(No Model.)

T. B. ATTERBURY.

MANUFACTURE OF GLASSWARE.

No. 362,413. Patented May 3, 1887.

Fig. 1.

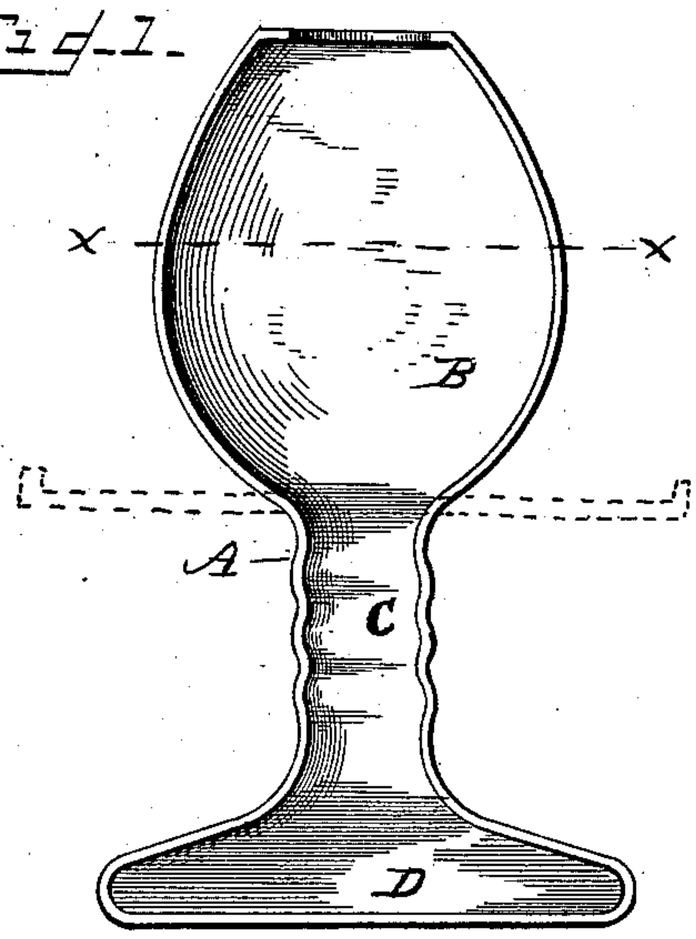


Fig. 2.

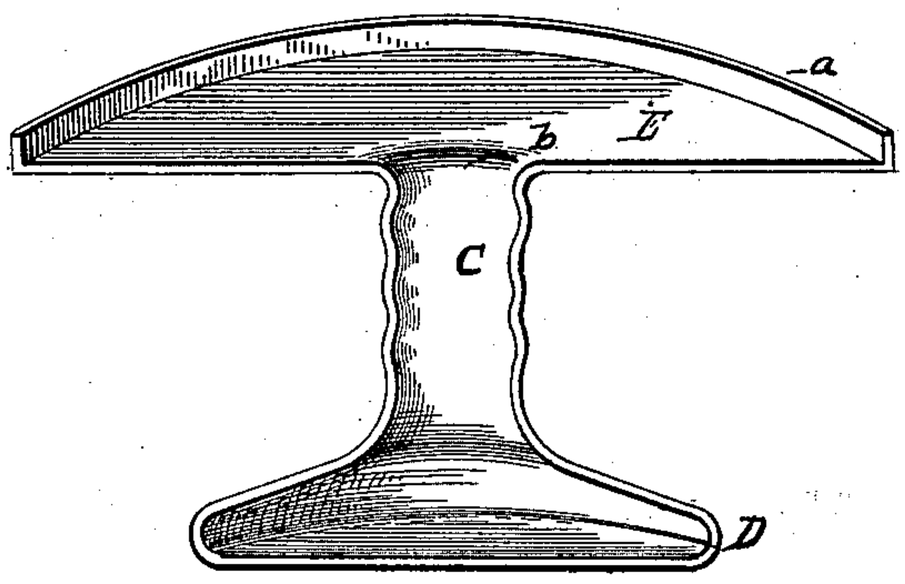


Fig. 3.

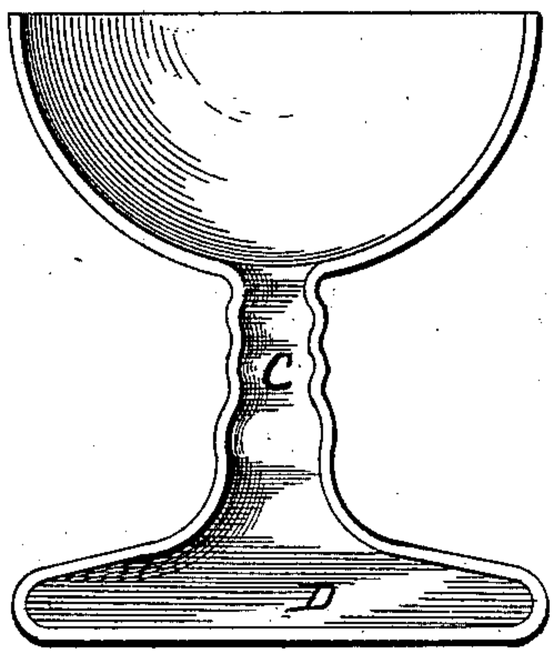
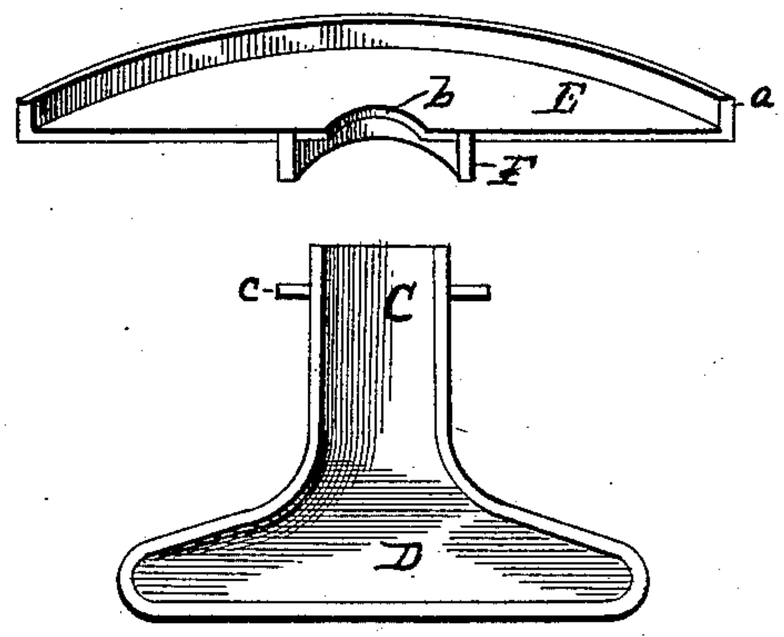


Fig. 4.



WITNESSES

Wm. T. Huntemann

Robt. Alexander

INVENTOR

T. B. Atterbury

By

T. W. Sinsabaugh

Attorney

UNITED STATES PATENT OFFICE.

THOMAS B. ATTERBURY, OF PITTSBURG, PENNSYLVANIA.

MANUFACTURE OF GLASSWARE.

SPECIFICATION forming part of Letters Patent No. 362,413, dated May 3, 1887.

Application filed September 11, 1886. Serial No. 213,296. (No model.)

To all whom it may concern:

Be it known that I, THOMAS B. ATTERBURY, a citizen of the United States, residing at Pittsburg, in the county of Allegheny, State of Pennsylvania, have invented certain new and useful Improvements in the Manufacture of Glassware, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to improvements in the manufacture of glass lemonade-stands, ice-bowls, and other articles of like character.

The object of my invention is to provide a stand or bowl in which the base and stem or pedestal is made hollow and adapted to receive the drip or overflow, as will more fully appear.

My invention consists of a glass stand or bowl having a hollow base and stem or pedestal for receiving the drip or overflow.

Referring to the drawings, Figure 1 is a sectional view of the blank as it comes from the mold from which the stand or bowl is made. Fig. 2 is a sectional view of a stand for holding a pitcher and glasses or other articles of like character. Fig. 3 is a sectional view of a bowl for holding cracked ice, made in accordance with my invention. Fig. 4 is a sectional view of a stand made in two parts, as will more fully appear.

A indicates the glass blank from which the stands or bowls are made, said blank being blown in a mold in the usual manner, well known to glass-workers.

The blank A is represented in Fig. 1 as it leaves the mold, and consists of the bowl or bulb B, stem or standard C, and the base D, all of which are hollow, as shown in the several figures of the drawings. The blank A, after being taken from the mold, is placed in a suitable snap or holder, and the bowl or bulb B heated to the proper temperature, when it is turned outward and downward by suitable tools into the position shown in dotted lines in Fig. 1, and to form the ledge or tray E. (Shown in Fig. 2.)

The periphery of the ledge or tray E is provided with an upwardly-projecting rim or flange, *a*, to prevent the liquid from running down over the outside of the tray, said flange being formed in the initial working of the bowl by turning the top of the bowl inward, as shown in Fig. 1; or it may be done after the bowl B is flattened down to form the ledge or tray.

In Fig. 4 I have shown a tray made of two parts, the plate or tray portion E being pressed from glass or other suitable material, having the central opening, *b*, and the annular projection F, adapted to fit over the upper end of the base, and rest on the annular ledge *c*, and to which the top portion or tray may be secured by means of a suitable cement. In this case, also, the base D, as well as the pedestal C, is made hollow, and the base in this instance may be blown or pressed.

When the tray is in use, the pitcher or other article is set in the tray over the central opening, and the glasses or smaller vessels are arranged around it on the tray, so that if any of the liquid should get spilled it will find its way down into the hollow base, where it is retained until the tray is inverted to allow the liquid to run out.

In Fig. 3 I have shown a bowl adapted to hold cracked or broken ice, said bowl being made in accordance with my invention. In making this bowl the top of the blank A (shown in Fig. 1) is cut off at the point indicated by the dotted line *x*. The top of this bowl is reheated and flared outward in any suitable manner to form the article shown in Fig. 3. This form of bowl is well adapted to hold cracked or broken ice. The water from the melting ice being carried away into the hollow base as rapidly as formed leaves nothing in the bowl but the pieces of ice.

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

1. As a new article of manufacture, stemmed glassware having a hollow base and stem, and a bowl or tray formed integral with the base and stem, as set forth.

2. As a new article of manufacture, a tray or bowl having a central opening, which communicates with a hollow base, on which it is supported by means of a hollow stem or standard.

3. As a new article of manufacture, a glass tray having a central opening, which communicates with a hollow base by means of a hollow stem or pedestal, as set forth.

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

THOMAS B. ATTERBURY.

Witnesses:
D. P. BERG,
J. SEAM ATTERBURY.