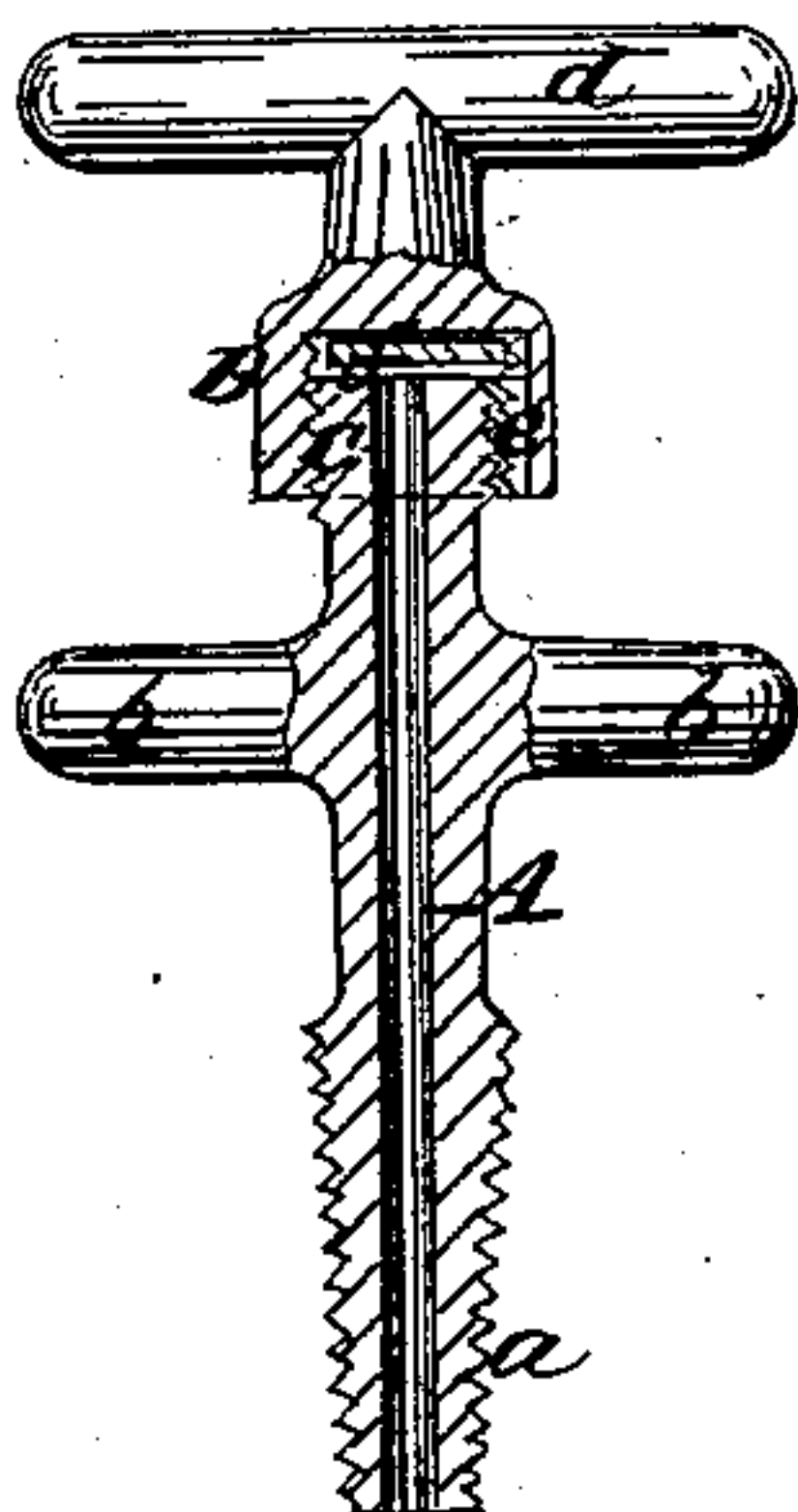
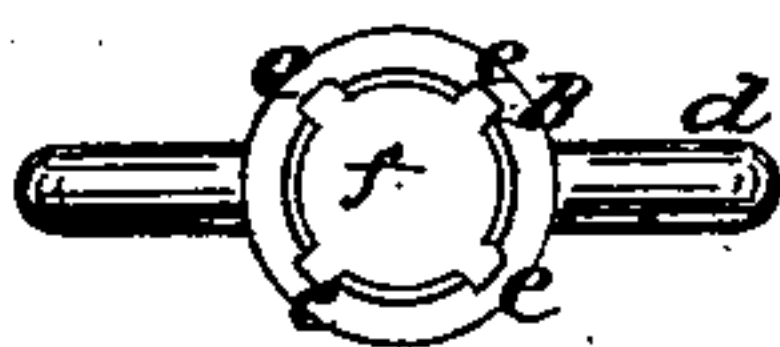


*O. N. Wood,*  
*Barrel Air-Vent,*  
*N<sup>o</sup> 66,929. Patented July 16, 1867.*

*Fig. 1.*



*Fig. 2.*



*Witnesses*  
*Thos. Trusck*  
*J. A. Service*

*Inventor*  
*Oramel O. Wood*  
*Per* *Wm. C. Atomeys*

# United States Patent Office.

ORAMEL N. WOOD, OF WINDSOR, ASSIGNOR TO D. M. SMITH, H. H. MASON,  
AND A. C. MASON, OF SPRINGFIELD, VERMONT.

*Letters Patent No. 66,929, dated July 16, 1867.*

## IMPROVED VENT-PLUG.

*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, ORAMEL N. WOOD, of Windsor, in the county of Windsor, and State of Vermont, have invented a new and improved Vent for Casks, Barrels, &c.; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to a new and improved vent, designed to be inserted in casks or barrels containing liquids, to admit, when a liquid is to be drawn from a cask or barrel, of atmospheric air entering the latter in order that the liquid may flow freely through the faucet.

The object of the invention is to obtain a simple, cheap, and efficient vent, which may be very readily applied, and operated with the greatest facility. In the accompanying sheet of drawings—

Figure 1 is a side sectional view of my invention.

Figure 2, a detached inverted plan of the cap pertaining to the same.

Similar letters of reference indicate like parts.

A represents a metal tube, having a screw-thread, *a*, on the lower part of its exterior, and two projecting arms *b b*, by which the tube may be readily screwed into a barrel or cask. On the upper part of the tube A there is also a screw-thread, *c*, on which a cap, B, is fitted, provided with an internal screw-thread, and with a handle, *d*, on its top for the convenience of turning it. This cap B is grooved internally, as shown at *e*, four grooves (more or less) being cut or made the whole length of the interior of the cap; the grooves being deeper than the internal screw so as to form air-passages within the cap. At the inner part of the interior of the cap there is inserted a packing, *f*, of leather or other suitable material, which, when the cap is screwed fully down, effectually seals the upper end of the tube A and prevents the admission of air within the barrel or cask.

When it is designed to draw liquid from the cask or barrel the cap B is screwed up, so that the packing *f* will be above the top of the tube A, and air will pass up through the grooves *e* into the top of the tube A, and thence into the cask or barrel, allowing the liquid to flow freely through the faucet or spigot.

This vent may be applied to a cask or barrel in a moment of time, and also readily detached or removed therefrom when required, and may be constructed at a small cost.

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

The tube A, provided with the external screw-threads *a a*, and the cap B provided with a packing, *f*, and an internal screw-thread to fit on the upper screw-thread *c*, and having grooves or air-passages *e* made in it, all arranged substantially as and for the purpose set forth.

ORAMEL N. WOOD.

Witnesses:

JOHN S. MARCY,

JOHN M. FADDEN.