

J. OTT & J WOLLER.

FASTENING FOR BUNGS IN CASKS OR BARRELS.

No. 171,161.

Patented Dec. 14, 1875.

Fig. 1.

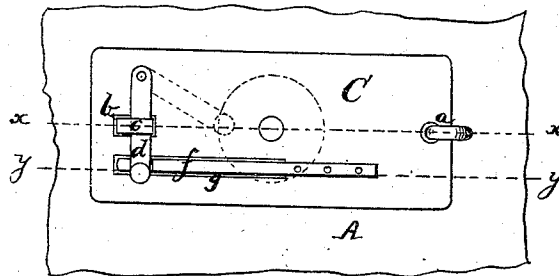


Fig. 2.

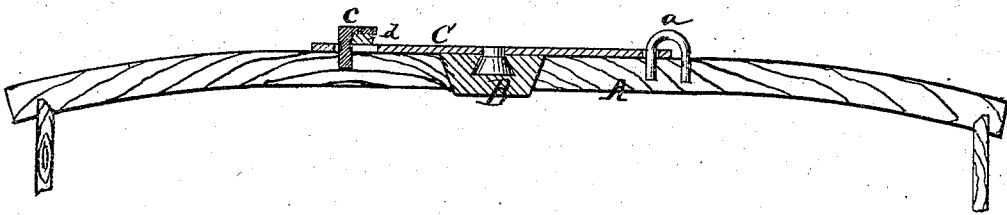
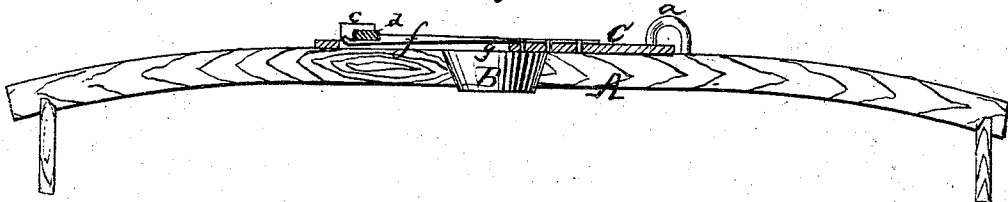


Fig. 3.



Witnesses.

Otto Hufeland.

Char. Wahlen.

Invent

Jacob Ott
John Woller

per
Van Santvoord & Hauff
att

UNITED STATES PATENT OFFICE.

JACOB OTT AND JOHN WOLLER, OF NEW YORK, N. Y.

IMPROVEMENT IN FASTENINGS FOR BUNGS IN CASKS OR BARRELS.

Specification forming part of Letters Patent No. **171,161**, dated December 14, 1875; application filed June 11, 1875.

To all whom it may concern:

Be it known that we, JACOB OTT and JOHN WOLLER, both of the city, county, and State of New York, have invented a new and Improved Fastening for Bungs in Casks and Barrels, which invention is fully set forth in the following specification, reference being had to the accompanying drawing, in which—

Figure 1 represents a plan or top view. Fig. 2 is a longitudinal section in the plane *xx*, Fig. 1. Fig. 3 is a similar section in the plane *yy*, Fig. 1.

Similar letters indicate corresponding parts.

This invention consists in the combination of a supporting-plate, latch, and locking-spring with the bung of a cask or barrel, the bung being fastened to said plate, while the plate swings on a staple secured in the cask, in such a manner that when the supporting-plate is turned down and locked the bung is firmly retained in its closing position, and it is not liable to work loose, while at the same time the fastening devices allow of rolling the barrel without obstruction, and when the supporting-plate is unlocked the bung can be readily withdrawn without sustaining any injury.

In the drawing, the letter *A* designates a cask or barrel, which is provided with a bung-hole in the usual position. *B* is the bung, which is, by preference, made of india-rubber or other elastic material. This bung is firmly secured to a metal plate, *C*, which swings on a staple, *a*, secured in the cask or barrel. In this metal plate, near its free end, is made an aperture, *b*, and if the plate is turned down to its locking position this aperture drops over a hook, *c*, which is secured in the cask or barrel. With the plate *C* is combined a latch, *d*, which swings on a pivot, *e*, and when the plate is turned down said latch can be made to engage

with the hook *c*, as shown in full lines in Fig. 1. When the latch is turned back to the position shown in dotted lines in Fig. 1 the plate *C* can be raised. For the purpose of retaining the latch in its locking position we use a spring-catch, *f*, which is fastened to the plate *C*, and works in a slot, *g*, in said plate. (See Fig. 3.) When the latch is turned to its locking position it catches behind a shoulder on the spring-catch, and by these means the plate *C*, together with the bung, is firmly retained in position, and the cask or barrel can be rolled or handled without danger of releasing the bung. When it is desired to remove the bung the spring-catch is depressed, the latch is turned back, and, by raising the supporting-plate *C*, the bung is taken out of the bung-hole.

By these means the bungs are preserved from injury, and they can be used over and over again.

It will be noticed that the supporting-plate *C* and its fastening project but very little above the surface of the cask or barrel, so that said cask or barrel can be freely rolled or handled.

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

The combination of a supporting-plate, *C*, latch *d*, and spring-catch *f* with the bung of a cask or barrel, substantially in the manner and for the purpose herein shown and described.

In testimony that we claim the foregoing we have hereunto set our hands and seals this 3d day of June, 1875.

JACOB OTT. [L. S.]
JOHN WOLLER. [L. S.]

Witnesses:

W. HAUFF,
E. F. KASTENHUBER.