S. M. LAUGHLIN.

Detachable Metallic Cover for Vessels Made of Pottery, Glass, &c.

No. 210,042. Patented Nov. 19, 1878.

Fig. 1.



Fig. 2.

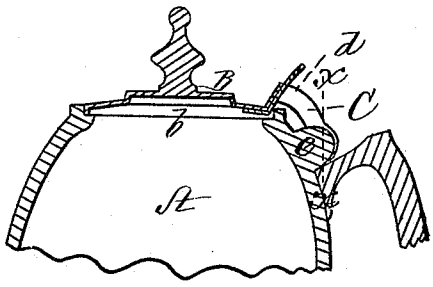


Fig. 3.

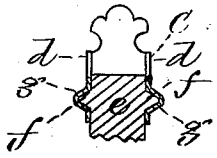


Fig. 4.

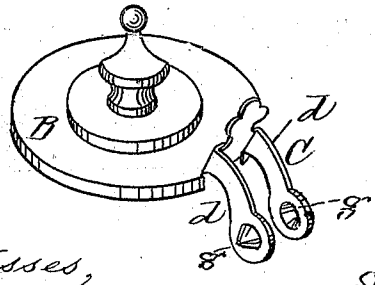
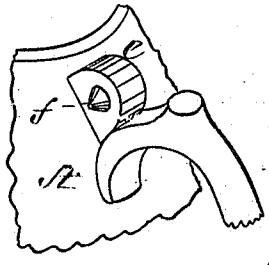


Fig. 5.



Witnesses,
J. Cambridge
F. Carswell

Inventor,
Shakespeare M. Laughlin,
Per Leschemacher & Stearns,
Attorneys.

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

UNITED STATES PATENT OFFICE.

SHAKESPEARE M. LAUGHLIN, OF EAST LIVERPOOL, OHIO.

IMPROVEMENT IN DETACHABLE METALLIC COVERS FOR VESSELS MADE OF POTTERY, GLASS, &c.

Specification forming part of Letters Patent No. **210,042**, dated November 19, 1878; application filed September 12, 1878.

To all whom it may concern:

Be it known that I, SHAKESPEARE M. LAUGHLIN, of East Liverpool, in the county of Columbiana and State of Ohio, have invented an Improvement in Detachable Metallic Lids or Covers for Vessels or Receptacles made of Pottery, Porcelain, Glass, &c., of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a perspective view of a tea-pot having my improved detachable lid applied thereto. Fig. 2 is a longitudinal vertical section through the center of the same. Fig. 3 is a section on the line *x x* of Fig. 2. Fig. 4 is a perspective view of the metallic lid detached. Fig. 5 is a detail.

My invention has for its object to provide a tea-pot or other vessel of pottery, porcelain, glass, &c., with a hinged metallic lid or cover, which can be readily applied or removed as occasion may require, which construction admits of the lid being again used for another vessel in case of the breakage of the one to which it was originally applied; and my invention consists in a lid having a hinge formed of two ears or plates, which are adapted to spring over or embrace a projection on the vessel, and are held in place thereon by teats or points on the projection entering corresponding sockets or recesses in the ears of the hinge, or vice versa, the hinge being capable of being sprung or spread apart in order to allow of the lid or cover being easily applied or detached.

To enable others skilled in the art to understand and use my invention, I will proceed to describe the manner in which I have carried it out.

In the said drawings, A represents a tea-pot formed of earthenware, having the ordinary opening *b* at its top, to which is fitted a metallic lid or cover, B. To the rear of this lid is attached a hinge, C, formed of two ears or plates, *d d*, preferably of spring metal, which are adapted to embrace and fit snugly against the sides of a projection, *e*, on the outside of the vessel A. This projection is provided on each side with a horizontally-projecting teat or point, *f*, which enters a corresponding socket or recess, *g*, formed in the outer end of the contiguous ear *d* of the hinge, when the latter is sprung over it, and by this construction a simple and inexpensive hinge is provided, which admits of the lid being easily removed for cleaning or other purposes and quickly replaced; and in case the pot should be accidentally broken, the lid B (which can be nicely finished and made exceedingly ornamental) can be readily removed and applied to another similar pot, thus enabling the cover to be utilized for an indefinite number of pots, and saving its cost, the pots being sold with or without covers.

Instead of the projection *e* being provided with teats and the hinge with sockets, the former may be furnished with sockets and the latter with teats without departing from the spirit of my invention. The projection *e* is always placed at the same distance from the upper edge of each pot, so that every lid will properly fit the opening *b* of any pot of a given size.

My invention enables me to dispense with the metallic rim heretofore placed around the upper edge of the pot, which is objectionable, as it has to be attached either by plaster, which soon becomes loose, or by means of rivets, the holes for which often occasion cracks in the pottery; and my invention also combines all of the advantages of a permanently-hinged lid with those belonging to a lid or cover made separate from and not hinged to the pot.

My improvement may be applied to vessels or receptacles of various descriptions made of pottery, porcelain, glass, &c., such as sirup, ice, and milk pitchers, chocolate-cans, &c.

I am aware that heretofore lids have been attached to glass and other similar vessels by means of a hinge made of pliable metal, and having two bifurcated legs, each leg having its bifurcations crimped around a lug on the glass vessel, the lid not being designed to be readily removable.

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

The removable metallic lid B, with its bifurcated hinge C, in combination with and adapted to embrace or spring over the projection *e* of the vessel A, to which it is attached by means of teats or points *f* entering corresponding sockets or recesses *g*, substantially as and for the purpose set forth.

Witness my hand this 9th day of September, A. D. 1878.

SHAKESPEARE M. LAUGHLIN.

In presence of—
W. J. CAMBRIDGE,
P. E. TESCHEMACHER.