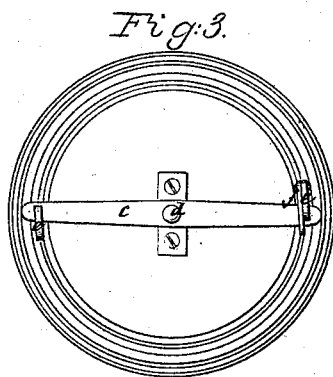
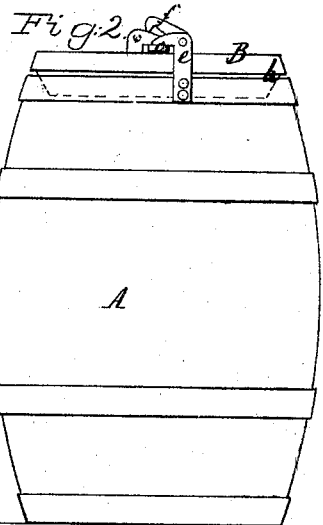
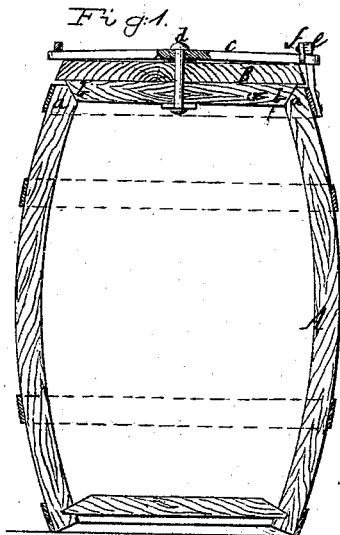


H. Braunhold,

Barrel Cover.

No. 113,622

Patented Apr. 11, 1871.



Inventor:
H. Braunhold
Per Subscribed Agent

Witnesses:
E. Bilhuber.
C. Wähler.

United States Patent Office.

HENRY BRAUNHOLD, OF NEW YORK, N. Y.

Letters Patent No. 113,622, dated April 11, 1871.

IMPROVEMENT IN CASKS FOR PASTE.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, HENRY BRAUNHOLD, of the city, county, and State of New York, have invented a new and useful Improvement in Casks for Paste, &c.; and I do hereby declare the following to be a full, clear, and exact description thereof which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which drawing—

Figure 1 represents a vertical central section of this invention.

Figure 2 is a side view of the same.

Figure 3 is a plan or top view of the same.

Similar letters indicate corresponding parts.

This invention relates to a cask provided at one end with a tapering seat to receive a head with a tapering projection fitting into the said seat, and held in position by a swivel-bar and cams in such a manner that, by means of said fastening, the head of the cask can be conveniently taken off.

To prevent the head from springing or warping, and to preserve the proper relation between the tapering projection of said head and its seat, the head is constructed of two or more layers of wood, the grain of one layer running crosswise to that of the adjoining layer.

In the drawing—

The letter A designates a cask which is provided at one end with a tapering seat, *a*, to receive a correspondingly-tapering projection, *b*, on the inner surface of the head B.

This head is by preference made of two or more layers of wood, the grains of the several layers running crosswise to each other, so that said head is prevented from warping.

On the outside of the head is secured a bar, *c*, which swivels on a central pivot, *d*, and the ends of which can be made to catch under cam-hooks *e* se-

cured to the cask, as shown in figs. 1, 2, and 3 of the drawing.

If the head B is put on the cask and the ends of the swivel-bar are forced under the cam-hooks *e*, the projection *b* is firmly pressed down in the seat *a* and the cask is closed.

If desired, a packing of India rubber or other suitable material may be applied to the seat *a* or to the projection *b*, to facilitate the operation of producing an air-tight joint.

With the hooks *e* is combined a latch, *f*, which can be made to catch over one end of the swivel-bar, so as to retain the same in position and prevent the head from getting unfastened spontaneously.

This cask is intended particularly for the purpose of containing paste or other material which is manufactured in one place and used in another.

When the cask arrives in its place of destination the head can be readily taken off and easy access is had to the contents of the cask; and if the cask is empty the head is replaced, the cask is returned to the place where the paste or other material is manufactured, and it can be easily refilled and closed without requiring any labor; while with casks of the ordinary construction it is necessary to employ a cooper to provide the casks with fresh heads every time they are returned.

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

In combination with the cask having the tapering seat *a*, the head B having the tapering projection *b* on its inner surface, and held to the seat *a* by means of the swiveled bar *c* and cam-hooks or catches, as herein set forth and shown, for the purpose specified.

HENRY BRAUNHOLD.

Witnesses.

W. HAUFF,

E. F. KASTENHUBER.