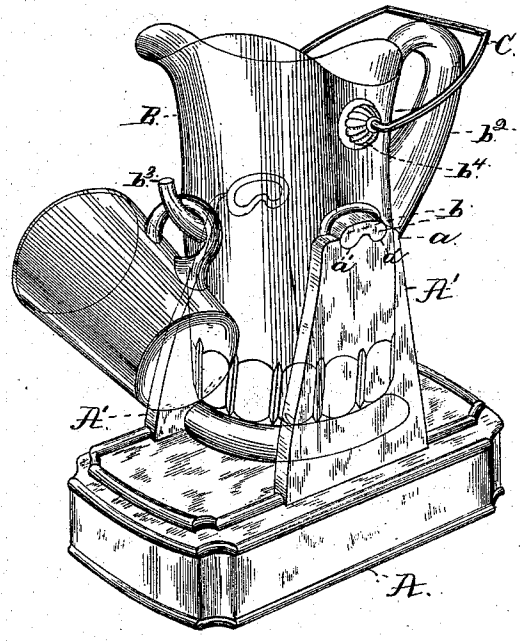
(No Model.)

W. ZIMMER.

TILTING VESSEL.

No. 295,849. Patented Mar. 25, 1884.



Witnesses
H. A. Clark.
Jno. C. Schroeder.

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UNITED STATES PATENT OFFICE.

WILLIAM ZIMMER, OF BELLAIRE, OHIO.

TILTING VESSEL.

SPECIFICATION forming part of Letters Patent No. 295,849, dated March 25, 1884.

Application filed November 3, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM ZIMMER, of Bellaire, in the county of Belmont and State of Ohio, have invented a new and useful Improvement in Tilting Vessels; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

The object I have in view is to produce in glass or earthenware a tilting pitcher, jug, pot, or other vessel adapted to contain liquids, which may be made cheaply, and yet will be convenient and durable, and present an attractive appearance; and my invention therein consists in a glass or earthenware base adapted to be made in one piece in a mold; a glass or earthenware pitcher or other vessel, also adapted to be made in one piece in a mold; in the means employed in pivoting the vessel to the base; in a hook for holding a cup upon said vessel; and also in the various combinations of the several parts, all as more fully hereinafter described and claimed.

To instruct others how to make my improvement, I now describe the same particularly, having reference to the accompanying drawing, in which is shown a side elevation in perspective of my tilting pitcher and base.

In the drawing, A denotes the base, which may be of any desirable form, material, and size, it being only requisite that it shall afford a sufficiently firm support to the pitcher or other vessel suspended upon it, and that it be of a configuration which may be made conveniently in a mold or press, and glass or earthenware is preferred. In the instance shown in the drawing, this base is nearly rectangular, with vertical walls and with the ends slightly curved outwardly, and the corners recessed a little; and it is preferred from motives of economy to have it hollowed out on the under side; but it is evident that without the exercise of invention the form may be changed to suit the taste or requirements of the consumers. Upon the sides or ends of the base are two vertical standards, A′ A′, which, preferably, on account of increased strength taper toward the top *a*, and extend upwardly a sufficient distance to support the pitcher or other vessel, which is suspended between them, so that it may be tilted. In the top of these standards are two recesses, *a′ a′*, curved downwardly, serving as bearings to support the vessel, the object being to receive two corresponding connected ears or journals upon the vessel presently to be described. It is evident, however, that the recesses or bearings *a′ a′*, instead of being curved downwardly, may be curved upwardly, and the corresponding connected ears or journals may also be recessed, so as to fit over such upwardly-curved bearings. The object of employing two recesses is to have the pitcher or other vessel held normally and securely in a vertical position, and to require some effort to tilt it, the action of tilting being to lift one of the ears or journals out of its recess, and to cause the other ear or journal to act as a pivot on its proper bearing. I have described and shown in the drawing these standards A′ A′ as of a particular construction; but I do not wish to confine myself to such construction, as it is evident that they may be made in a variety of forms, the essentials being that they shall have sufficient strength and be adapted to be pressed in one piece with the base. The pitcher, jug, pot, or other vessel, B, is suspended between these standards by means of double connected ears or journals *b b*, those shown in the drawing being a single piece with downwardly-curved ends adapted to fit into the recesses *a′ a′* of the standards; but as before stated these ears may be made with upwardly-curved recesses to correspond with upwardly-curved bearings. In either mode of construction the pitcher is detached from the base by simply lifting it. The pitcher, jug, or other vessel is provided with a handle, b^2, for tilting it conveniently, and with a hook, b^3, to hold a drinking-cup; and it may have bosses b^4 to receive a lifting and carrying bail, C, made out of spring metal and held in place by springing its ends into said bosses, and detached by springing the ends out of the bosses; but either the hook or the bail may be dispensed with.

In the drawing a pitcher is shown of a certain construction; but I do not wish to confine myself to such pitchers, or to any pitchers, but desire to include jugs, pots, and all kinds of vessels adapted to hold liquids. I prefer to have the fixed handle, the bosses, and the hook all adapted to be made in one piece, as the

same can thus be made with greater economy; but I do not desire to be confined to such a construction, as these pieces can be made separately and secured to the vessel by well-known methods.

In the way described I am enabled to produce tilting vessels of glass or earthenware in a very cheap way, and have them present an attractive appearance, and also be strong and durable.

Having thus described my improvement, what I regard as new therein, and desire to claim as my invention, is—

1. A base for a tilting vessel composed of glass or earthenware, with vertical standards provided with double bearings for the tilting vessel, substantially as described.

2. A pitcher, jug, pot, or other vessel composed of glass or earthenware, provided with double connected journals, substantially as described.

3. The glass or earthenware tilting pitcher, jug, pot, or other vessel provided with double connected journals, combined with the base provided with standards having double bearings, substantially as described.

4. In combination with a glass or earthenware pitcher or other vessel, a hook, b^3, substantially as described.

5. In combination with a glass or earthenware pitcher or other vessel, the double connected journals $b\ b$, substantially as described.

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

WILLIAM ZIMMER.

Witnesses:

WM. HERBERT SMITH,

JNO. C. SCHROEDER.