

(No Model.)

B. RUBENSTEIN.
BUNG STOPPER.

No. 527,888.

Patented Oct. 23, 1894.

Fig. 1.

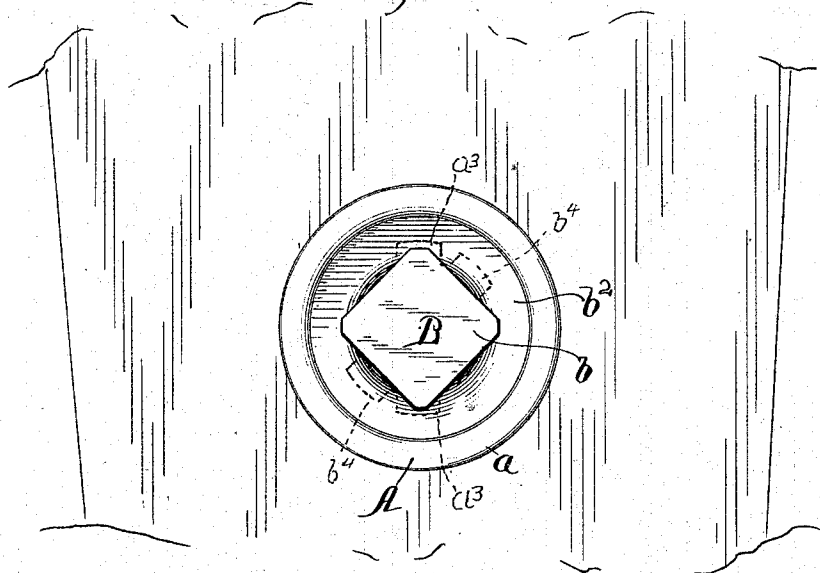


Fig. 2

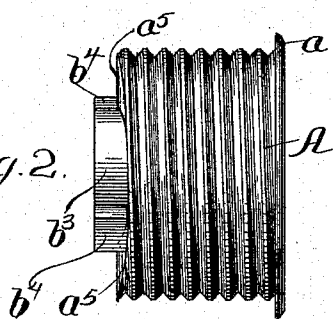


Fig 3.

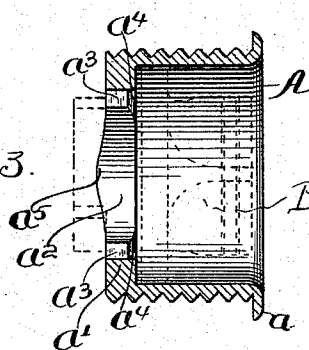


Fig. 4.

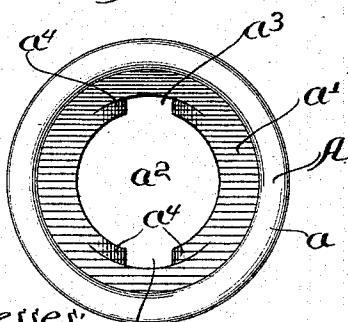
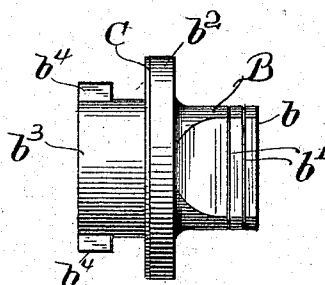


Fig. 5.



Witnesses:

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UNITED STATES PATENT OFFICE.

BARNET RUBENSTEIN, OF CHICAGO, ILLINOIS.

BUNG-STOPPER.

SPECIFICATION forming part of Letters Patent No. 527,888, dated October 23, 1894.

Application filed February 26, 1894. Serial No. 501,557. (No model.)

To all whom it may concern:

Be it known that I, BARNET RUBENSTEIN, a citizen of the United States of America, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Bung-Stoppers, of which the following is a specification.

My invention relates to a certain new and improved bung stopper intended especially for beer casks or other vessels in the case of which repeated filling is usual, and it is therefore desirable to render the opening and closing of the barrel as easy and convenient as possible. In the case of beer casks or kegs it is customary to line the inner surface of the vessel with rosin to shield the contents from contact with the wood. The hammering or pounding to insert or remove the bung is liable to crack this lining and therefore cause considerable expense by necessitating the repair of the same. It is exceedingly desirable also that the bung stopper or bung when once in place should be positively locked against removal to prevent it from being blown out.

My invention is illustrated in the drawings by means of five figures, of which—

Figure 1 is a broken side view of a portion of a cask showing the preferred form of my improved bung stopper. Fig. 2 is a side view of the bung bushing and stopper. Fig. 3 is a diametrical section of the bushing. Fig. 4 is a plan of said bushing and Fig. 5 is a side elevation of the stopper.

The bushing is lettered A, and consists of an externally screw-threaded collar flaring at the top in the shape of a flange, a , which is screwed tightly against the outside of the cask and having an internal flange at the bottom, a' , containing a hole, a^2 , centrally

located therein and oppositely arranged notches, a^3 . The stopper, B, consists of a squared head, b , for the application of a wrench containing grooves, b' , to enable said wrench to grip said head by spring pressure and hold the stopper until withdrawn by force, a disk or flange, b^2 , larger than the greatest width of the hole, a^2 , and an extension, b^3 , bearing oppositely arranged lugs, b^4 , adapted to pass through the notches, a^3 , and engage with the flange, a' , upon the other side. This flange is rounded off at a^4 adjacent to said notches upon the upper side and is thickened upon the under side in both directions away from said notches to form cam-shaped inclines a^5 .

In the application of the stopper a washer, C, is forced upon the extension, b^3 , against the disk, b^2 . The stopper is inserted in the bushing, the lugs, b^4 , being easily passed through the notches, a^3 , because of the rounded edges of the same and the stopper is then turned in either direction by means of a wrench and tightens itself upon the inclines, a^5 , tightly clamping the washer, C, between the disk, b^2 , and the flange, a' .

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

The combination with the hollow bushing, A, having an internal notched flange at the bottom having a substantially flat upper surface and thickening in both directions from the notches, of a stopper, B, having the head, b , disk, b^2 , and the lugs, b^4 ; substantially as described.

BARNET RUBENSTEIN.

Witnesses:

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