

H. WRIGHT.
Molasses Pitchers.

No. 139,698.

Patented June 10, 1873.

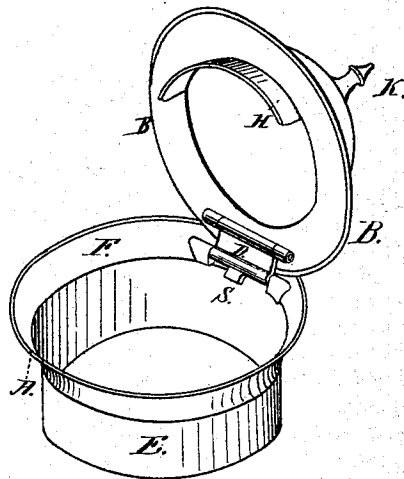


Fig. 1.

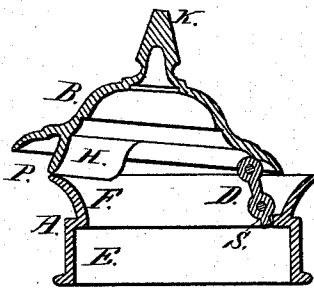


Fig. 2.

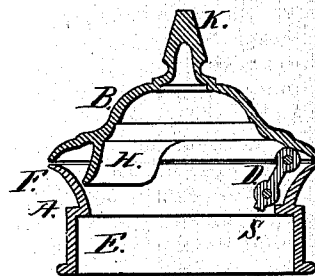


Fig. 3.

Witnesses.

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UNITED STATES PATENT OFFICE.

HOMER WRIGHT, OF PITTSBURG, PENNSYLVANIA, ASSIGNOR OF TWO-THIRDS OF HIS RIGHT TO HENRY H. COLLINS AND BENJAMIN F. COLLINS, OF SAME PLACE.

IMPROVEMENT IN MOLASSES-PITCHERS.

Specification forming part of Letters Patent No. **139,698**, dated June 10, 1873; application filed March 3, 1873.

To all whom it may concern:

Be it known that I, HOMER WRIGHT, of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain Improvements in Jug-Tops, of which the following is a specification:

My invention relates to a jug-top so constructed as to prevent the drippings that remain upon the spout (after the act of pouring) from dropping upon the outside; and consists of a scraper attached to the inner surface of the lid, the movement of which is governed by a compound hinge so constructed that in closing the lid the edge of the scraper falls first on the upper and outer edge of the lip, and a backward motion imparted to it first cuts off and then clears the spout of any drippings that remain, returning them to the jug.

To enable those skilled in the art to understand my invention, I will proceed to describe one practical mode of carrying it into effect.

In the accompanying drawings, Figure 1 is a perspective view of my jug-top when open. Fig. 2 is a vertical section showing the relative position of the hinge and scraper, when the latter is brought in contact with the edge of the lip. Fig. 3 is a vertical section of the jug-top when closed.

This jug-top is produced by the process of casting Britannia or other soft alloy in iron molds, or it may be composed partly or all of sheet metal, and is comprised in three main divisions, viz: Body A, lid B, and hinge D. These several parts are cast in separate molds, or made separately of sheet metal and then fitted together, and the whole finished on the lathe at one turning. The lower portion of the body consists of a straight section, E, of proper diameter to fit the well-known glass molasses-jug, upon which it is secured by cement or by means of a screw or in other known ways. The upper portion of the body is flared outwardly, as at F, for the formation of a spout as well as to facilitate the operation of the scraper H and hinge D. The lid is of a diameter to fit the flaring section of the body with a downward projection on the delivery-side of the jug, of segmental form, which I designate a "scraper," H, and which is so shaped as to fit the curve and diameter of the flared section of the body in the act of clos-

ing. The hinge D is constructed for two pivot-wires, one wire uniting it to the lid and the other wire to the body; or, instead of this compound hinge, a slot in either part may be used to impart the shifting motion to the lid, but the hinge, as here described, works with more steadiness. Upon the bottom of the hinge is a small stop, S, which limits the forward motion of the lid to the proper degree.

The operation is simple and easy: The handle of the can is grasped in the right hand and lid raised with the left thumb and finger by means of the knob K. By this movement the hinge shifts the lid forward, which elevates the edge of the scraper above and in line with the edge of the flaring section of the body F, when sufficient sirup is poured out, and while the stream is yet flowing the lid is brought down, which first brings the edge of the scraper H in close and even contact with the edge of the flaring body F, as at P, Fig. 2. The stream is thus severed, and as the lid further descends downward and backward the scraper removes the liquid from the spout in its descent, the hinge attains its normal position, and the parts are situated relatively as shown in Fig. 3.

In the operation described above it will be seen that the column of sirup is not only divided but separated instantly, while the backward motion serves to remove the scraper from the outer column, which is an important feature, as otherwise the sirup, which is of an exceedingly sticky nature, will continue to adhere to it. As it descends it scrapes the spout comparatively clean, so that when the edges of the lid and body meet there are no drippings to run over to the outside.

What I claim as new, and desire to secure by Letters Patent, is—

1. A jug-top having a lid capable of a forward and backward, as well as an up and down, motion, substantially as and for the purpose described.

2. The compound hinge D and stop S, in combination with the lid and scraper, as and for the purpose described.

HOMER WRIGHT.

Witnesses:

A. S. NICHOLSON,
JAMES I. KAY.