

C. A. NEUHAUS.
BUNG FOR BARRELS.

Fig. 1.

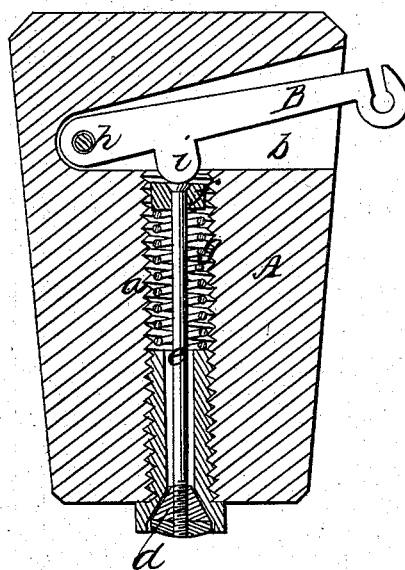
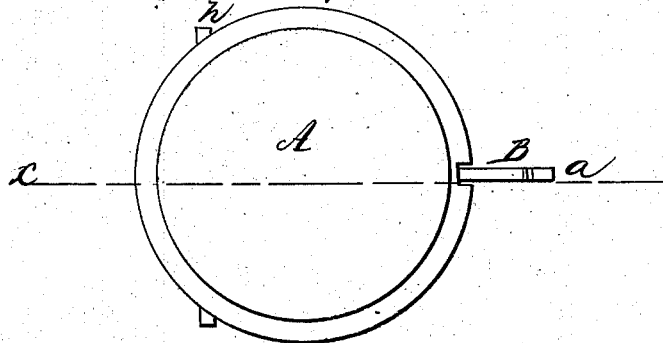


Fig. 2.



Witnesses:
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Inventor:
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per *memorandum*
attys.

UNITED STATES PATENT OFFICE.

C. A. NEUHAUS, OF NEW YORK, N. Y.

IMPROVED BUNG FOR BARRELS.

Specification forming part of Letters Patent No. 48,427, dated June 27, 1865.

To all whom it may concern:

Be it known that I, C. A. NEUHAUS, of the city, county, and State of New York, have invented a new and useful Improvement in Bungs for Barrels; and I do hereby declare that the following is 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 drawings, forming part of this specification, in which—

Figure 1 represents a vertical central section of this invention, the line *x x*, Fig. 2, indicating the plane of section. Fig. 2 is a plan or top view of the same.

Similar letters of reference indicate corresponding parts.

This invention consists in a bung provided with a cone-valve, the seat of which is in a tube screwed in the bung, in combination with a spring, which has a tendency to keep the valve tight in its seat, and with a lever, by means of which the valve can be opened in such a manner that whenever it is desired to draw some of the contents of a barrel the requisite supply of air can be admitted simply by depressing the lever; and as soon as the lever is released the valve closes hermetically and the gaseous constituents of the contents of the barrel are not allowed to escape.

A represents a bung, made of wood or any other suitable material, and provided with a hole, *a*, extending in the direction of its longitudinal center until it meets a mortise, *b*, cut in a direction transversely to the axis of the bung. The hole *a* is provided with a screw-thread to receive a tubular plug, *c*, of metal or any other suitable material, and the outer end of this plug forms the seat for the cone-valve *d*.

This valve is secured to a stem, *e*, which extends up through the tubular plug *c*, and is provided with a head, *f*, at its upper end, as clearly shown in Fig. 1 of the drawings. A spiral spring, *g*, interposed between the head *f* and the inner end of the tubular plug has a tendency to keep the valve *d* in its seat.

B is a lever, which is fitted into the mortise *b*, and which has its fulcrum on a pin, *h*, passing transversely through the bung A. The lever B is provided with a knuckle, *i*, which rests on the head *f* of the valve-stem. By depressing the outer end of the lever the valve is opened.

This bung is intended particularly for barrels containing effervescent liquids, such as beer, ale, &c., and it is of great advantage, because, whenever it is desired to draw some of the contents of the barrel, the requisite quantity of atmospheric air necessary to cause the liquid to flow can be admitted at any moment simply by depressing the lever B, and as soon as said lever is released the barrel is hermetically closed and the carbonic acid or other gaseous constituents of the liquid in the barrel are not permitted to escape. By this means the beer or other liquid retains its life until the last drop is drawn from the barrel.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A bung provided with a tubular plug, *c*, spring-valve *d*, and lever B, substantially as and for the purpose set forth.

C. A. NEUHAUS.

Witnesses:

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