

N<sup>o</sup> 17,558



A.D. 1914

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(Under International Convention.)

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Date claimed for Patent under Patents and Designs Act, 1907, being date of first Foreign Application (in Germany), } 26th July, 1913

Date of Application (in the United Kingdom), 24th July, 1914.

At the expiration of twelve months from the date of the first Foreign Application, the provision of Section 91 (3) (a) of the Patents and Designs Act, 1907, as to inspection of Specification, became operative

Accepted, 17th June, 1915

### COMPLETE SPECIFICATION.

#### Improvements in or relating to Hinges for Lids of Vessels.

I, LUDWIG RUCKERT, of 13, Blasiusgasse, Würzburg, Germany, Manufacturer of Tin Articles, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to hinges for lids of vessels and it consists of a hinge comprising eye-pieces of hard metal such as alloys and provided with lugs of the same metal. The lugs of one eye-piece are connected to a soft metal carrier arranged on the handle of the vessel by being cast into the same and the lugs on the other eye-piece are secured in a soft metal thumb piece on the lid by a similar operation, a single hinge pin being provided to connect the eye-pieces so that by its withdrawal the lid of the vessel may be readily detached as will be more clearly understood from the accompanying drawing, in which:—

Figure 1 shows the novel hinge on a vessel with the lid detached.

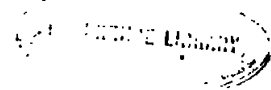
Figures 2, 3, 4 and 5 show transverse sections of the hinge.

Secured to the handle *b* of the vessel *a* is a hinge carrier *c* of soft metal. Secured to this carrier by means of lugs *f* which are connected therewith by casting is the eye-piece *d* of the hinge. Threaded on a hard metal pin *g* of the latter is the other eye-piece *d*<sup>1</sup> which is secured to the thumb piece of the lid *e* likewise by means of lugs *f*<sup>1</sup> entering the thumb piece and secured therein by casting. The eye-pieces *d*, *d*<sup>1</sup> together with their lugs *f*, *f*<sup>1</sup> consist of hard metal such as hard alloys. Each eye-piece may consist of several parts as shown whose number is optional. The hinge pin *g* of the eye-pieces consists likewise of hard metal as already stated and may be a smooth pin or a screw bolt. The lid is detached from the vessel in a simple manner by withdrawing this pin *g* as will be readily understood.

Having now particularly described and ascertained the nature of my said invention, and in what manner the same is to be performed, I declare that what I claim is:—

A hinge for lids of vessels comprising eye-pieces (such as *d*, *d*<sup>1</sup>) consisting of hard metal such as alloys and provided with shaped lugs (such as *f*, *f*<sup>1</sup>) cast

[Price 6d.]



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*Rucker's Improvements in or relating to Hinges for Lids of Vessels.*

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into a soft metal carrier (such as *c*) on the vessel and into a soft metal thumb piece on the lid respectively, the eye-pieces being formed in several parts if desired and connected by a single hinge pin (such as *g*) of hard metal so that the lid may be detached by the withdrawal of the hinge pin, substantially as described and shown.

Dated this 24th day of July, 1914.

DICKER, POLLAK & DERRIMAN,  
Chartered Patent Agents,  
Halton House, 20—23, Holborn, E.C.,  
Agents for the Applicant.

[This Drawing is a reproduction of the Original on a reduced scale.]

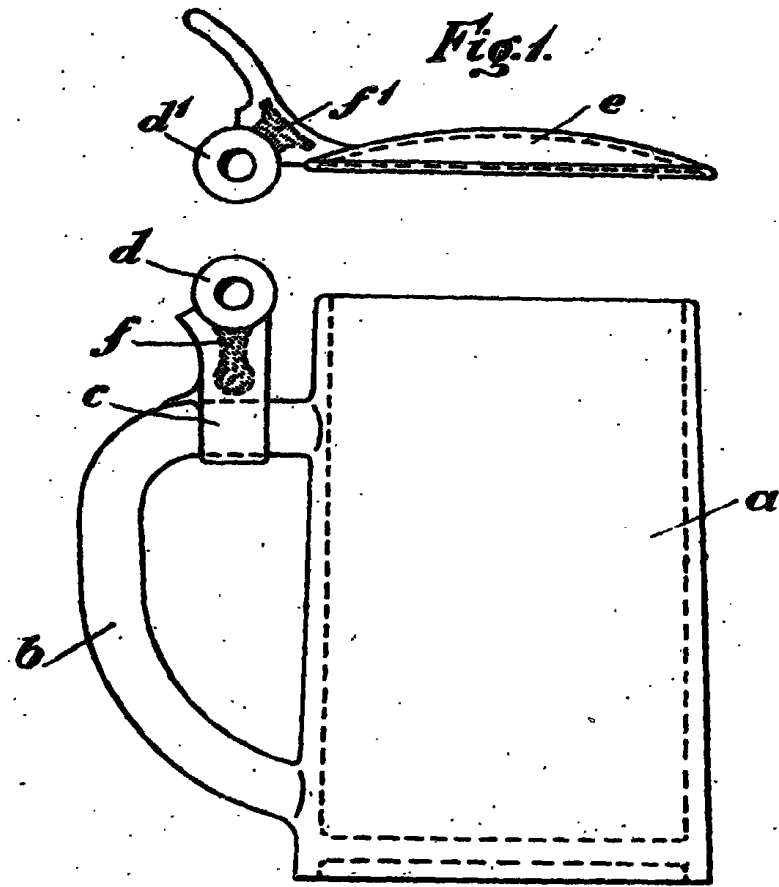


Fig. 2.

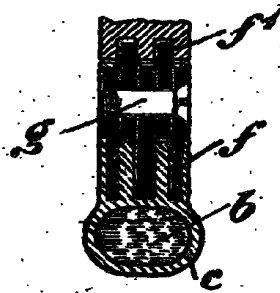


Fig. 3.

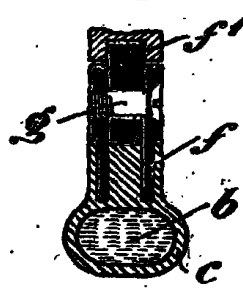


Fig. 4.

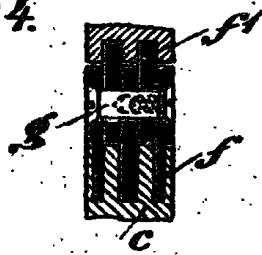


Fig. 5.

