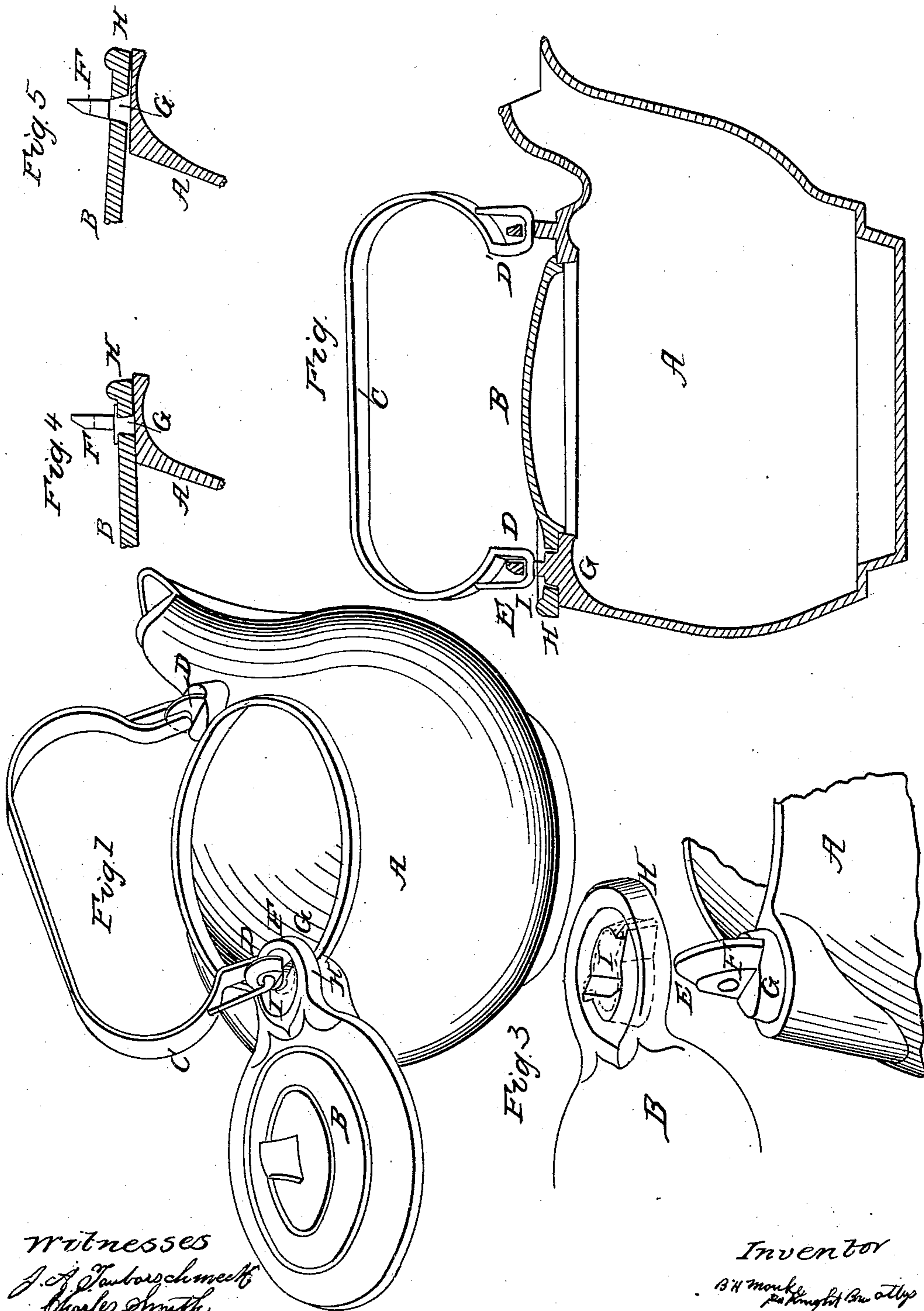


B. H. MONKE.

Tea Kettle.

No. 37,423.

Patented Jan. 13, 1863.



Witnesses
J. J. Tambor
Charles Smith

Inventor

B. H. Monke
per Knight & Co. attys

UNITED STATES PATENT OFFICE.

BARNEY H. MENKE, OF CINCINNATI, OHIO, ASSIGNOR TO CHAMBERLAIN & CO.

IMPROVEMENT IN TEA-KETTLES.

Specification forming part of Letters Patent No. 37,423, dated January 13, 1863.

To all whom it may concern:

Be it known that I, BARNEY H. MENKE, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Improvement in Bailed Hollow Ware; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the annexed drawings, making part of this specification.

My invention relates to a form of tea-kettle or other bailed and covered hollow ware having a swing-lid pivoted to a peculiarly-shaped ear, and secured by the bail, which ear may be a part of the kettle-casting itself.

Figure 1 is a perspective view of a kettle embodying said improvement. Fig. 2 is a vertical section thereof. Figs. 3, 4, and 5 are detached representations of the joint or pivoted connection.

A is a cast kettle.

B is a lid, adapted to be swung open or shut in its own plane by being pivoted to one of the bail-ears, as hereinafter explained.

C' is the bail, the insertion of which and the peculiar form of the ear constitute the sole fastening of the lid.

Cast in one piece with the kettle are the ears D D', of which one ear, D, has its upper portion or head chamfered E, and with projections F beyond the lower portion or neck, G, which neck has the form of a conic frustum.

H is a lug projecting from and in the plane of the lid, and having an aperture, I, so formed and flared downward as to correspond in one position with the chamfered head and conical neck of the ear D. These relative specific forms of the aperture I and ear D enable the

attachment or detachment of the lid only when brought to the upward canted position of Fig. 5. When once attached, it is impossible for the lid, by its weight alone, to become detached or get out of place, so that it may be opened in either direction or swung clear around with impunity, and even when swung entirely back the slight natural sag of the lid causes the projections F of the head to overlap the lug, as shown in Figs. 1 and 4 and by red dots in Fig. 3. Should a lid become broken, it may be replaced in a few moments by the temporary withdrawal of the bail and insertion of a fresh lid in the manner shown in Fig. 5.

It will be seen that this kettle may be composed of the usual number of parts, three, and that it may be manufactured as easily and cheaply as the common form.

I do not claim pivoting the lid to one of the bail-ears and securing it thereon by the insertion of the bail, as described in Letters Patent granted to Ezra Ripley on the 1st of January, 1861; but

I claim as an improved manufacture of bailed and covered hollow ware—

The pot or kettle A, having the described chamfer-headed and conical-necked ear D, and correspondingly-perforated lid B, the whole being secured by the insertion of the bail in the manner set forth.

In testimony of which invention I hereunto set my hand.

B. H. MENKE.

Witnesses:

GEO. H. KNIGHT,

A. E. CHAMBERLAIN.