J. E. JEFFORDS.

TEA-POTS.

No. 193,708. Patented July 31, 1877.

Fig. 1

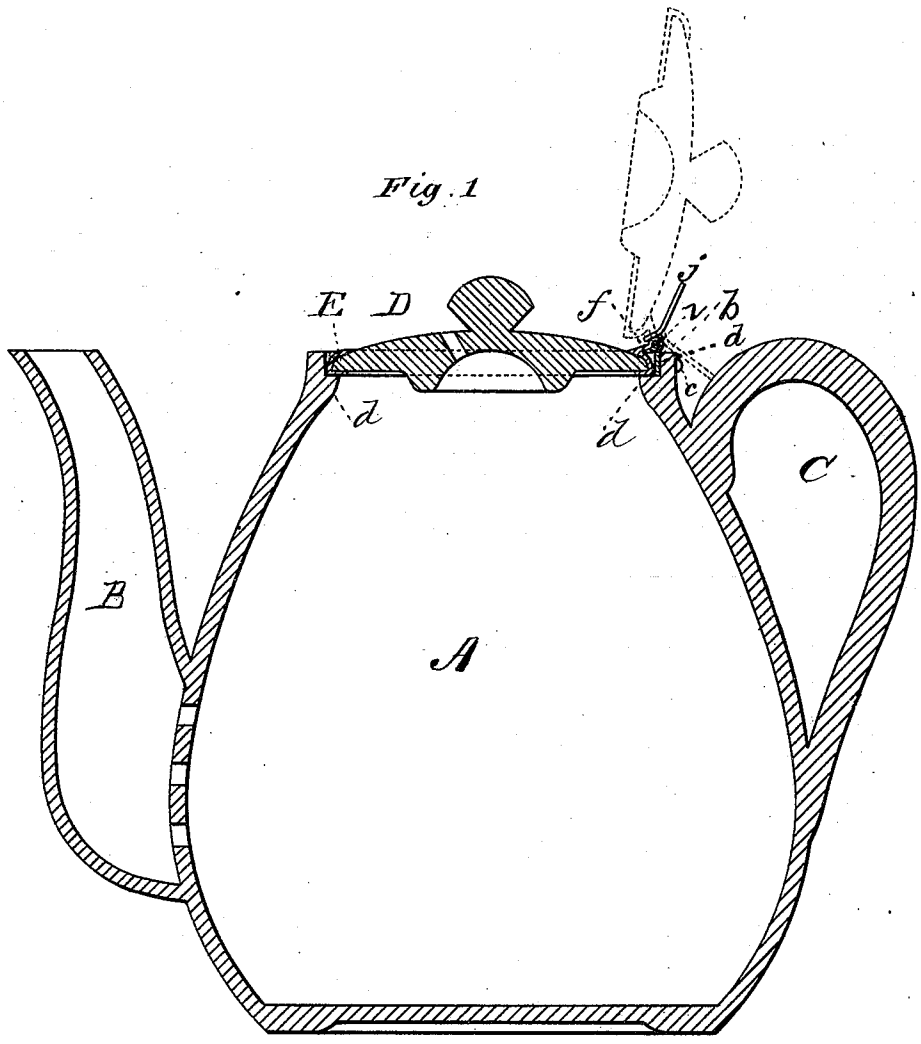
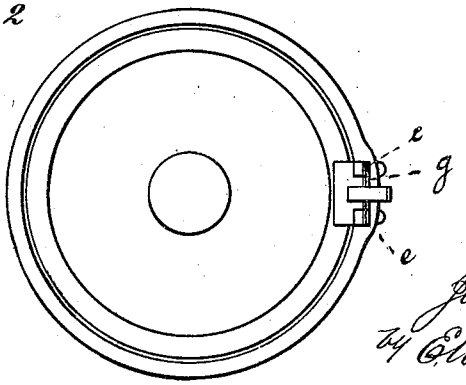


Fig. 2



WITNESSES

M. A. Utley.

F. J. Madsi

INVENTOR.

John E. Jeffords

by Ed. Anderson,

ATTORNEY

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JOHN E. JEFFORDS, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN TEA-POTS.

Specification forming part of Letters Patent No. **193,708**, dated July 31, 1877; application filed May 19, 1877.

To all whom it may concern:

Be it known that I, JOHN E. JEFFORDS, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and valuable Improvement in Tea-Pots; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a vertical central section of my improved tea-pot. Fig. 2 is a partial top view.

This invention has relation to improvements in earthenware tea-pots, and other like vessels.

The object of my invention is to devise means for strengthening the lids of said vessels, and for hinging them to the body in such a manner that they may be readily thrown back when required, and will be prevented from falling, and being either broken or breaking the cup into which the contents of said vessel are being poured.

The nature of the invention consists in a metallic rim, that is swaged or otherwise applied to the edge of the lid, having a metallic tang projecting therefrom, whereby it is hinged to the body of the vessel.

It also consists in a recess that is formed in the rim of the body of the vessel, in which is seated the stationary part of the hinge, whereby the lid is made to fit tightly in the mouth of the vessel, and the stationary part of said hinge is prevented from working when riveted in said recess.

It also consists in stops formed upon the stationary part of the hinge, by which the movable part thereof is prevented from being unduly thrown back, thereby straining the hinge, all as will be hereinafter more fully explained.

In the annexed drawings, the letter A designates the body of an ordinary earthenware tea-pot, having a spout, B, and, diametrically opposite thereto, a handle, C, in connection with which I propose to illustrate my invention. The body A will be provided with the usual supporting-ledge *d* for the lid D, which, as is usual, is received between the walls of the mouth of the vessel. *b* designates a recess formed in the inner surface of the wall of the throat adjacent to the handle. In this recess is fitted, and secured by means of rivets *c*, the stationary part *d* of the hinge. It is thus prevented from rotating and working loose, and is thrown back, so that it may not interfere with the lid. This wing *d*, at its lateral edges, is provided with registering-eyes. E represents a metallic rim, that is secured upon the edge of the lid by swaging or otherwise, so that it shall overlap both the upper and lower side of the lid, as shown in Fig. 1. This rim greatly strengthens the lid, and is provided with a projecting wing, *f*, of the same width as the wing *d*, that is provided at its extreme end with an eye, *g*, adapted to be received between the eyes *e*, and to be connected thereto by means of a suitable bolt, *l*.

The lid and body of the vessel are thus hinged together, and will so continue under ordinary circumstances. The former is thus prevented from falling during the pouring out of the contents of the vessel, and being broken or breaking the cup or vessel into which the liquid is being poured.

In order to prevent the hinge thus formed from being unduly strained when the lid is thrown back, the vibrating wing thereof is provided at its central part with an upwardly-projecting arm, *j*, the end of which abuts against the handle when the said lid is thrown back, thus preventing it from further movement, and from coming in contact with the said handle. This arm also serves as a thumb-piece, whereby the lid may be conveniently swung back upon its hinge.

Should the lid be cracked by any casual blow, the metallic rim will prevent the fragments from separating, and the said lid will be still effective.

What I claim as new, and desire to secure by Letters Patent, is—

1. An earthenware vessel-lid, having an annular metallic rim embracing its outer edge, said rim having a hinge and arm formed in one piece with it, substantially as specified.

2. The combination of the cover, having an-

nular rim, the hinge provided with a stop-arm, and the body of an earthenware vessel, constructed and arranged substantially as specified.

3. The stop-arm *j*, erected on the vibrated wing of the hinge, attached to the top and body of an earthenware vessel, and adapted to prevent the lid from striking against the handle, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JOHN E. JEFFORDS.

Witnesses:
CHAS. F. VAN HORN,
ALLEN H. GANGEWER.