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K. T. LIMM  
PACKING IN TINS  
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FIG. 1

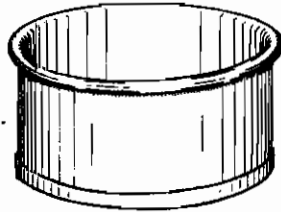


FIG. 5

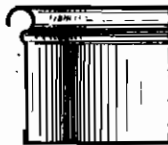


FIG. 2

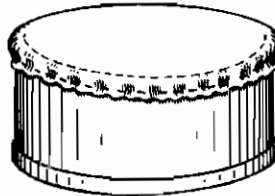


FIG. 3

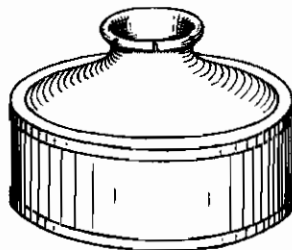
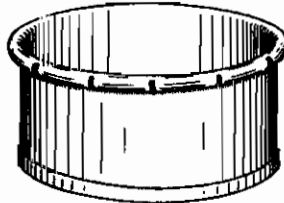


FIG. 4

*Inventor,*  
*King Theodor Limm*  
*By:* *Attorney.*

# ALIEN PROPERTY CUSTODIAN

## PACKING IN TINS

King Theodoor Limm, Soerabaja, Java, Netherlands East Indies; vested in the Allen Property Custodian

Application filed September 26, 1941

My present invention bears relation to the closing of tins.

The closing of tins, which serve as airtight packing by means of a cover that in most cases is soldered to the tin, is well known. In many cases also screw-lids are used.

The first-mentioned device often causes some difficulty by the opening of such tins. A knife is needed with which an opening must be cut. Also the soldering of the lid is a cumbersome, expensive work taking up much time.

A screw-lid is much less cumbersome as the opening of such tins does not cause so much trouble.

This latter device involves, however, trouble of another nature, especially if the tins must hold goods that are subject to deterioration.

In such cases it is considered of great importance, to prevent the use of such a tin, after it once has been opened, as a packing of the same sort of goods. This is made possible when such a tin box, after having been opened, cannot be closed again by the same lid.

To accentuate this the device involves the use of a kind of crowned cork, which is projected in such a way that it clamps round the bend rim of the receptacle, which clamping can, if necessary, be increased by making the rim of the tin box resilient.

When removing the crowned cork from the box also the rim of the box will be bent out of shape in such a way that a good closing of the box is not possible more.

To make the effect still greater the bend rim can be provided with incisions, which facilitate the deformation of the rim of the box.

For further elucidation we refer to the drawings that is added hereto, and on which, by way of example, schematically some projects are given according to the invention.

On Fig. 1 is shown a smooth, bend rim of a tin box. Fig. 2 shows a similar box closed by a crowned cork, while Fig. 3 shows the bend rim provided with incisions and Fig. 4 another form of a tin box.

Fig. 5 shows an example of a bend box-rim which rim is made resilient, which resiliency can be increased by cutting in the rim.

Such a closing of tin boxes with big crowned cork is new and affords the manufacturer the great advantage, that, when used on boxes containing goods which are liable to deterioration, these boxes can be easily closed without any cumbersome soldering; for the consumer it means that the tins can be easily opened, while the goods can be marked as unfit for use when the lid does not longer fit tightly on the box.

Tins with such a lid can also be used for the packing of fluids, for which tins with a screw-lid are less suitable. For further illustration we may refer to the following statement.

The butter-oil produced at Java has been packed to this moment in tins containing 1 litre, with a soldered lid. The average housewife will do 14 days with 1 litre oil. As soon as the tin has been opened the housewife has to put the oil in bottles, as it cannot be kept in an open tin. This decanting is very cumbersome and requires, moreover, a number of bottles.

Which advantages are obtained if this oil would be packed in tins with a closing according to the invention (f. i. in the shape as shown in Fig. 4).

1st. The butter oil-manufacturer can work more economically as the cumbersome, expensive and time-absorbing soldering could be suspended with.

2nd. The consumer will be able to open the tin with more ease.

3rd. The burdensome decanting is no longer necessary as the tin can easily be closed with a usual cork, while the oil can easily be poured out through the shape of the tin.

All taken in one, such a tin has all advantages of the ordinary tin, together with that of a bottle, but without the defects of same, such as cumbersome soldering, many troubles by the cutting of the lid, fragility and a heavier weight.

This invention gives much ease and economy to the producer as well as to the consumer, so that an important technical effect is obtained.

In this way a practical closing for tin packings is effected which means a solution in many ways, especially for fluid and deteriorable goods, which are for household-use.

KING THEODOOR LIMM,