

(No Model.)

G. H. ZIPH.
TEA KETTLE.

No. 453,686.

Patented June 9, 1891.

Fig. 1.

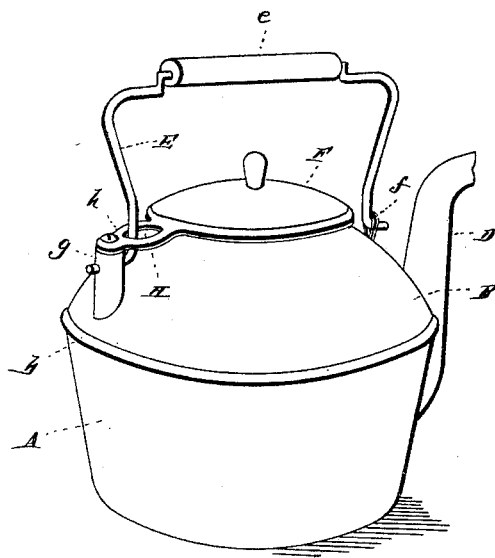
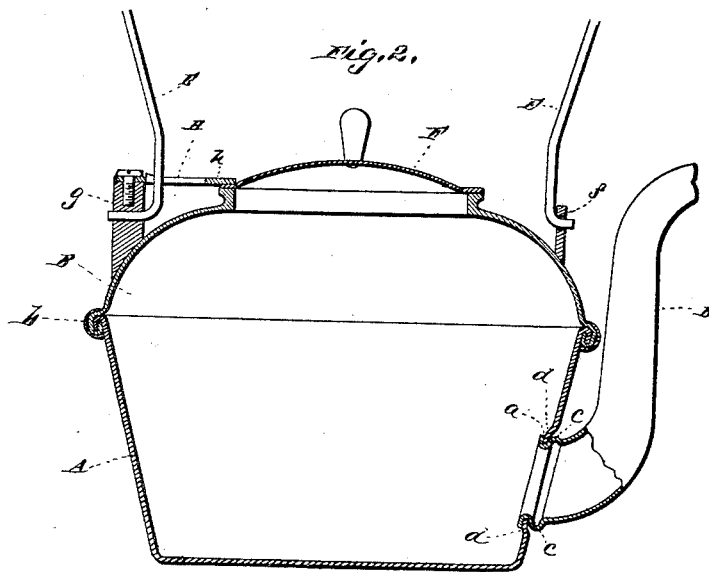


Fig. 2.



Witnesses
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GEORGE H. ZIPH, OF ST. JOSEPH, MISSOURI.

TEA-KETTLE.

SPECIFICATION forming part of Letters Patent No. 453,686, dated June 9, 1891.

Application filed November 7, 1890. Serial No. 370,665. (No model.)

To all whom it may concern:

Be it known that I, GEORGE H. ZIPH, a citizen of the United States, and a resident of St. Joseph, in the county of Buchanan and State of Missouri, have invented certain new and useful Improvements in Tea-Kettles; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation in perspective of my improved kettle, and Fig. 2 is a sectional view.

My invention relates to certain improvements in tea-kettles.

My main object is to connect the cover and bail of the kettle in such a manner that when the cover is closed it will hold the bail in an upright position, thereby preventing it from becoming heated; also, to connect them in such a manner that the movement of the bail to either side will cause the cover to open.

In the drawings, A represents the body portion of the kettle, which is provided with the opening or aperture *a* for the spout or nose, and B the breast portion. The body and breast portions may be joined together by means of a double lock or seam, as shown in Fig. 2, said seam or lock consisting of the meeting edges of the parts being bent over into a hook or U shape and locked into each other. The seam thus formed may be then covered by a small metal bead or band *b*, which may be crimped thereon, making a durable and strong joint. This bead is of half-oval form, giving a neat appearance to the joint.

D represents the spout or nose of the kettle, which may be provided near the end adapted to be secured to the body of the kettle with a small bead or flange *c*, which prevents its entering the aperture *a* beyond said bead. The side wall of the body of the kettle surrounding the said aperture may be formed with a small annular recess *d*, in which the bead *c* is adapted to rest. In attaching the spout the bead *c* is entered in the recess *d*, the inwardly-projecting end of the spout turned back against the side wall of the kettle, and the parts brazed both on the inside and the outside with hard spelter, thus forming a strong and durable joint.

I prefer to make the parts described of metal plate, as a kettle made of this material is more durable and will stand more hard usage than if made of other material; but it is evident that kettles made of other material may be provided with the joints herein described. When made of this material, the kettles may be plated with any desired plating or lacquer.

E represents the bail of the kettle, which is provided with the ordinary handle *e*. The bail is connected to the kettle by inserting its ends in the upwardly-extending lugs or ears *f* and *g*.

F represents the cover of the kettle, which is provided with the arm *h*, pivotally connected at its outer end to the lug *g*. Said arm is provided with the aperture *h*, which engages the bail, said bail passing therethrough, as shown. It will be seen by this means that the cover when closed will hold the bail in an upright position, thus preventing it from becoming heated, and, further, that the movement of the bail to either side of a vertical position will cause the cover to open, its return to a vertical position closing the cover. By this means the danger of burning the hand, as in kettles of the old style, where it is necessary to take hold of the cover in order to remove it, will be obviated.

It is evident that this manner of connecting the bail and cover may be applied to other vessels as well as to tea-kettles.

A kettle constructed in the manner above described will be strong, durable, and convenient.

I do not claim, broadly, a double seam; but I claim—

In combination with a bail, a lid or cover provided with a projecting arm pivoted to a lug or ear on the kettle and having between such pivoted point and the cover an aperture through which the bail passes, such connection of the bail and aperture serving to hold the bail upright when the cover is closed and to lower it when the cover is opened, all as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE H. ZIPH.

Witnesses:

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