 with the link 13 and then depressing the front end of said cam-lever until it lies flat upon the cap. For the purpose of securing or locking the cam-lever in this position there is provided a U-shaped catch K, having an upturned front end 16 and resilient legs, sliding in keepers 18, that are secured upon the cap adjacent to the sides of the handle portion of the cam-lever when said handle portion is depressed, said keepers being formed of a piece or pieces of sheet metal provided with rearward-extending upstanding flanges 25, at the rear ends of which bulges 20 are formed, the resilient legs of the catch K being formed with offsets 17 to engage the bulges 20.

Before placing the cap upon the can or vessel the catch K is slid forward to the position shown in dotted lines in the figures of the drawing. When the cap has been adjusted and the cam-lever placed in engagement with the link 13 and the front end or handle portion of said cam-lever has been depressed, the catch K is slid in a rearward direction until its upturned front portion 16 overlies the handle portion of the cam-lever, which is thereby locked in position. The catch K is at the same time secured against displacement by the offsets 17 of its resilient legs engaging the bulges 20 of the flanges 25.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. A can having a spout provided with a depending lip and a pivoted link in combination with a cap or closure having a depending flange with an offset forming a lip-engaging hook, a cam-lever pivoted upon the cap and having a link-engaging notch, and a U-shaped catch mounted slidably upon the cap and having an upturned portion adapted for engagement with the handle portion of the cam-lever.

2. A can having a spout provided with a depending lip and a pivoted link in combina-

tion with a cap having a depending flange with an offset forming a lip-engaging hook, a cam-lever pivoted upon the cap and having a link-engaging notch, a U-shaped catch mounted slidably upon the cap and having an upturned portion adapted to engage the handle portion of the cam-lever and resilient legs provided with offsets, and flanges secured upon the cap and having offset engaging bulges.

3. A can having a spout provided with a depending lip and a pivoted link in combination with a cap having a depending flange with an offset forming a lip-engaging hook, a cam-lever pivoted upon the cap and having a link-engaging notch, keepers upon the cap having extended flanges provided with bulges, and a lever-engaging catch sliding in the keepers and having resilient legs provided with bulge-engaging offsets.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN DAHL.

Witnesses:
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