(No Model.)

# J. C. MILLIGAN.

## HANDLE FOR PITCHERS AND HOUSEHOLD ARTICLES.

No. 304,743. Patented Sept. 9, 1884.

Fig. 1.

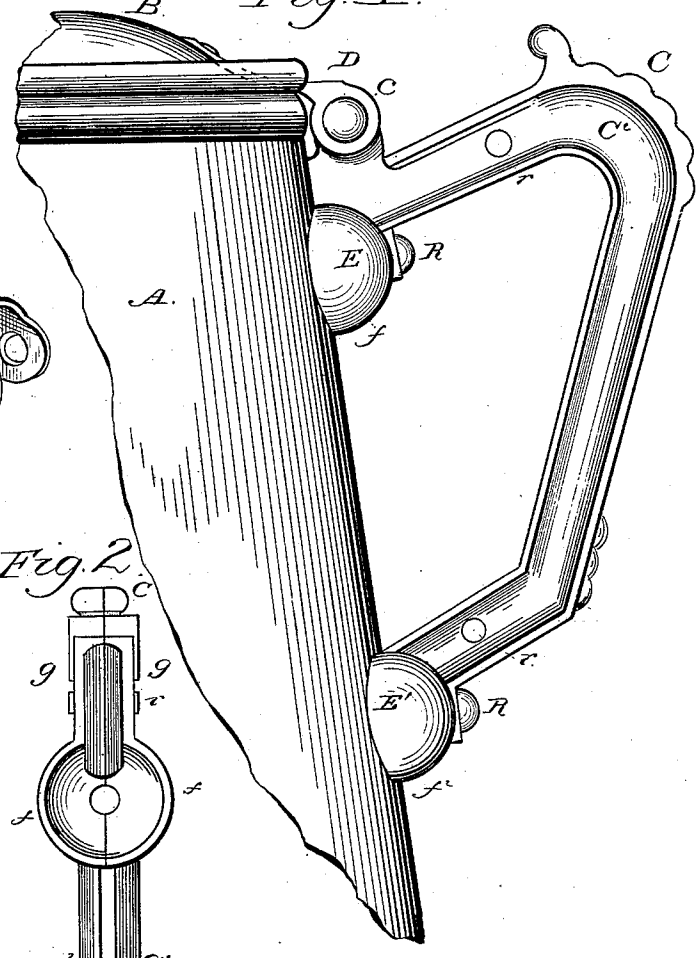



Fig. 5.

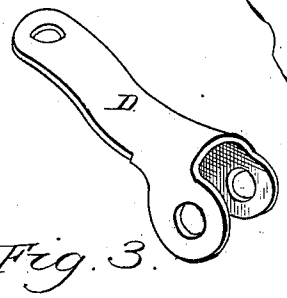



Fig. 3.

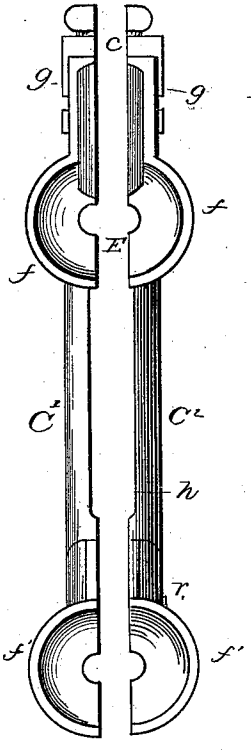



Fig. 2.

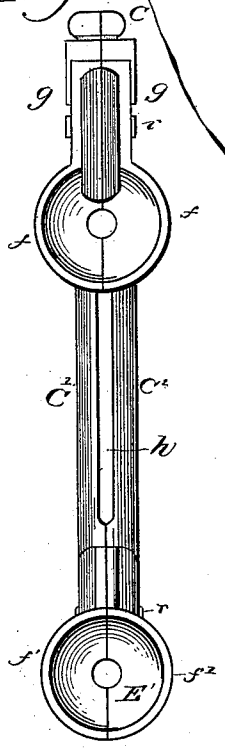
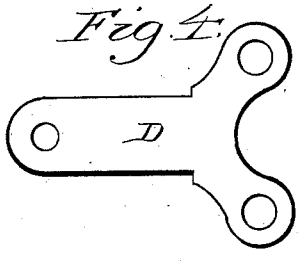



Fig. 4.




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# UNITED STATES PATENT OFFICE.

JOHN C. MILLIGAN, OF BROOKLYN, ASSIGNOR TO THE LALANCE AND GROSJEAN MANUFACTURING COMPANY, OF NEW YORK, N. Y.

## HANDLE FOR PITCHERS AND HOUSEHOLD ARTICLES.

SPECIFICATION forming part of Letters Patent No. 304,743, dated September 9, 1884.

Application filed August 6, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN C. MILLIGAN, of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Pitchers; and I do hereby declare that the following is a full, clear, and exact description of the invention, which 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 the letters of reference marked thereon, which form part of this specification.

My invention relates to pitchers and other liquid-containing vessels, and has for its object to so simplify the construction of such articles as to reduce to a minimum their cost of manufacture, and, further, to very materially enhance their durability and usefulness as an article for household use.

The invention has for an additional object to so construct certain parts of a pitcher or other liquid-containing vessel, as to greatly reduce their weight, and at the same time preserve their strength, thereby permitting a better freedom of handling when in use.

With these ends in view my invention consists, substantially, in the parts as constructed, and in such other details as will hereinafter be distinctly described, and pointed out in the claims.

Referring to the annexed sheet of drawings, Figure 1 represents a vertical elevation of a pitcher or other vessel embodying my improvements in connection therewith. Figs. 2 and 3 are views of the handle, showing, respectively, its two sides or portions when separated and when united, to more clearly indicate the construction. Fig. 4 is a view of the uniting-tongue for the lid to the handle before it is bent or compressed into form. Fig. 5 is a view of such tongue when formed for uniting the parts.

Reference being had to the several parts by the letters, A represents the main body of the pitcher or other liquid-containing vessel, provided with the usual lid or cover, B, and handle *c*. This handle is formed of two longitudinal separate portions, $c^2$ $c^2$, which may be cast or formed of any suitable material, and are each the counterpart of the other. When united, they form a perfect handle, the outer edge at portions thereof being corrugated, by which a better gripping or grasp of the same can be effected. At the upper and lower ends they are formed into semi-spherical bosses E and E′, by which an increased bearing is obtained against the side of the pitcher or vessel. These bosses are hollow, their edges being the bearing-surfaces against the vessel, which feature is in itself a valuable one, as in the case of a glazed vessel the glazing is less liable to crack and peel off from the effects of heated contents than would be the case were the whole surface of the bosses in contact with the vessel. The parts *f f*, which form the boss at the upper end, are formed with elongations or extensions *g g*, which form an offset or lug, *c*, to which the rearward bifurcated end of the uniting-tongue D is hinged by a pintle or rivet, as shown. This tongue D consists of a single piece of metal, bifurcated at its rear end to form the projections or ears *d d*, which are provided with holes for the passage of the holding-rivet. Its longer extremity forms a tongue that is passed through a hole or slot in the lid B from beneath, and then secured to said lid from the outer side by a rivet. (See dotted lines, Fig. 1.) The projections or ears *d d* are bent at about right angles to coincide, by which the tongue is made to embrace the two sides of the lug *c*. By this construction a broad bearing for the hinge-tongue D is gained, as will be apparent.

The handle is secured to the vessel by rivets R R, as shown, and at the edges of the two portions thereof, when united, they are so constructed as to leave an opening, *h*. By this the hollow handle is less liable to retain heat absorbed from heated contents of the vessel, for the reason that cool air will continually enter it through the opening to displace the warm or heated air.

Having described my invention, what I claim is—

1. In a pitcher and other liquid-containing vessels, the combination, with the cover B and the bifurcated hinge-piece, of the handle and the lug-support *c*, substantially as described.

2. A pitcher or other liquid-containing vessel, consisting of a body provided with a handle made in two separate parts, and attached to such body by means of bosses, the upper boss having an elongation or lug, in combination with a cover having an opening or slot,

and the bifurcated tongue having ears embracing the sides of said lug and secured by a rivet, the longer extremity of said tongue passing through the slot in the cover, and secured substantially in the manner and for the purpose set forth.

3. In a pitcher or other liquid-containing vessel, the combination, with the main body, of a handle made of two counterpart portions, constructed, when united, to form the opening *h*, lug-support *c*, and semi-spherical bosses R R, the lid or cover B, and the bifurcated hinge-piece pivoted to said lug-support, and uniting with the lid, substantially in the manner and for the purpose set forth.

4. A handle for household or culinary vessels, made in sections, which, being united, form semi-spherical bosses at their ends hollowed out and formed to fit the contour of the body of the vessel, the upper boss having a prolongation to also fit the body of the vessel and form lugs for lid-hinges, in combination with a bifurcated hinge-piece adapted to be secured to the lid, substantially as described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

JOHN C. MILLIGAN.

Witnesses:
JAMES COCHRAN,
THEO. A. PERHAM.