J. H. WILSON.

CAN.

APPLICATION FILED JAN. 25, 1915.

1,270,758. Patented June 25, 1918.

Fig. 1

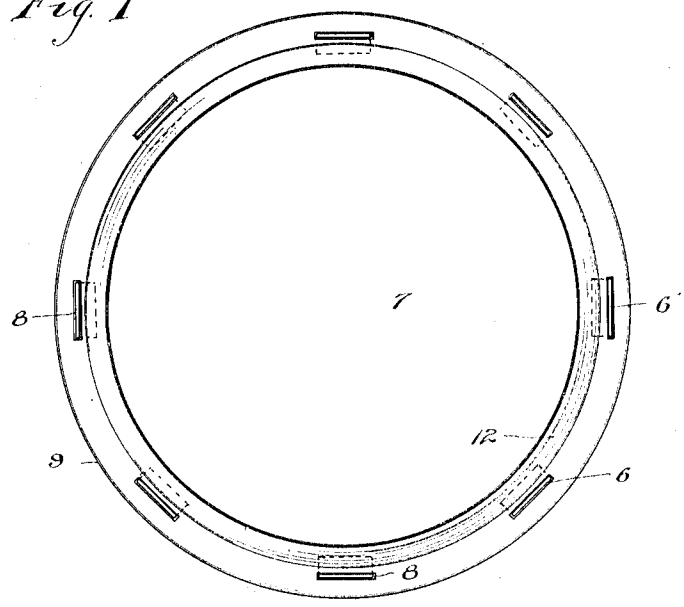
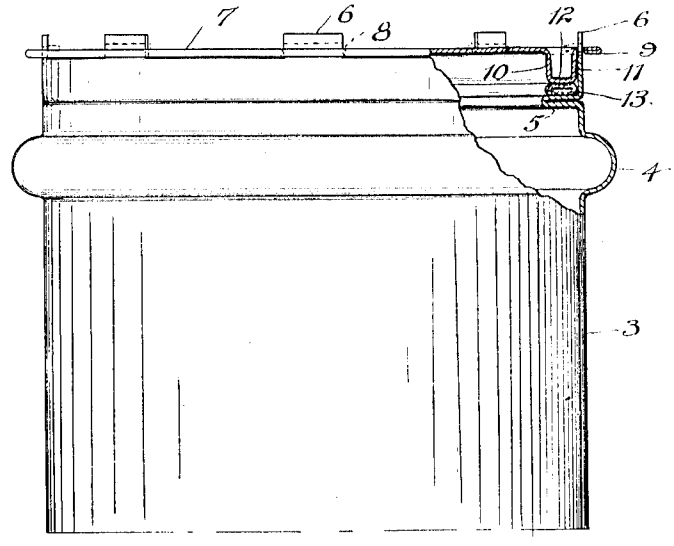


Fig. 2



Witnesses:

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UNITED STATES PATENT OFFICE.

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CAN.

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To all whom it may concern:

Be it known that I, JAMES H. WILSON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Cans, of which the following is a specification.

This invention relates to metal cans or drums which are adapted for shipping paint or other similar material, and relates particularly to the top or closure for the same. It has heretofore been proposed to use metal cans for shipping paint or the like, but it has been found exceedingly difficult to provide a can of this character with a top or closure which may be readily put in place, and which will not leak when the cans are shipped or handled. For this reason it has been more or less common to make the larger containers or drums of wood.

The object of the present invention is to provide a can or drum with a tight top or closure which may be readily placed in position and securely held by means of suitable fastening devices, which devices may be bent to locking position without the necessity of special tools.

In the accompanying drawings illustrating a preferred form of my invention; Figure 1 is a top view of the can or container, with the cover in position ready for fastening; and

Fig. 2 is a side view, partially in section, of one end of the can, showing the top in position.

As illustrated in these drawings, 3 represents a can or drum, which is preferably provided with outwardly projecting beads or rings 4, which extend out a sufficient distance so that the drum may be rolled upon the same, and so that they will protect the outwardly extending edge of the cover. It will be understood that the bottom portion of the drum may be made in the same manner as the top portion shown, but is preferably made with the bottom of ordinary form of construction. The upper end of the can is provided with an inwardly projecting ring or flange 5, which is preferably formed integrally with the can. As shown in the drawings, this flange is formed by pressing the metal inwardly and folding it to form a ledge or projection which is at approximately right angles to the walls of the can. The upper edge is provided with a plurality of projections 6, which are also preferably made integrally with the can. The top 7 is provided with slots or holes 8 for receiving the projections 6, such slots being spaced to correspond with the spacing of the projections. The outer edge of the top is preferably bent back to form a stiff bead or edge 9. The top is also provided with an inwardly extending ring or projection 10, which fits closely within the upper end of the can 3, and extends down to a point adjacent to the inwardly extending flange 5. The ring or projection 10 is preferably made integrally with the cover by forming a groove therein, so as to provide a flanged portion 11, which fits against the inner surface of the upper part of the can, and a horizontal flange 12, which is opposed to the flange 5. A resilient ring or gasket 13 is interposed between the flanges 5 and 12. After the packing ring or gasket, and cover, are placed in position, as indicated in the drawings, the projections 6 are bent inwardly as indicated by the dotted lines, in order to hold the cover in position. The packing ring is preferably sufficiently thick so that the bending of the projections down will tend to force the cover tightly against the ring, and press the same so as to make a tight closure. By means of this arrangement I provide a shipping can or drum which has proven to be relatively cheap in construction, and very satisfactory in use, as the cover may be readily applied, and there is little or no possibility of leakage. It will also be observed that changes may suggest themselves as coming within the scope of this invention, and therefore I do not wish to limit myself to the exact construction shown and described, except as specified in the following claims, in which I claim:

1. In a container of the character set forth, the combination of a body portion having an integrally formed folded flange extending inwardly adjacent to one end thereof, the upper surface of said flange being flat and at substantially right angles to said body portion, a cover fitting closely in said end and having an inwardly extending flange with its lower face substantially parallel to the upper surface of said first named flange, means for holding the cover

in position, and a gasket between said flanges.

2. A can comprising a body portion having an integrally formed folded annular flange adjacent to the top, the upper surface of said flange being at substantially right angles to the walls of the can, the upper edge of the body portion being provided with a plurality of projections, a gasket engaging with said flange, a cover having openings for receiving said projections, said cover having an inwardly extending annular portion engaging with said gasket, said projections being arranged to be bent to hold the cover in position with the gasket compressed between the flange and cover.

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