

W. DOYLE.

Jelly-Tumblers.

No. 136,492.

Patented March 4, 1873.

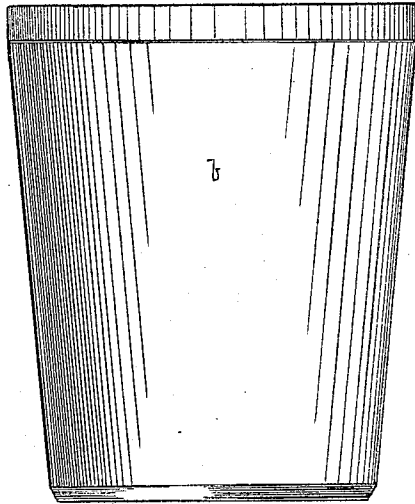
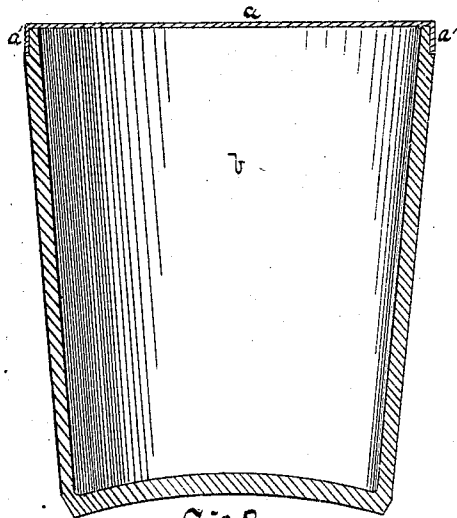


Fig. 1-



Witnesses.
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UNITED STATES PATENT OFFICE.

WILLIAM DOYLE, OF BIRMINGHAM, PENNSYLVANIA.

IMPROVEMENT IN JELLY-TUMBLERS.

Specification forming part of Letters Patent No. 136,492, dated March 4, 1873.

To all whom it may concern:

Be it known that I, WILLIAM DOYLE, of Pittsburg, Allegheny county, Pennsylvania, have invented certain Improvements in Jelly-Tumblers, of which the following is a specification, reference being made to the accompanying drawing which constitutes a part of the same, in which—

Figure 1 is a side elevation of the jelly glass or jar proper; and Fig. 2 is a like view of the jelly-glass complete, when provided with its metallic cap.

My invention consists in providing a jelly glass or jar with a cap or cover of thin metal or other equivalent material, which may be secured to the jar by any suitable means to protect the contents during transportation or while on storage, and yet be capable of easy removal as well as of reuse.

Previous to my invention jelly-tumblers were usually covered with cloth, paper, tin-foil, or other flexible material, tied over the edge of the vessel. These covers were inconvenient and difficult to apply, and, furthermore, were liable to be ruptured, to be destroyed by insects, or to be injuriously affected by atmospheric influences.

My invention remedies these various imperfections by providing the jelly-glass with a cover of sheet metal, or other equivalent material, which, while it can be easily secured upon the top of the vessel and easily removed therefrom, will be sufficiently strong to resist injury from ordinary accidents, and of a character to prevent the encroachments of insects and vermin.

The particular construction which I have adopted, as the simplest form of carrying out my invention, is shown in the drawing; the glass *b* being made tapering inside from the top to the bottom, in order to secure the more ready discharge of the contents of the vessel, and the cap *a* being provided with a plain flange, formed by turning down the edge at right angles, or nearly so, with the body of the cap.

As the cap is made of a slightly-elastic metal, it can be secured in place by simply pressing the flange down over the outside of the glass.

The outside of the glass may, if desired, be prepared for receiving the flange in the manner shown in Fig. 1, or by forming a shoulder

upon it, as shown in Fig. 2; but this construction, by means of which a nicer fit of the flange is secured, is by no means essential. Any mode of securing the cap that will hold it on with sufficient tightness to prevent its coming off in ordinary handling, and yet permit of its being readily removed when it is desired to use the contents of the jar, may be substituted for the frictional method, here shown, of securing the cover, without departing from the main feature of my invention.

I am aware that metal caps have been used upon cylindrical boxes of tin and other metal, as well as upon fruit-jars having their smaller diameter at the mouth; but I believe that I am the first to have combined such a cap or cover with a jar of such configuration as to permit its contents, however stiff and firm they may be, to be readily disengaged from the interior of the jar when the jar is inverted. It is plain to see that the article of manufacture thus produced must be of great utility for household and domestic purposes.

In the manufacture of my jelly-glass, in order to fit it for the reception of a cap of sheet metal or other equivalent material, I should ordinarily furnish it to the market in the form in which it comes from the molds, without subjecting it to the usual finishing operations that are applied to drinking-glasses. The application of the ordinary finishing process would tend to smooth and round the edge of the vessel, as well as to expand or contract its mouth, thereby seriously interfering with the perfect fitting of the cap, which is made of a size exactly corresponding with the size of the molds in which the jar is formed.

What I claim as my invention is—

1. A jelly-glass adapted for the reception of a cover of sheet metal or other equivalent material, substantially as described.
2. As an article of manufacture, the combination of a jelly-jar and a cover of sheet metal or other equivalent material.
3. The combination of a jelly-jar and a flanged cover fitting over the mouth of the jar, substantially as described.

WILLIAM DOYLE.

Witnesses:

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