

July 17, 1928.

1,677,222

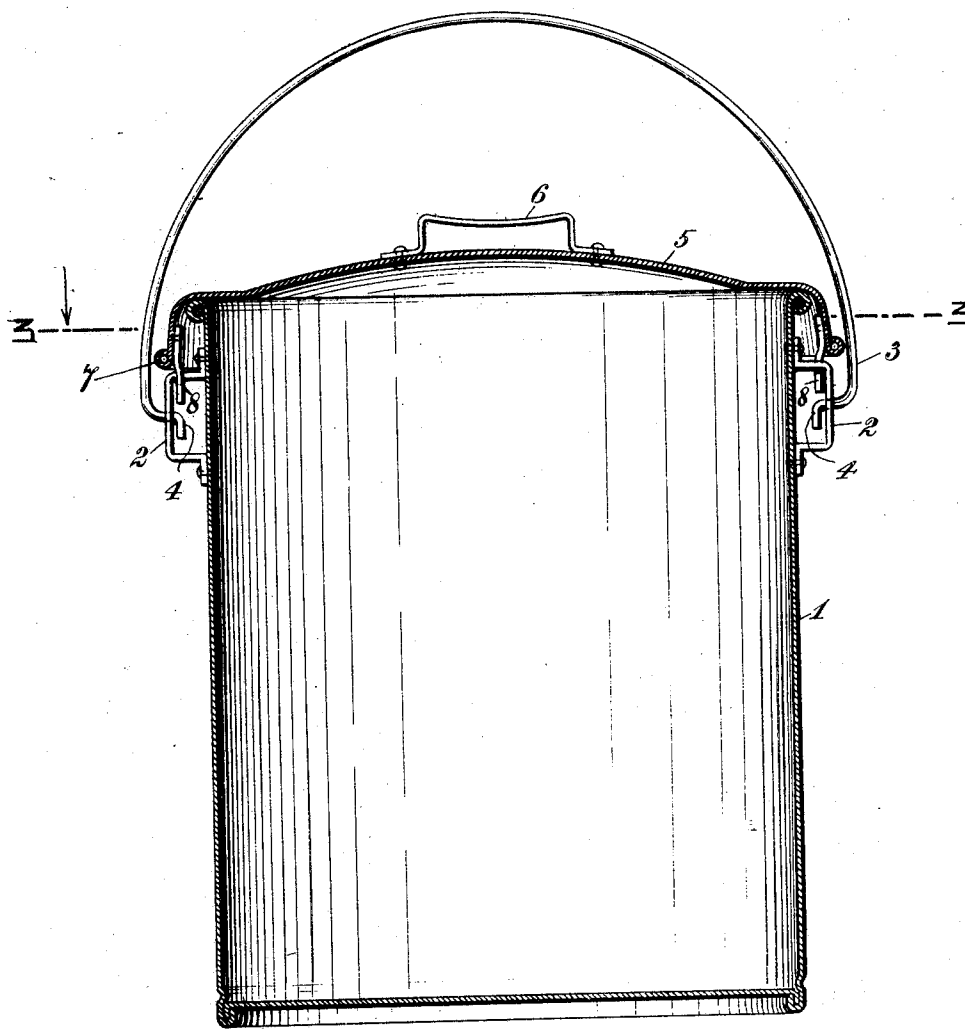
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PAIL

Filed Dec. 26, 1924

2 Sheets-Sheet 1

Fig. 1 -



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2 Sheets-Sheet 2

Fig. 2.

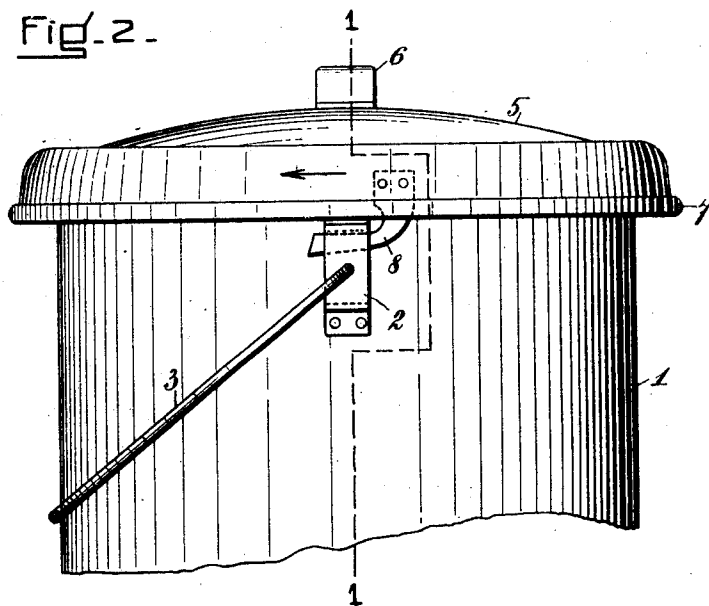
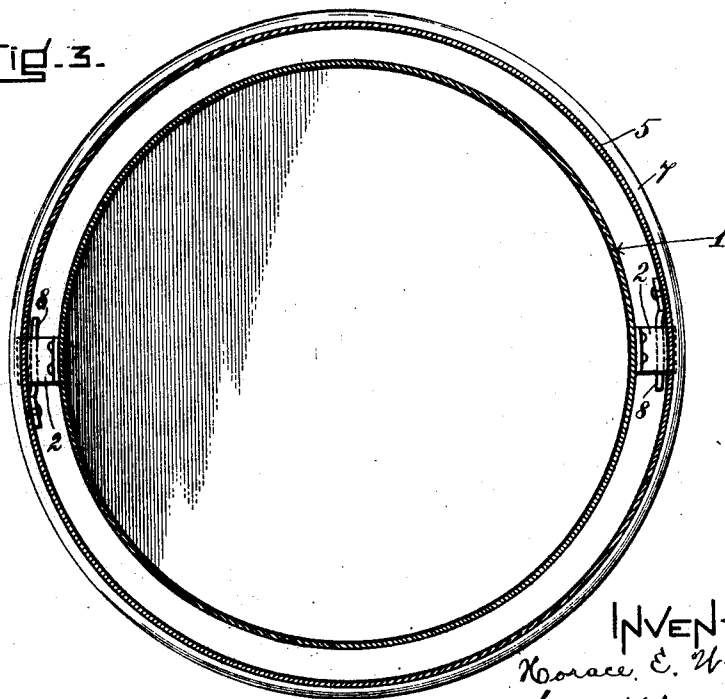


Fig. 3.



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UNITED STATES PATENT OFFICE.

HORACE E. WHITNEY, OF CAMBRIDGE, MASSACHUSETTS, ASSIGNOR TO DOVER STAMPING & MANUFACTURING COMPANY, OF CAMBRIDGE, MASSACHUSETTS, A CORPORATION OF MASSACHUSETTS.

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My invention relates to an improvement in pails, more particularly garbage pails or cans and has for its purpose the locking of the cover to the can by a very simple means so as to prevent the cover being accidentally knocked off.

My improvement will be understood by reference to the drawings in which it is shown in its preferred form,

Figure 1 being a vertical section on line 1—1 of Fig. 2;

Fig. 2 a side elevation of the upper part of the can showing the means of attachment, and

Fig. 3 is a cross section on line 3—3 of Fig. 1.

1 is the can or pail proper which may be constructed of sheet metal in any ordinary way. At each side near its upper portion are vertically disposed, looped ears or straps 2, riveted thereto, into holes in which are inserted the two ends of the bail 3, these ends being bent downward as at 4 to keep the bail in place without interfering with the cover attachment. It will be noted that the bail has the usual possibilities of swinging so that normally it may lie in the position shown in Fig. 2. 5 is the cover which has a usual handle 6.

The diameter of the cover 5 is considerably greater than the top of the can and overlaps the can as shown in Figs. 1 and 2 so that it may be easily put on and on two opposite sides it has riveted or otherwise attached to its depending flange 7 two hook-shaped members 8, these hooks being so located that the cover may be placed upon the can and on being given a twist these hooks 8 will slip into the ears or straps 2 which hold the bail. In practice, the cover is placed on the can or pail and is simply given a turn,

for example, in the direction shown by the arrow in Fig. 2 when the hooks will pass into the looped straps, beneath the tops thereof, thus locking the cover so that it can not be removed except by being turned backward in a direction contrary to that of the arrow.

It is evident that these hooks may be otherwise attached to the cover being riveted to the outside thereof if the cover and can are properly proportioned but I have found the arrangement shown is better because the attachment of the hooks being inside they do not add in any way to the diameter of the cover and when the cover is in place they are not in such position that the cover will be accidentally displaced except by using the handle 6. One great advantage of this arrangement is that it does not add materially to the cost of the pail as the straps 2 or their equivalent are needed for attachment of the bail to the pail and they are thus utilized for the two purposes of attaching the bail and also for engaging with the hooks.

What I claim as my invention is:

A metallic vessel having vertically disposed, sheet metal, perforated, looped straps or ears formed separate therefrom and permanently attached to the outside thereof near its top, said vessel having a cover provided with depending hooks adapted to be entered beneath the upper parts of said looped straps or ears, and said vessel having also a bail having bent ends inserted through the holes in said perforated straps or ears, said cover having a depending peripheral flange of much greater diameter than the top of said vessel and to the inside of which said hooks are attached so as not to extend outward beyond said cover.

HORACE E. WHITNEY.