

*S. Pike,*  
*Cask Air-Vent.*

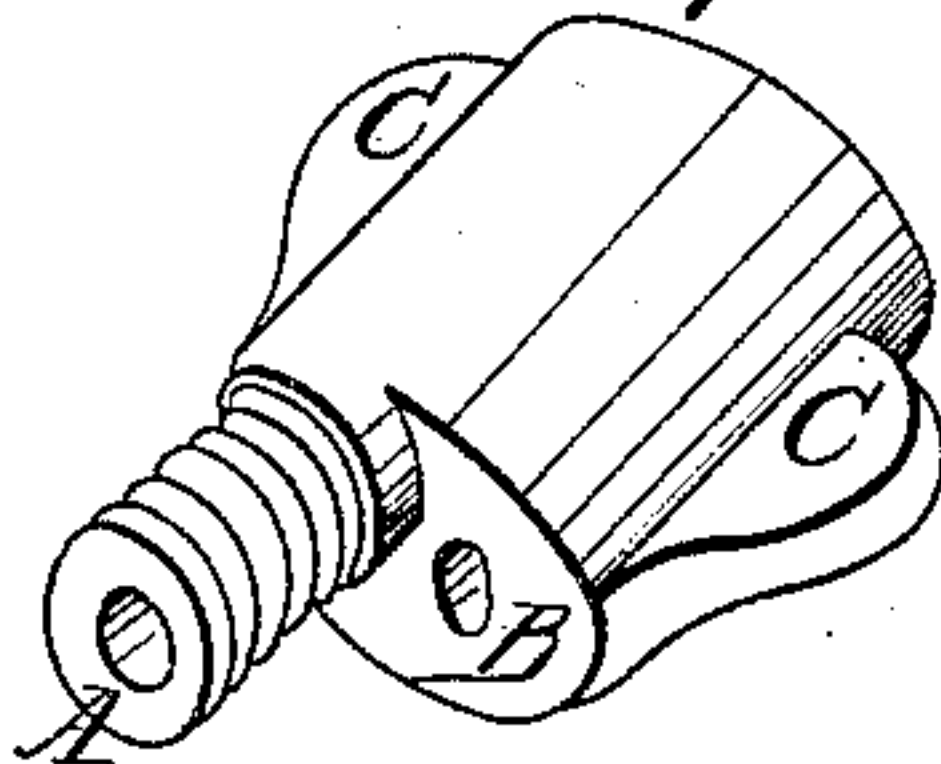
*N<sup>o</sup> 1237.*

*Patented July 12, 1839.*

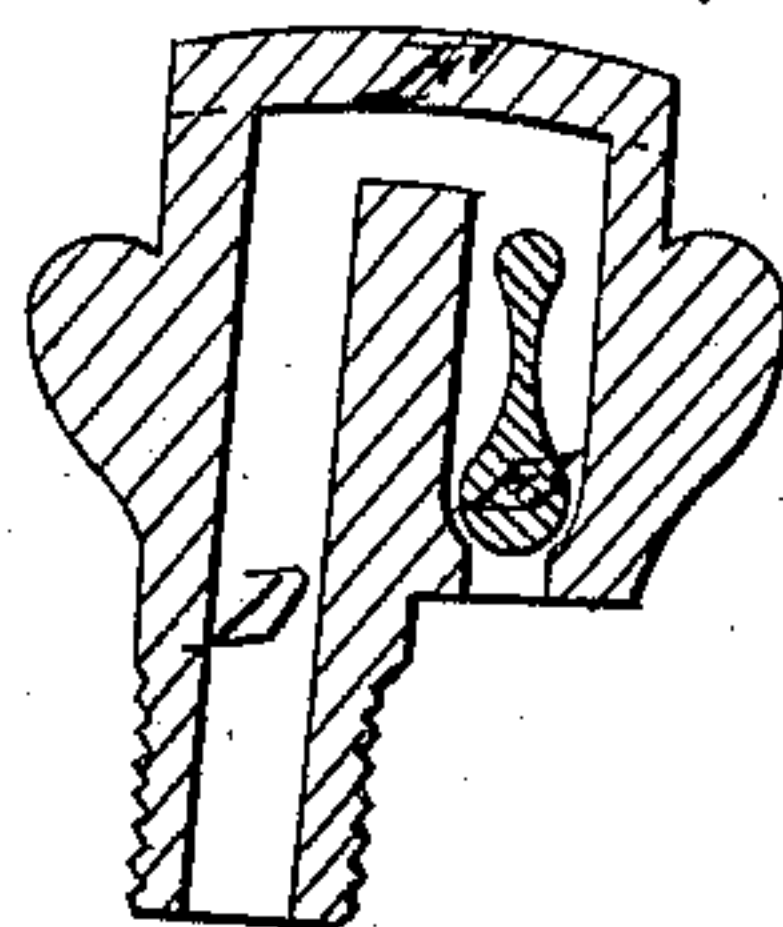
*Fig. 3.*



*Fig. 1.*



*Fig. 2.*



*Witnesses:*  
*J. D. Buckley*  
*Chs. Chapin*

*Inventor:*  
*Saml. Pike*

# UNITED STATES PATENT OFFICE.

SAMUEL PIKE, OF BRATTLEBOROUGH, VERMONT.

## IMPROVEMENT IN VENTS FOR BARRELS, &c.

Specification forming part of Letters Patent No. **1,237**, dated July 12, 1839.

*To all whom it may concern.*

Be it known that I, SAMUEL PIKE, of Brattleborough, in the county of Windham and State of Vermont, have invented a new and Improved Mode of Constructing the Vents of Barrels, Casks, and other Tight Vessels; and I hereby declare the following to be a full and exact description thereof.

My vent is made in the form of a small tube bent double, the longest leg of which is screwed firmly into the cask. The other or shorter end has a valve, which falls down and closes by its own weight; but when any liquor is drawn from the cask the pressure of the external air raises the valve and supplies the vacuum.

The above will explain the principle of my vent; but I do not in practice actually bend the tube. I cast both legs together, as exhibited in Fig. I; and for the purpose of conveniently finishing the interior and inserting the valve I have temporarily an opening at the junction, and afterward close the opening by soldering on a cap, as shown at F, Fig. II.

The valve may be made of a piece of type-metal, cast in the shape of a common brass nail. The large end stops the orifice and shuts off the air, and the shank is covered by a small cylindrical piece of leather or cork. I sometimes cast this valve in the shape of a cherry and cover it with wash-leather, as exhibited in Fig. III. I will add that the interior and lower part of the short leg is fitted to receive the valve and be closed by it, as shown in Fig. II.

What I claim as my invention, and desire to secure by Letters Patent, is—

A vent for tight vessels, furnished with a valve which opens by the pressure of the air when the liquor is drawn, and closes by its own weight when the drawing ceases, constructed in the manner and for the purposes hereinbefore described, or in any other manner substantially the same.

SAML. PIKE.

Witnesses:

I. D. BRADLEY,  
HENRY PUTNAM.