C. S. BARON.

CLOSURE FOR JUGS, &c.

APPLICATION FILED DEC. 16, 1912.

1,248,598.

Patented Dec. 4, 1917.

Fig. 1.

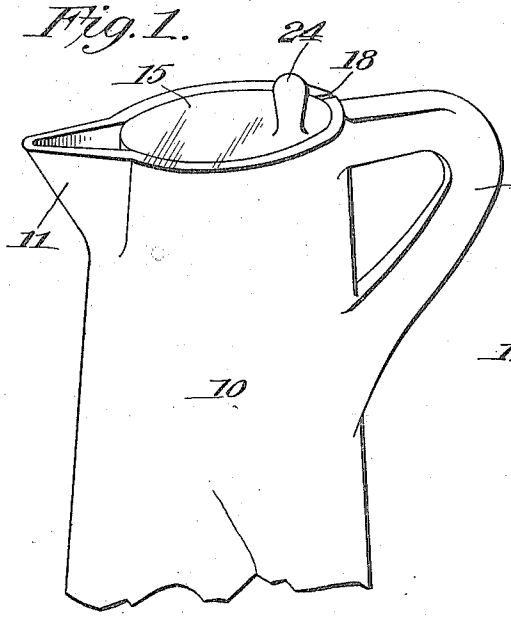


Fig. 2.

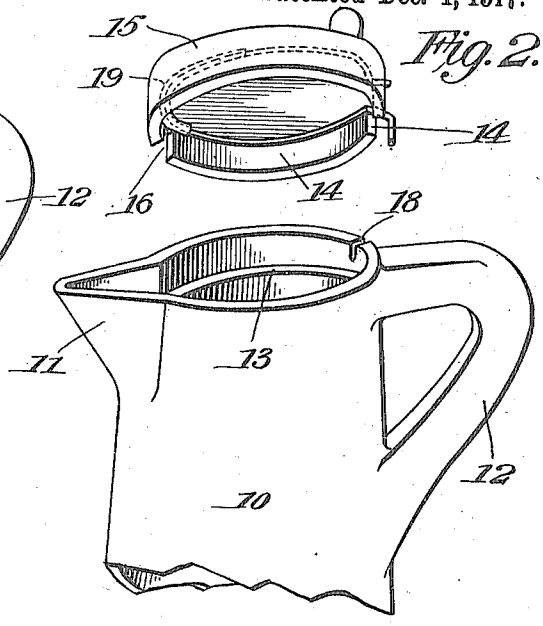


Fig. 3.

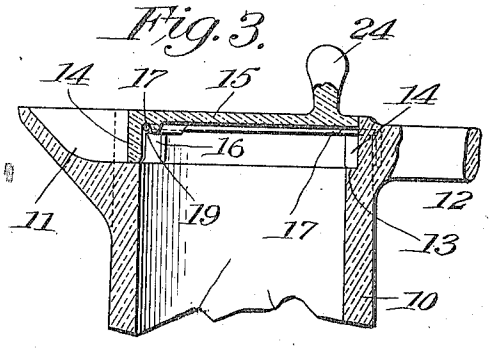


Fig. 4.

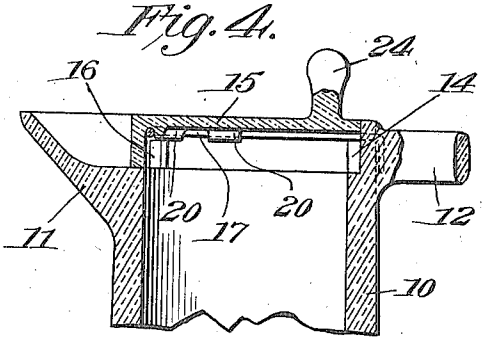
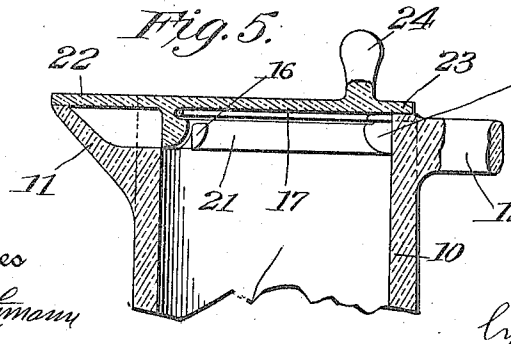


Fig. 5.



Witnesses

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UNITED STATES PATENT OFFICE.

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CLOSURE FOR JUGS, &c.

1,248,598. Specification of Letters Patent. Patented Dec. 4, 1917.

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To all whom it may concern:

Be it known that I, CHARLES S. BARON, of Tiffin, in the county of Seneca, and in the State of Ohio, have invented a certain new and useful Improvement in Closures for Jugs, &c., and do hereby declare that the following is a full, clear, and exact description thereof.

As ordinarily made jugs for molasses and syrup are of glass with metal covers that are hinged so as to swing up and down in opening and closing the pouring spout or nozzle of the jug. The metal covers require special devices for attaching them to the jugs, that are open to objections peculiar to the various devices. Thus, plaster and solder are often used both of which are expensive and unsanitary, and the acid used in soldering tarnishes and corrodes the metal. A glass cover is desirable for obvious reasons, but serious obstacles to its practical use have arisen, such for example, as the difficulty of providing a satisfactory hinge connection with the jug, and the danger of breaking the cover or the jar from sudden closing of a hinged cover, and the dropping of particles of glass into the jug contents. By my invention the practical difficulties are overcome, and an all glass jug and cover are provided which at once is sanitary, convenient of operation, inexpensive to make, and attractive in appearance.

In the accompanying drawings—

Figure 1 is a perspective view of a jug embodying my invention;

Fig. 2 is a like view showing the cover and jug separated;

Fig. 3 is a vertical section of the jug with the cover applied;

Figs. 4 and 5 are similar views showing, respectively, different constructions.

The jug 10, of glass, is of the usual construction having a pouring nozzle or spout 11 and a handle 12. About at the bottom of the inner end of the spout, I may provide a seat in the form of an annular shoulder 13, (see Fig. 3) upon which, within the top of the jug rests the lower edge of the cylindrical side flange or lip 14 of the circular cover 15, which is of glass. The cover is thus of inverted cupshape and may freely rotate on its seat in the top of the jug, so that an opening or slot 16 in the side flange 14 may be moved into and out of coincidence with the nozzle or spout. Of course, the extent of swing or oscillation is short, it being merely enough to carry the opening from a position opposite the spout to one wholly to one side thereof. Preferably, a spring is provided that automatically moves and yieldingly holds the cover so that the opening therein is away from the spout, and, hence, the jug is closed. This spring may be in the form of a simple, curved wire 17 lying within the cover, with one end bearing against the latter and the other end projecting into a notch 18 in the top edge of the jug. Said spring may be seated in a groove 19 in the cover, as shown in Fig. 3; or confined by several lugs 20, as shown in Fig. 4, or held by a flange 21, as shown in Fig. 5. As shown in Fig. 5 the cover may be provided with a lip 22, adapted, when the cover is in closing position to cover the pouring nozzle, and also, as shown in Fig. 5, instead of the internal shoulder 13 for supporting the cover the cover may have at its top an outwardly extending flange 23 which rests upon the top edge of the jug.

Upon the outer side of the cover in a position to be conveniently engaged by the thrust of the hand gripping the handle, is an eccentric boss or projection 24, which by the pressure of the thumb against it results in the swing of the cover against the spring until the cover opening and spout aline, so that the pitcher contents can be poured out. The pressure of the thumb on the top of the cover prevents it falling out, so that no holding device is required; and yet, when desired, as in washing or filling the jug, the cover may readily be removed and replaced. By my cover, the clean cutoff required to prevent dripping of the syrup or molasses is provided.

While especially designed and adapted for syrup and molasses jugs, my invention is applicable to jugs or pitchers for other purposes, where the sanitary condition which results from the exclusion of flies and other insects and dirt, and from possibility of perfect cleansing is desired. Inasmuch as the motion of the cover is a swinging or oscillating one in a direction laterally of the jug, and not up and down, there is no danger of breakage or chipping as would be the case from violent collision of a glass cover and a glass jug were the cover to swing up and down.

Of course, my invention may be variously

embodied, and hence, I do not limit myself only to the one construction shown and described herein.

Having thus described my invention what I claim is—

A jug and cover of frangible material, such as glass, the jug having a spout and a handle, a seat for the cover formed by an integral shoulder below the top of the jug and on the interior thereof on which the cover is rotatable, and a flange projecting downward from the cover and integral with the cover that rests upon said shoulder, the exterior of the flange fitting the interior of the jug above said shoulder, the cover being removable and replaceable by a movement parallel with the jug axis, said cover having on its upper side adjacent the jug handle an operating projection adapted to be engaged by the fingers of the hand grasping the jug handle, and a cover actuating spring seated within the cover, and the cover flange having an opening to coöperate with the spout.

In testimony that I claim the foregoing I have hereunto set my hand.

CHARLES S. BARON.

Witnesses:

PAULINE REIN,

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents. Washington, D. C."