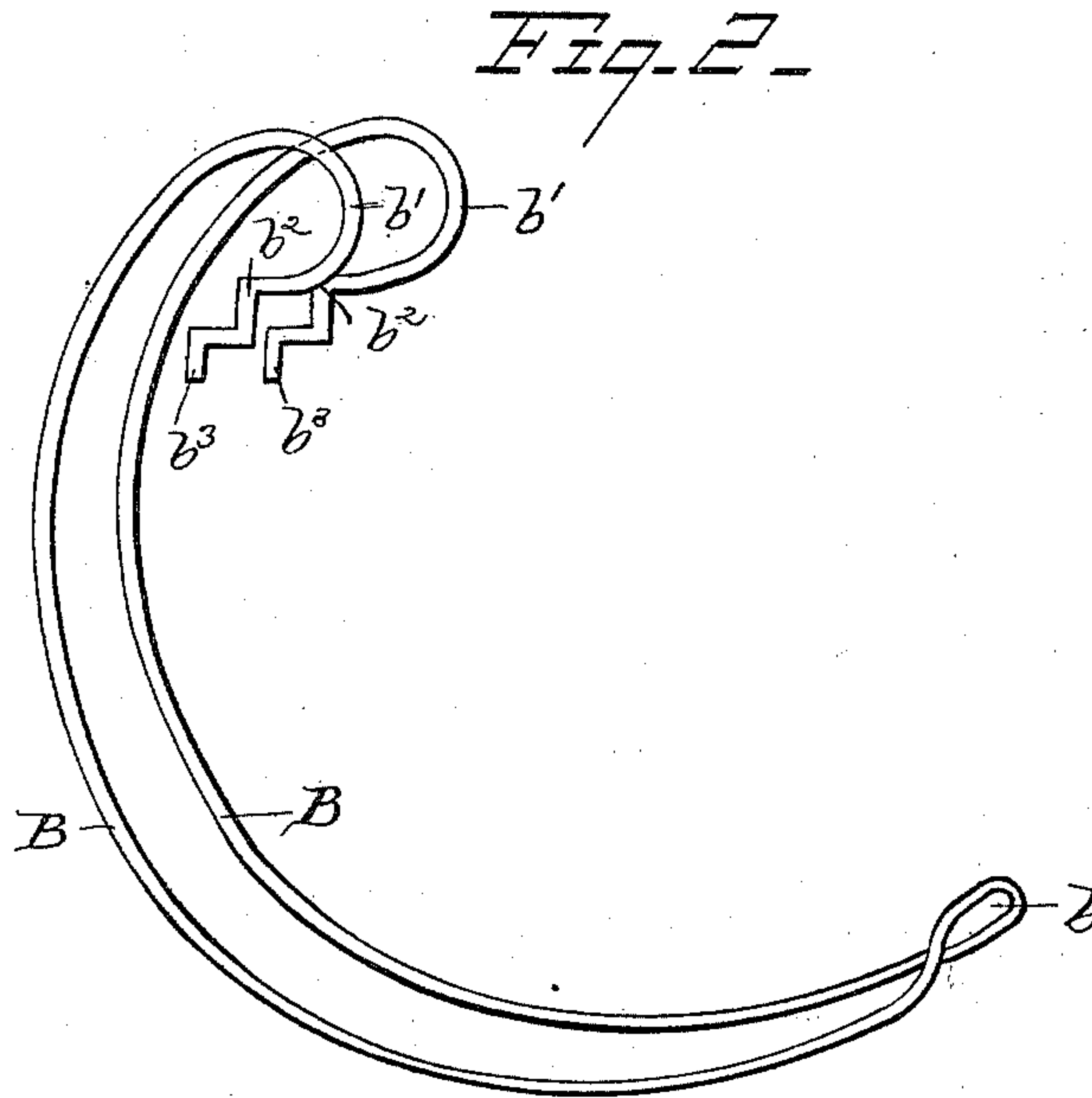
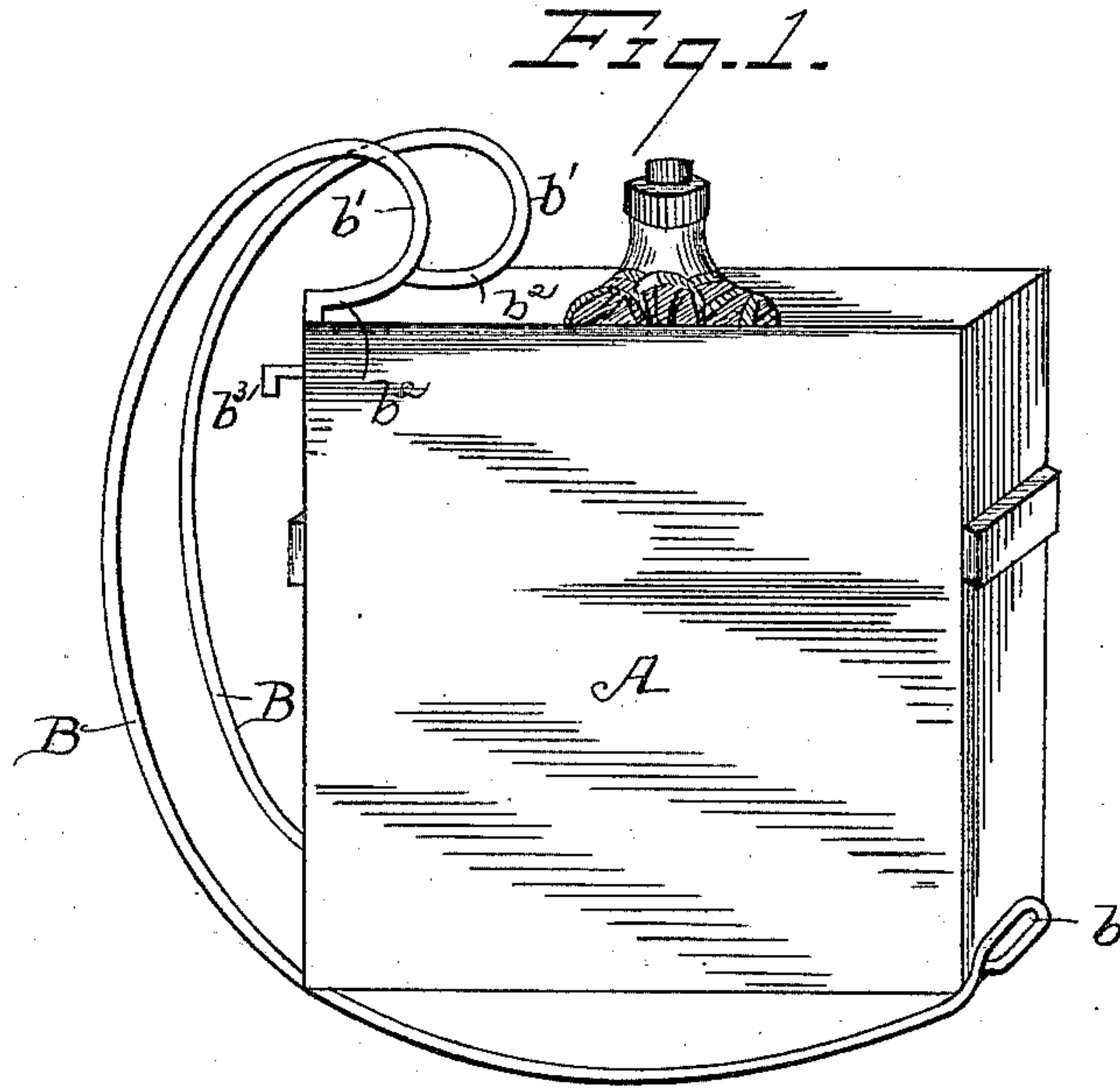


(No Model.)

J. F. STEVENSON.  
STAND FOR CARBOYS.

No. 411,229.

Patented Sept. 17, 1889.



Witnesses  
Albert Popking,  
J. M. Moore.

Inventor  
J. F. Stevenson,  
By his Attorney J. H. Stevenson.

# UNITED STATES PATENT OFFICE.

JAMES F. STEVENSON, OF ALLEGHENY, PENNSYLVANIA.

## STAND FOR CARBOYS.

SPECIFICATION forming part of Letters Patent No. 411,229, dated September 17, 1889.

Application filed June 12, 1889. Serial No. 314,077. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES F. STEVENSON, of No. 232 Arch street, Allegheny, Pennsylvania, have invented a new and useful Improvement in Stands for Carboys, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

Similar letters of reference indicate corresponding parts.

My invention relates to a device for carboys; and it consists of rockers for the same to rest on, and from the peculiar form of these rockers an easy tilting motion is easily given to it in the form of rocking. By use of such a device the contents of the carboy can be easily poured out without violently stirring up the contents, and in pouring out acids there is less danger to the operator.

My invention or attachment to carboys consists of a double metallic rocker made in one piece and of the form or shape as seen in Figure 2.

In the accompanying drawings, Fig. 1 is a perspective view of my spring-rockers with a carboy thereon, and Fig. 2 is a perspective view of the same without the carboy.

A represents a carboy.

B B are the two spring-rockers, which at the lower end are turned up, so as to form a brace for the carboy. (Seen at *b*.)

*b' b'* are the upper ends of the two rockers. As will be seen in Fig. 1, these rockers B are bent backward and then drawn forward, so as to form a spring when resting on the top of the carboy. The latter when in position on the rockers B will be held in place by a strong pressure at the step-angle *b*<sup>2</sup>. To accommodate my rocker to a smaller carboy, I provide a second step-angle *b*<sup>3</sup>. In like manner other steps similar to those shown may be provided to be used on still smaller carboys. These rockers B are made of a circular form from the point *b* to the point *b'*, as will be seen by

reference to the drawings in either figure. When the carboy is on the rockers B, it will be held firmly in place by resting against the part *b* at the bottom and by a sufficient pressure at the steps *b*<sup>2</sup> at the top. This pressure should be great enough to firmly hold the carboy on the rockers.

The carboy can be easily tilted for the purpose of gently pouring out the contents as desired, and this in comparative safety if acids are to be poured out.

As indicated, the spring-rockers B are formed of one piece of rod, (steel preferred,) though it is not essential to my invention that they should be made of one piece only, and I therefore do not limit myself to forming them of one piece.

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

1. A stand for carboys, consisting of the parallel rockers having the brace at their lower ends to engage the carboy and steps or bends at their upper ends to secure the carboy, substantially as described.

2. A stand for carboys, consisting of a wire bent to form rockers and having the lower closed end bent up to engage one of the lower edges of the carboy and their free ends formed with steps to engage one of the upper edges of the carboy, substantially as described.

3. The herein-described stand for carboys, consisting of the curved rockers having their lower ends turned up to form a brace for the carboy and their upper ends turned inward and formed with step-angles for securing the carboy, substantially as described.

In testimony that I claim the foregoing as my invention I hereto set my hand in presence of two witnesses.

JAMES F. STEVENSON.

Witnesses:

H. S. STEVENSON,  
WM. BARR.