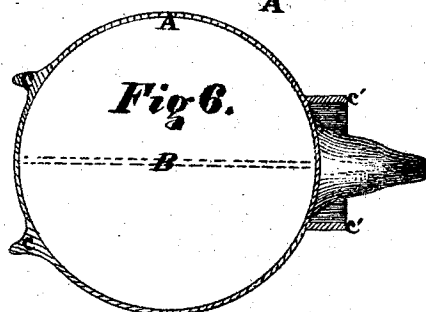
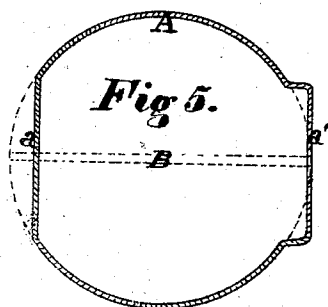
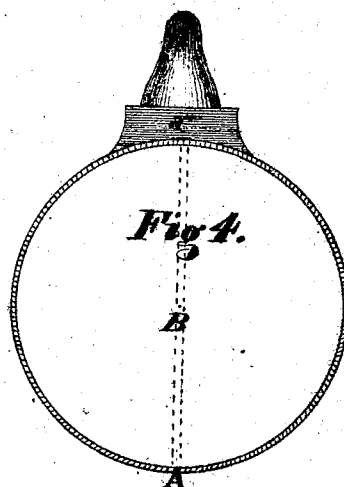
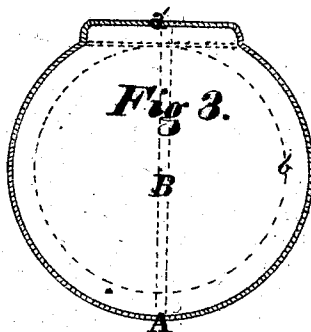
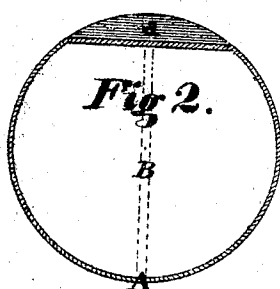
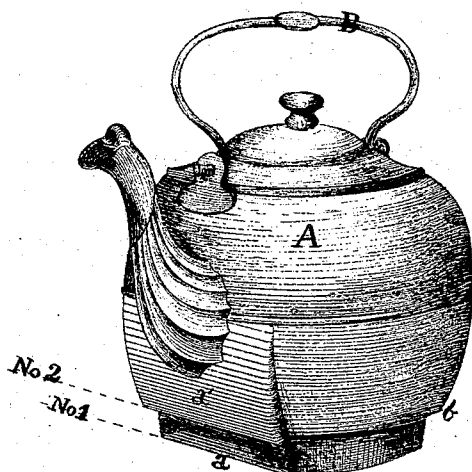


John Gibson Jr. Albany, N.Y.
Improvement in Tea Kettles and other
Hollow-ware Vessels for TILTING.

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Fig 1.

PATENTED AUG 1 1871



Witnesses.

John H. Gibson

A. L. Gibson

John Gibson Jr

Inventor

UNITED STATES PATENT OFFICE.

JOHN GIBSON, JR., OF ALBANY, NEW YORK.

IMPROVEMENT IN TEA-KETTLES AND OTHER VESSELS.

Specification forming part of Letters Patent No. 117,617, dated August 1, 1871.

To all whom it may concern:

Be it known that I, JOHN GIBSON, Jr., of the city and county of Albany and State of New York, have invented certain new and useful Tilting Improvements in Tea-Kettles, Stove-Pots, or other Hollow-Ware Vessels; and I do hereby declare that the following is a specification thereof, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 represents a perspective view of a tea-kettle, illustrating the invention in one of its phases, and its application to hollow ware. Fig. 2 is a vertical view from beneath, illustrating the improvement applied at dotted line No. 1 in Fig. 1. Fig. 3 is a sectional view through dotted line No. 2 in Fig. 1, illustrating the application of the invention, when applied to a vessel at its stove-seat. Fig. 4 is a vertical view from beneath, illustrating the invention applied to the spout of a tea-kettle. Fig. 5 is a vertical view of a stove-pot from below, illustrating two modes of application of this invention thereto. Fig. 6 illustrates several other modifications of this invention, applicable to stove-pots, tea-kettles, or other vessels.

By my invention the tendency of such vessels as described to roll or swing laterally while being poured from, no matter whether seated in a stove-hole or not, is entirely obviated, and the tilting required to effect the pouring from such vessels can be readily performed, even by a child, without any inconvenience or danger whatever. The nature of my invention consists in furnishing at the edge of the pit of such vessels, a flattened place, as shown, or in furnishing such vessels with one or more projecting bearings above the line of the pit or stove-seat, which arrangement will give a steady bearing for the vessel on the stove or other surface supporting the vessel during the operation of tilting.

To enable others skilled in the art to make and use my invention, I will proceed to describe it in reference to the drawing and the letters of reference marked thereon, the same letters indicating like or similar parts.

In the drawing, A represents the body of a tea-kettle or other vessel. B is the bail-handle, used to lift and decant the same, on the usual rounded edge of that portion of the vessel which enters into the pot-hole of a stove or the like,

and which is usually termed the pit of the vessel. I make a flattened surface, *a*, as in Figs. 1 and 2, of, say, three or four inches width of face, more or less, which flattened surface I denominate a "resting-face." The said resting-face is so formed or located that its line of extension will be in a direction at right angles to the bail-handle B when the same is upright, as shown in the several figures; or my improvement may be applied to a vessel above the line of the pit or stove-seat by constructing a projecting resting-face, *a'*, as in Figs. 1, 3, and 5, or by constructing equivalent projecting horns or bearings, as shown by *a''*, Fig. 4, and by *c* and *c'* in Fig. 6. When the said resting-faces are applied to stove-pots and the like, which vessels are apt to be tilted in either direction in line with the bail-handle, I would prefer to have two such resting-faces, one placed opposite the other, and at right angles with the bail-handle, though they may be placed otherwise if desired. The said resting-faces may be extended vertically, if desired, or may be made to consist, in the same vessel, of a combination of both *a* and *a'*, as shown in Fig. 1. Ribs, either vertical or horizontal, or horns, or points, or projecting ledges, as *c* or *c'* in Fig. 6, could also be employed to effect the same condition of the vessel, and serve as equivalents for the said resting-faces *a* or *a'*.

To operate with this invention the operator grasps the handle B and tilts forward with the same, when the resting-face or faces *a*, or *a'*, or *a''*, will be brought to bear on the surface of the stove or other support in such a manner that the said vessel will not swing or roll while being decanted.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In tea-kettles, stove-pots, and other hollow-ware vessels, the "resting-face" *a*, or its equivalent, when made on the pit of such kettle or other vessel, substantially as and for the purpose set forth.

2. In tea-kettles, stove-pots, and other hollow-ware vessels, the "resting-face" *a'*, constructed substantially as shown, or equivalent projecting horns, points, or bearings, substantially as described, for the purpose set forth.

Witnesses: JOHN GIBSON, Jr.

JNO. H. GIBSON,
A. L. GIBSON.