

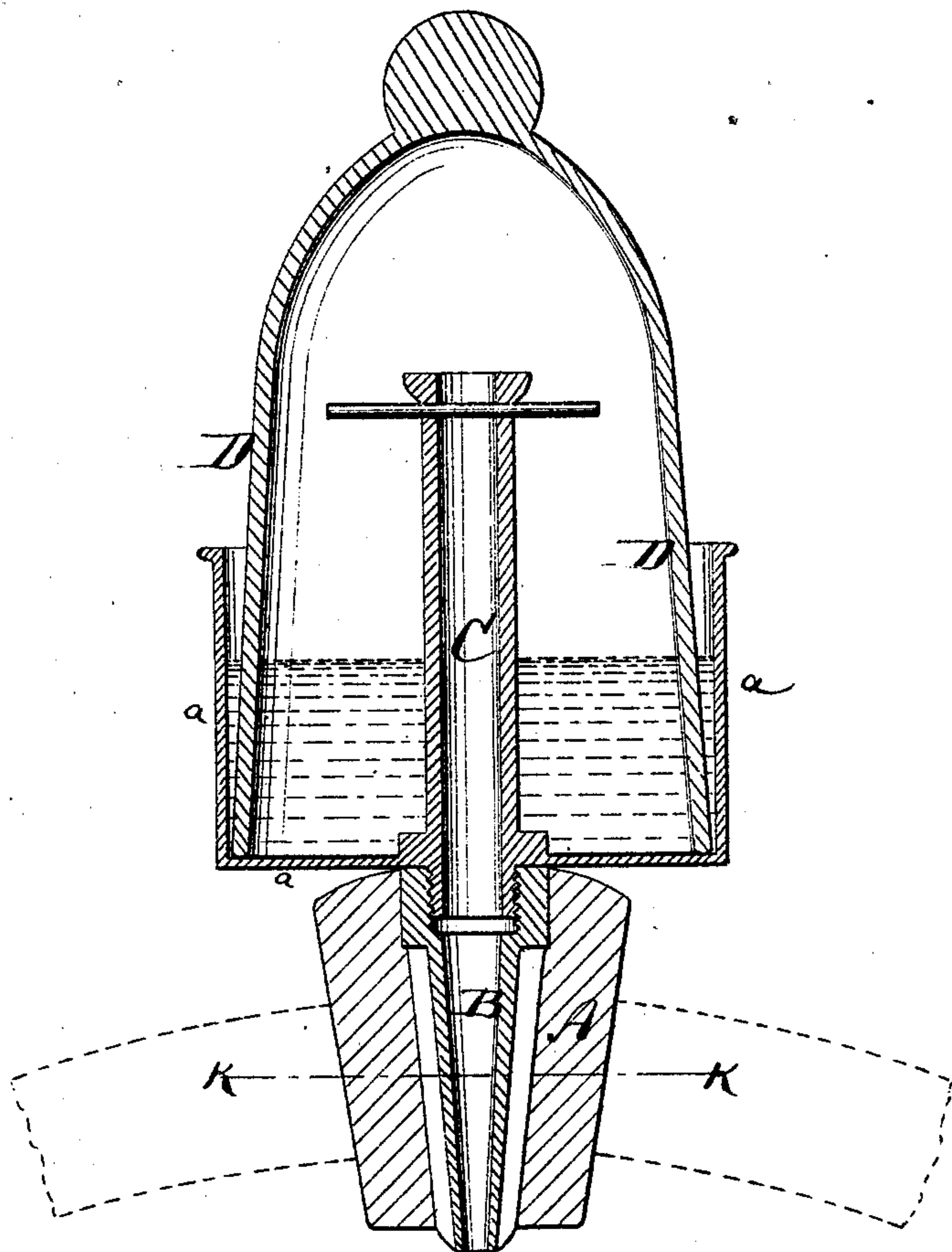
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ANTON WIENERS.  
Bung Attachment to Barrels.

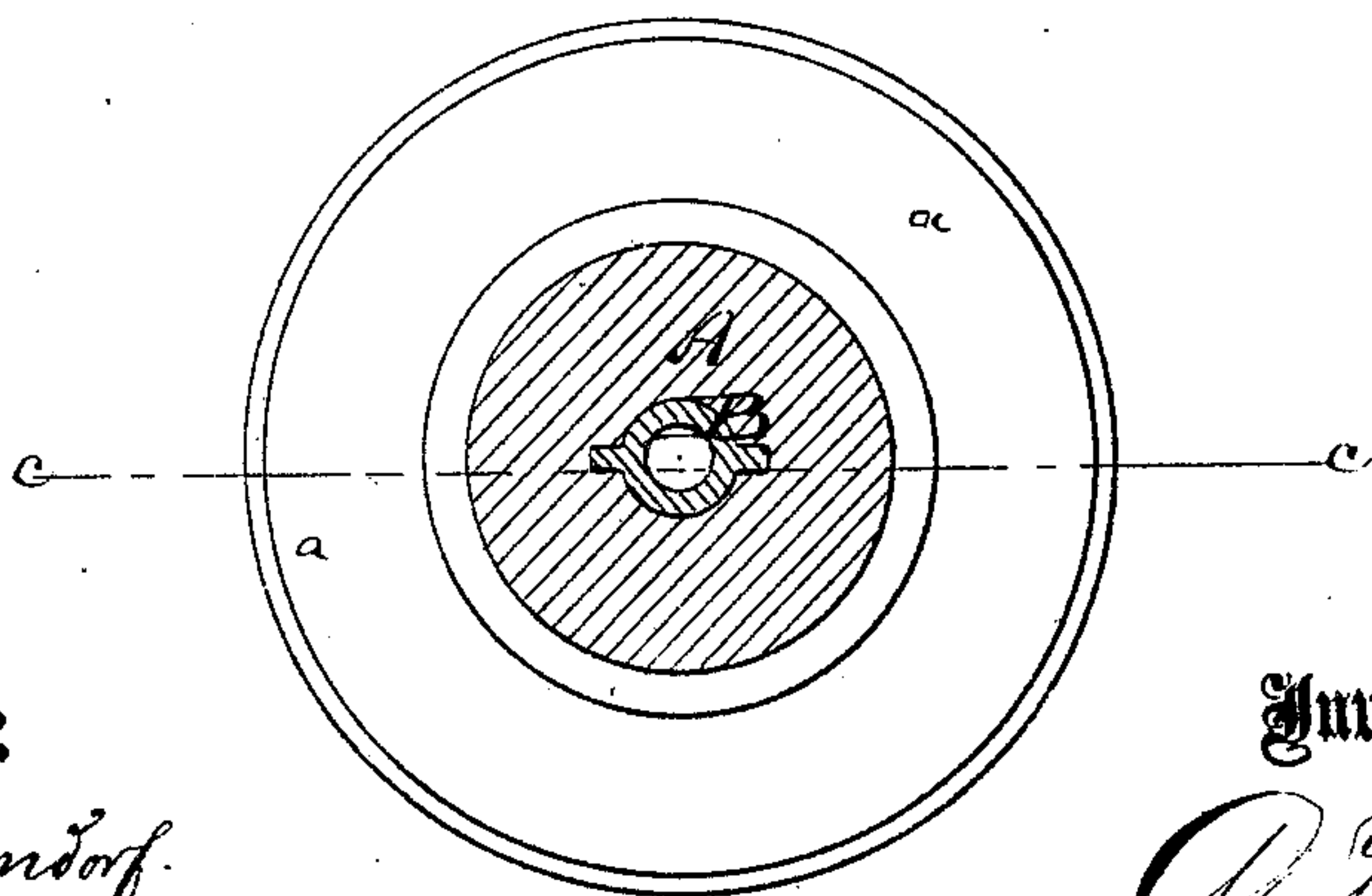
No. 121,834.

Patented Dec. 12, 1871.

*Fig. 1.*



*Fig. 2.*



Witnesses:

A. Bennekenhof.

Francis Mc Ardle

Inventor:

A. Wieners.

PER

M. M. L.  
Attorneys.

# UNITED STATES PATENT OFFICE.

ANTON WIENERS, OF WILLIAMSBURG, NEW YORK.

## IMPROVEMENT IN BUNG ATTACHMENTS TO BARRELS.

Specification forming part of Letters Patent No. 121,834, dated December 12, 1871.

*To all whom it may concern:*

Be it known that I, ANTON WIENERS, of Williamsburg, in the county of Kings and State of New York, have invented a certain Improved Bung Attachment to Barrels, of which the following is a specification:

Figure 1 represents a vertical central section on the line *c c*, Fig. 2, of my improved bung attachment. Fig. 2 is a transverse section of the same on the line *k k*, Fig. 1.

Similar letters of reference indicate corresponding parts.

This invention refers to a new attachment to beer barrels, which has for its object to prevent the admission of air while the beer is being drawn, except in just such proportion as may be absolutely required.

The invention consists in the use of a belt-cover to the perforated bung, and of a water-seal for keeping the room it incloses air-tight, all as hereinafter more fully described.

A in the drawing represents the barrel-bung, made of rubber, wood, or other suitable material. It is perforated axially, and only applied when the barrel is to be fitted for drawing and after the removal of the solid bung. B is a tube driven through the central aperture of the bung. C

is a pipe screwed into the upper end of B, and carrying a cup or disk, *a*, as shown. D is a bell, made of glass or other material, placed into the cup *a*.

When beer is to be drawn, the solid bung is removed and the bung A put in its place, with the tube B and pipe C properly applied. Water is poured into the cup *a* to about the middle of its height, and the bell put into the same, so that the water will seal the air-chamber under the bell. Experiments have satisfied me that the comparatively small column of air contained within the bell is sufficient to furnish the necessary amount of pressure for relieving the vacuum produced by the withdrawal of beer. The sealed bell prevents more air from entering the barrel; still, it can be raised to admit air should such be deemed necessary.

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

The bung attachment, composed of the tube B, pipe C, cup *a*, and bell D, all arranged substantially as herein shown and described.

ANTON WIENERS.

Witnesses:

A. V. BRIESEN,  
T. B. MOSHER.

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