F. PENTLARGE & P. HIRSCH.

VENT-BUNG.

No. 192,386. Patented June 26, 1877.

Figure 1.

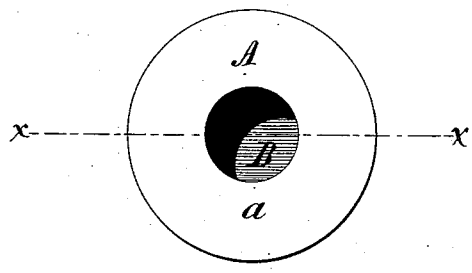
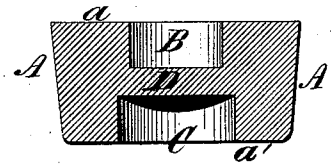


Figure 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

FREDRICK PENTLARGE AND PHILIPP HIRSCH, OF BROOKLYN, NEW YORK, ASSIGNORS TO SAID PENTLARGE.

IMPROVEMENT IN VENT-BUNGS.

Specification forming part of Letters Patent No. **192,386**, dated June 26, 1877; application filed June 4, 1877.

To all whom it may concern:

Be it known that we, FREDRICK PENTLARGE and PHILIPP HIRSCH, both of Brooklyn, New York, have invented an Improvement in Vent-Bungs, of which the following is a specification:

Our improvement relates to the manufacture of vent-bungs; and our invention consists in boring an ordinary wooden bung from both sides, so as to leave a web of wood across the interior portion of the bung, which can be broken or pushed out, when a vent is required, without removing the bung from the cask in which it is inserted.

Bungs have heretofore been made with a hole bored from one side only, leaving a web of wood flush with the opposite side of the bung, and the cavity thus formed has been filled with a plug. By our invention we dispense with the necessity for using a plug, and we locate the web of wood in the portion of the bung where the web will perform the most effective service in contributing strength to the structure.

The accompanying drawings are as follows:

Figure 1 is a top view of the bung, and Fig. 2 is a section through the line *x x* on Fig. 1.

It will be seen that an ordinary tapering bung, A, has a cavity, B, formed in its outer face, *a*, and another cavity, C, formed in its inner face, *a'*. A portion of the material of which the bung is composed is left intact, and forms the web D.

To facilitate the removal of the web D when a vent is required, the inner recess, C, may be made larger than the other recess, B.

We claim as our invention—

1. The transverse web D in a bung having recesses formed, respectively, upon its inner and outer faces.

2. In a vent-bung, substantially such as described, the recess C on one side of the bung of greater size than the recess B on the other side of the bung, substantially as described.

FREDRICK PENTLARGE.
PHILIPP HIRSCH.

Witnesses:
W. J. A. FULLER,
HENRY SCHMITT.