

W. C. KING.  
 Manufacture of Glass-Ware.

No. 163,787.

Patented May 25, 1875.

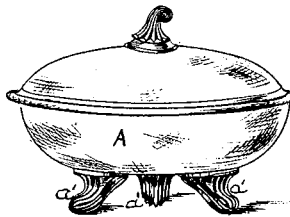


Fig. 1

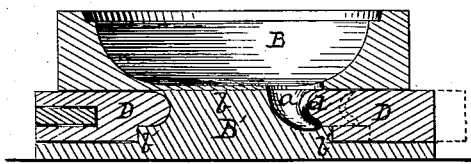


Fig. 3.

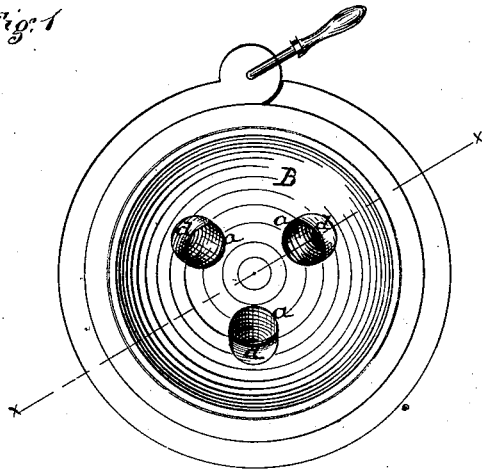


Fig. 2.

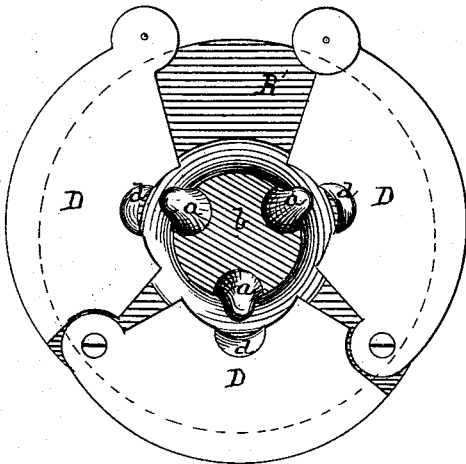


Fig. 5.

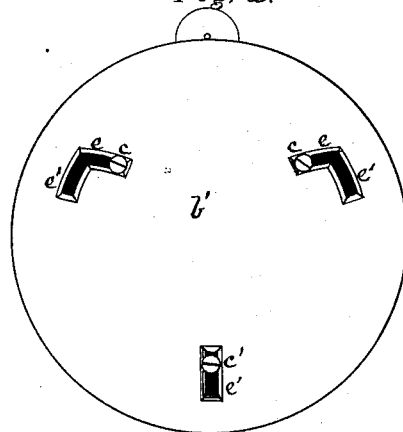


Fig. 4.

Witnesses: *Marcius L. Parker*  
*Jane E. Boggs* Inventor: *William C. King*  
 by *George N. Christy*  
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# UNITED STATES PATENT OFFICE.

WILLIAM C. KING, OF UNION TOWNSHIP, ALLEGHENY COUNTY, ASSIGNOR  
TO KING, SON & CO., OF PITTSBURG, PENNSYLVANIA.

## IMPROVEMENT IN THE MANUFACTURE OF GLASSWARE.

Specification forming part of Letters Patent No. 163,787, dated May 25, 1875; application filed  
April 19, 1875.

To all whom it may concern:

Be it known that I, WILLIAM C. KING, of Union township, county of Allegheny, State of Pennsylvania, have invented or discovered a new and useful Improvement in Manufacture of Glassware; and I do hereby declare the following to be a full, clear, concise, and exact description thereof, reference being had to the accompanying drawing making a part of this specification, in which, like letters indicating like parts—

Figure 1 is a view in perspective of a glass dish having claw-shaped feet pressed thereon. Fig. 2 is a top or plan view of one form of mold in which such article is made. Fig. 3 is a sectional view thereof in the line *x x*, Fig. 2. Fig. 4 is an inverted or bottom view thereof, and Fig. 5 is a plan sectional view as formed by a horizontal plane passing through the mold on a level with the upper face of the movable side sections.

In a separate application filed by myself and August Sperber, February 27, 1875, we described and claimed one construction of mold suitable for making a bowled article of glassware with feet pressed thereon at the same operation, such feet having an inward or re-entrant curve on their outer sides or edges, or being, as I now for convenience designate them, claw-shaped.

My present improvement relates to the article thus made, that being my own invention, and to another construction of mold for making the same.

The mold shown in the drawing consists of an unjointed part, B, for the pressing of the bowl therein, and which part may be either made as a part of, affixed to, or arranged on a base part, B'. This base part B' has a neck, *b*, in the outer periphery of which are the leg or foot cavities *a*, which latter communicate with the bowl-cavity above, and below the neck *b* the base B' flares outwardly, as at *b'*, so as to form a bottom to the foot-cavities *a*, and also a base for the hinged sections D.

These hinged sections D encompass the neck *b*; but such parts of them as come opposite to the foot-cavities *a* are so formed, as at

*d*, as to close up the foot-cavities *a* on the outer sides or edges thereof, and thus make the cavities complete for the pressing of the feet *a'* therein; but also these faces *d* are shaped so as, when in position for pressing, to form each a re-entrant part, extending inwardly beyond the extreme tip of the foot *a'*, or end of the cavity *a*, as illustrated in Fig. 3. Thus, in the foot *a'*, as pressed therein, I get on the outer side or edge of it an inward curve.

The sections D are hinged together, as shown in Fig. 5, so they may be brought up and closed onto the neck *b* while the pressing is being done, and also so that, in order that the article, when pressed, may be removed from the mold, they may be thrown back until the parts *d* are beyond the tips of the feet *a'*.

To this end two of the sections should receive first an outward motion, in which they will be guided by stems *c* affixed thereto, and playing in slots *e* in the base-flange *b'*, and then all may receive a backward motion by the stems *c c'* passing along the slots *e'*; but other modes of giving these sections D an outward or backward horizontal motion may be employed; nor is it essential that they should be hinged one to another.

The mode of pressing will be readily understood by those skilled in the art.

This construction of mold gives a finless body or bowl, A, the only fin produced being along the joint formed by the re-entrant part *d* and the edges of the cavity *a*; and such fin, by a bead or otherwise, may be so perfectly concealed as not to be objectionable. In this manner I produce a bowl, A, having a finless or seamless body, and pressed claw-shaped feet made thereon at the same time and in the same operation.

The same mode of manufacture may be employed in the production of footed articles of hollow glassware generally.

I claim as my invention—

1. As a new article of manufacture, a pressed finless or seamless hollow article of glassware having claw-feet pressed thereon, substantially as set forth.

2. The combination of hollow mold B, having a cavity of any desired form for pressing the body of the article to be made, a base, *b*, in which are the foot-cavities *a*, and movable sections D, having re-entrant faces *d*, and moving in horizontal planes, substantially as set forth.

In testimony whereof I have hereunto set my hand.

WILLIAM C. KING.

Witnesses:

JAMES M. CHRISTY,  
GEORGE H. CHRISTY.