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HANDLE SUPPORTING CLOSURE BAND FOR VESSELS

Filed March 29, 1928

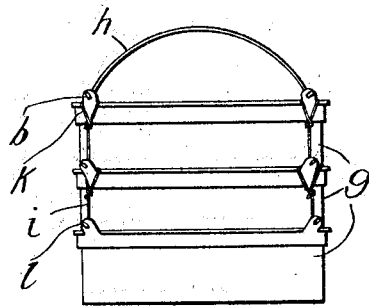
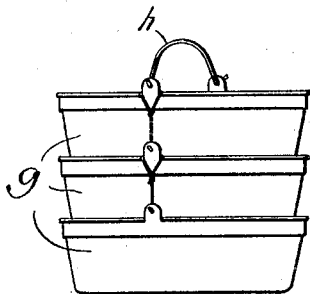
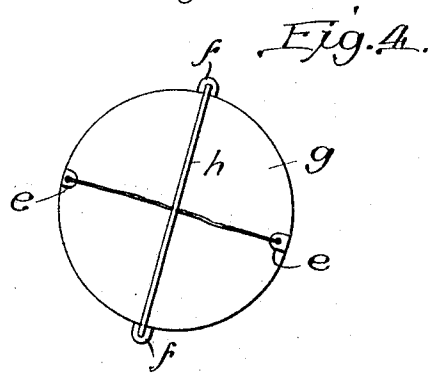
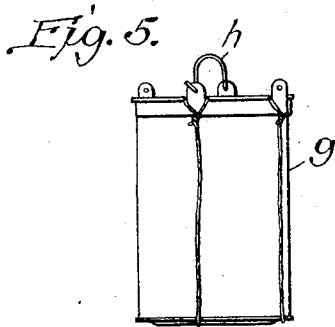
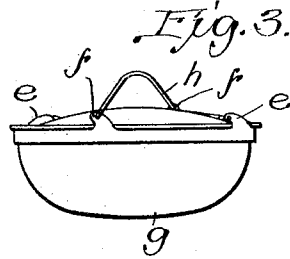
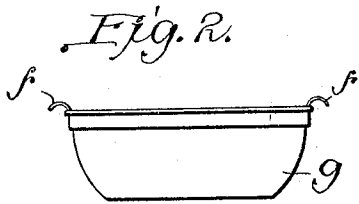
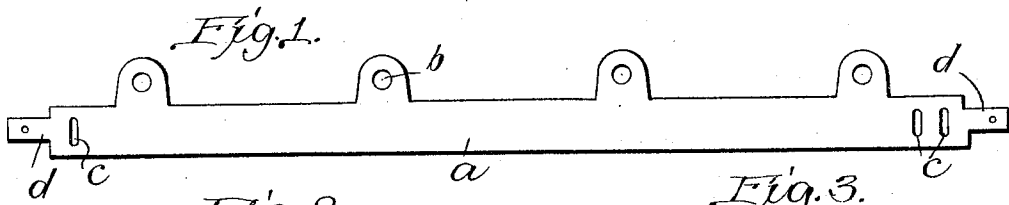
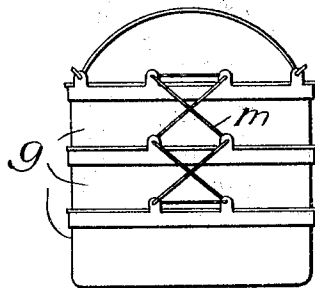


Fig. 6.

Fig. 7.

Fig. 6a



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UNITED STATES PATENT OFFICE

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HANDLE-SUPPORTING CLOSURE BAND FOR VESSELS

Application filed March 29, 1928, Serial No. 265,728, and in Germany February 26, 1927.

This invention relates to an annular closure band for vessels and is characterized substantially in this, that the band serves the purpose both of holding down the vessel cover of any size and for carrying one or more superposed and interconnected vessels, the band which is provided in a known manner with tongues being placed around the upper rim of the wall of the vessel in such a manner that some of the tongues are bent over inwardly for holding down the cover and the rest are used for transport purposes or for attaching a bail for carrying the vessel.

When several vessels are superposed on one another, the arrangement is such that the loop ends of the usual members for connecting the vessels are laid around the corresponding tongues of the annular closure band, their hook ends engaging in the corresponding tongues of the annular band of the lower vessel.

The connection of the vessels each provided with an annular closure band can also be effected by wire lashings or other attaching means being passed through the upright or outwardly bent tongues, the tongues of the top and bottom annular closure band acting as abutments for the horizontal parts of the lashings and the lashings themselves passing from tongue to tongue, preferably crosswise.

In the accompanying drawing several constructional examples of the invention are shown.

Fig. 1 shows the closure band alone,

Fig. 2 the use of the closure band with outwardly bent tongues in the form of handles for carrying dishes provided with a thickened rim,

Figs. 3 and 4 show the use of the annular closure band for supporting a carrying handle and at the same time holding down the vessel cover, in side elevation and plan view,

Fig. 5 is a side elevational view showing the use of the band according to the invention for carrying preserved foods,

Figs. 6 and 6^a are side elevational views showing the use of the band for carrying several superposed vessels with hooks and

Fig. 7 is a side elevational view showing

several vessels connected in superposed relation with wire lashings.

The band *a* preferably made of metal is suitably made smooth at its lower edge and is provided at its upper edge with tongues of any shape, all of which are perforated. This metal band is laid round the upper rim of the vessel *g* and is closed in any suitable manner. As shown in Fig. 1 the band has slots *c* for adjustably embracing the rim of the vessel with its ends *d*. The manner in which the band is closed is immaterial and may for instance be effected by soldering.

When using the band an effective carrying means for the whole vessel and a secure closure for the vessel cover can be provided by some of the tongues *b*, for instance the tongues *e* (Figs. 3 and 4) being bent inwards and the remainder, for instance the tongues *f* being directed upwardly and outwardly for acting as points of attachment for a separate handle *h*. According to Fig. 2 some of the tongues *f* may, more particularly in the case of dishes, be bent outwards only, being in this case preferably given the form of convenient handles. Airtight tins *g* for instance for preserved foodstuffs, may also be provided, as shown in Fig. 5, in a simple manner with handles *h* without it being necessary, just as in Fig. 2, to fix the handles *f* or *h* to the vessel *g* itself.

The vessel *g* provided with the metal band *a* may be superposed one on the other and be more or less rigidly interconnected according to requirement for instance by the provision of hooked members *i*. The loop part *k* of the hooked members *i* is suspended over the upper tongue *b* and the hook part *l* is inserted through the hole in the lower tongue. According as more or less tongues are to be utilized in this way for connecting separate vessels *g* together, the separate vessels *g* are held together more or less firmly. In place of the hooked members *i* a lashing *m* may be used, which extends preferably crosswise from one vessel *g* to another. In this way, for instance, several dishes containing hot food may be carried, without the necessity of providing a separate canteen holder. If some of the tongues *e* be used for holding down the covers of the vessels *g*, if any, it

will be obvious that dishes closed in this way are particularly suitable (used alone or as shown in the drawing several combined together) for carrying hot food to the place where a person is working, as they may be easily slipped into a woollen bag for the purpose of keeping the contents hot, without there being any danger of the cover not closing tightly through some unlucky chance or through not being placed on straight.

For transport as well the use of the metal band *a* plays an important part since the packing is made considerably simpler and cheaper. Through the provision of the holes in the tongues *b* any kind of lashing may easily be combined with the band *a* even where lashing would not appear to be necessary itself. The use of the closure band acting as a handle carrier in the case of glass and porcelain dishes makes the transport of such vessels considerably easier and cheaper. For use of the dishes in the kitchen it is of particular advantage that the metal ring can be taken off at any time. Glass or porcelain vessels of cylindrical or like shape are preferably provided at their upper rim with a groove into which the metal band is laid. In jar-like vessels this is not necessary as in this case they are always provided with a rib. More particularly in the case of small vessels of all kinds, the possibility of bending the tongues outwards enables them to be easily handled.

What I claim is:

1. An annular closure band for vessels characterized by the feature that the band serves the purpose both of holding down the vessel cover of any size and for carrying one or more superposed and interconnected vessels, the band which is provided with tongues being laid round the upper rim of the wall of the vessel in such a manner that some of the tongues are bent inwards for the purpose of holding down the cover and the remaining tongues can be used for carrying the vessel or for attaching a bail for carrying the vessel.

2. An arrangement as claimed in claim 1, wherein several of the vessels are superposed one on the other and wherein connecting members are provided and have their loop ends slipped over the corresponding tongues of the upper annular closure band and their hook ends inserted in the corresponding tongues of the annular band of the lower vessel.

In testimony whereof I have signed my name to this specification.

FRIEDA von ALVENSLEBEN, née WÄGNER.