

(No Model.)

T. F. WALTERS.
SUPPORT FOR TILTING VESSELS.

No. 474,886.

Patented May 17, 1892.

Fig 1.

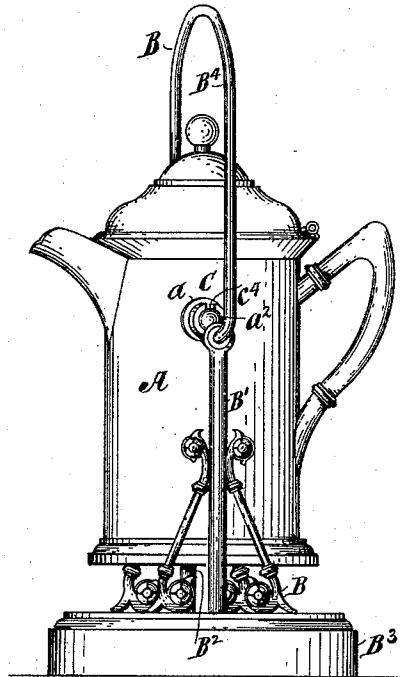


Fig. 3.

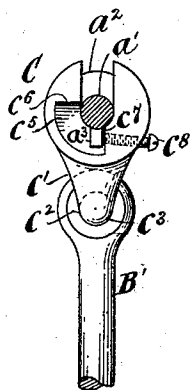
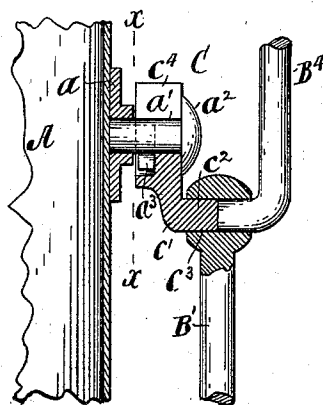


Fig. 2



Witnesses

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Inventor

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UNITED STATES PATENT OFFICE.

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SUPPORT FOR TILTING VESSELS.

SPECIFICATION forming part of Letters Patent No. 474,886, dated May 17, 1892.

Application filed February 8, 1892. Serial No. 420,660. (No model.)

To all whom it may concern:

Be it known that I, THOMAS F. WALTERS, of the city of Brooklyn, county of Kings, and State of New York, have invented a new and useful Improvement in Supports for Tilting Vessels, of which the following is a specification.

The object of my invention is to provide supports in which a vessel—such as an ice-pitcher—may be pivotally supported, and containing means to limit the motion thereof in either direction when used, and also means to prevent the accidental withdrawal of the pitcher therefrom when tilted.

Heretofore ice-pitchers have been provided with projections apart from their supports, arranged to strike against the standards or frames containing the supports. This arrangement tends to damage the frame, especially if of an ornamental character, and detracts from the appearance of the pitcher and produces noise by the violent contact of the projection against the frame when released after use.

In the accompanying drawings, Figure 1 is a side elevation of an ice-pitcher containing my improvement. Fig. 2 is a vertical section of one of the supports and showing portions of the pitcher and frame; and Fig. 3 is a section taken at the plane of the line *x x*, Fig. 2.

A designates an ice-pitcher of ordinary construction and material.

B is a frame of suitable construction and ornamentation and here shown as consisting of standards *B'* *B''*, secured to a base *B'''*, and united by an arched portion *B''''*, rigidly secured to the standards.

The pitcher *A* is supported on opposite sides in supports of similar construction, and consequently a description of one will suffice for the other. *a* is a disk or plate secured to the pitcher and having a pivot *a'* rigidly attached thereto. This pivot is provided with a head portion *a''* and a pin *a'''*, projecting radially therefrom. *C* is a support, which may be of cast metal, in disk form, having an extension *c'* on its lower edge, from which a pin *c''* projects to enter a socket *c'''* in one of the standards and be rigidly secured therein by solder or other suitable means. The upper edge of this support is provided with a notch *c''''* to re-

ceive and support the pivot *a'*, whose head portion *a''* abuts against the outer side of the support and prevents lateral motion of the pivot within the notch. *c''''* is an arc-shaped recess to receive the pin *a'''* and extends around the inner side of the support in one direction sufficiently to permit the pitcher being tilted the requisite extent to withdraw its contents. When the pitcher is thus tilted, the pin *a'''* comes in contact with the end wall *c'''''* of the recess and further motion thereof is prevented. In this position the pivots of the pitcher are prevented from being lifted out of the notches of the supports and the tendency to displace the pitcher by using too great a force is obviated. The opposite end wall *c'''''* of the recess serves to limit the motion of the pitcher after it has reached its normal position when released from its tilted position. Preferably an adjusting-screw *c''''''* is used for this latter purpose, the screw passing through the support into the recess in the path of the pin *a'''*, whereby this stop may be adjusted to properly correspond with the normal position of the pitcher.

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

1. In combination, a pitcher provided with pivots, each having a pin projecting radially therefrom, supports attached to standards, each notched on its upper edge to receive and support a pivot and having an arc-shaped recess to receive the projecting pin of the pivot and adapted to limit the motion thereof in either direction, and means to prevent lateral motion of the pivots within the supports, substantially as described.

2. The combination, with a pitcher provided with pivots, each having a pin projecting radially therefrom and a head portion, of supports attached to standards, each notched on its upper edge to receive and support a pivot and having the head portion thereof abutting on one side, and an arc-shaped recess on its opposite side adapted to receive the projecting pin of the pivot and limit its motion in either direction, substantially as described.

3. In combination, a pitcher provided with pivots, each having a pin *a'''* projecting radially therefrom, supports *C*, attached to stand-

ards, each of said supports being notched on its upper edge to receive and support a pivot and having an arc-shaped recess c^5 on one of its sides, adapted to receive the radial pin a^8 5 of the pivot and limit the tilting motion of the pitcher, and the adjustable screw-threaded stop c^8 , extending through each support into

the recess c^5 to limit the motion of the pitcher when in its normal position, substantially as described.

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Witnesses:

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