

H. B. SEVEY.
Sap-Spouts.

No. 144,871.

Patented Nov. 25, 1873.

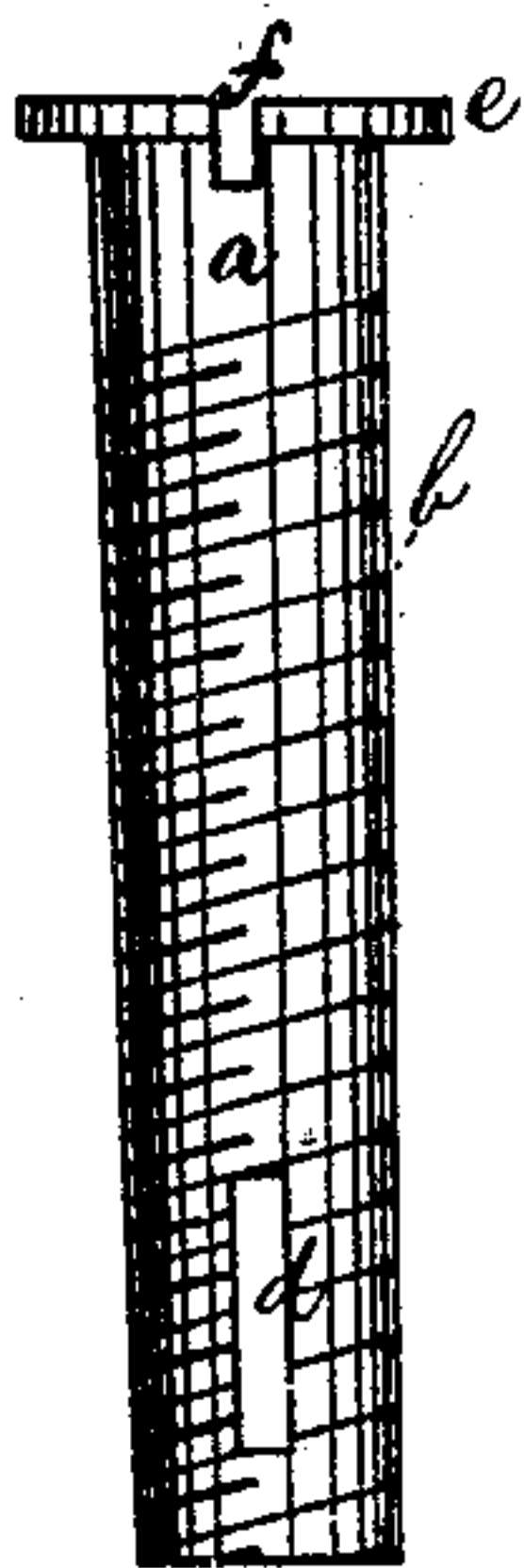


Fig. 1.

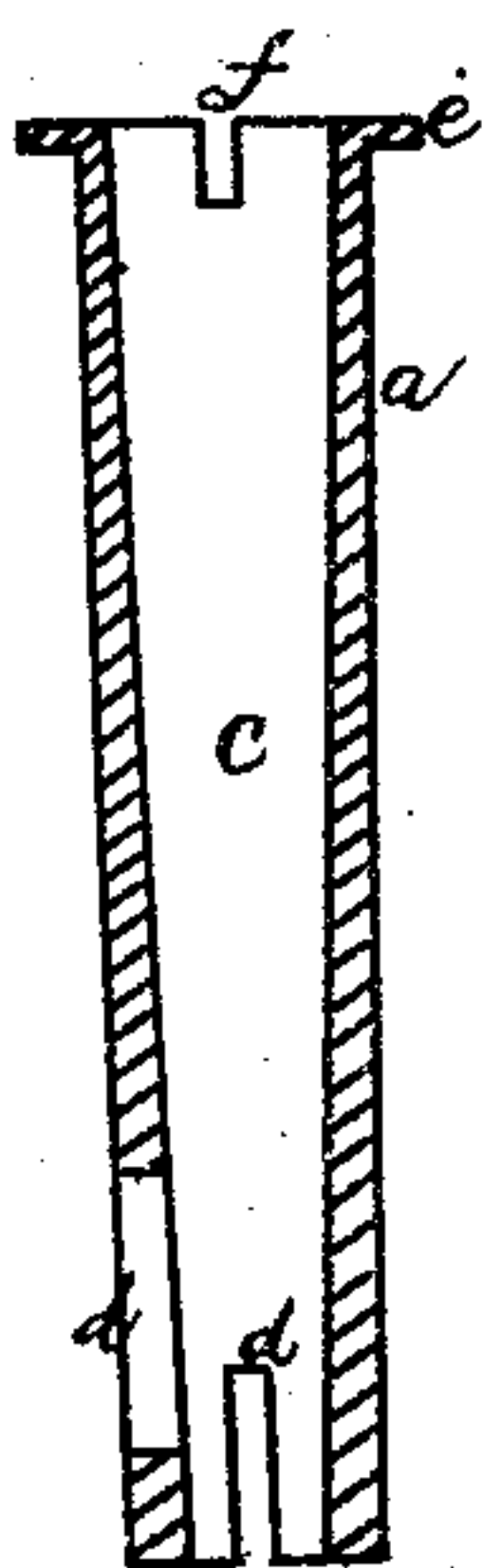


Fig. 2.

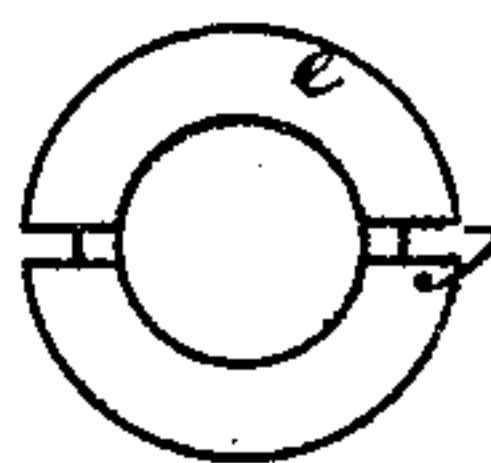


Fig. 3.

Witnesses:
Frank H. Jordan.
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att'y

UNITED STATES PATENT OFFICE.

HIRAM B. SEVEY, OF VIENNA, MAINE.

IMPROVEMENT IN SAP-SPOUTS.

Specification forming part of Letters Patent No. **144,871**, dated November 25, 1873; application filed November 1, 1873.

To all whom it may concern:

Be it known that I, HIRAM B. SEVEY, of Vienna, in the county of Kennebec and State of Maine, have invented certain new and useful Improvements in Sap-Spouts; and I do hereby declare that the following is a full, clear, and exact description thereof, that will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

Figure 1 is a side view of my invention; Fig. 2, a sectional view of the same; Fig. 3, an end view.

Same letters show like parts.

The object of my invention is to produce a device for the delivery of the sap obtained from maple and like trees. It consists of a hollow screw, to be hereinafter more fully described, provided with longitudinal slots to allow of the ready entrance of the sap. It also consists in having said screw provided with a rim or projecting edge to prevent a bucket or pail, when hung thereon, from slipping off, and also in having the head of said screw provided with slits or notches for the entrance of the point or end of a driver to force or screw the device into the tree when desired. It further consists in having the said screw made with a tapering hole, so that when the sap is in, it freezes and prevents the flow. As soon as

it has begun to thaw or melt, the piece of ice will immediately slide out and allow the flow of sap to continue. It is evident that the hole must taper or diminish toward the inner end of the screw.

In the accompanying drawing, *a* shows the screw; *b*, the threads thereon; *c*, the tapering hole; *d*, the longitudinal slots to allow of the entrance of the sap; *e*, the projecting edge or rim, and *f* the slits or notches in which the driver is to be placed when the device is to be screwed or forced into the tree. The screw is, preferably, of the form shown in the drawing—that is, having an open inner end into which the sap may run, as well as through the longitudinal slots before described; but it is evident that it may be slightly modified and accomplish the same result.

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

The device for the delivery of sap from trees herein described, consisting of the screw *a*, provided with the threads *b*, tapering hole *c*, longitudinal slots *d*, projecting edge or rim *e*, and notches *f*, as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 23d day of October, 1873.

Witnesses:

H. B. SEVEY.

B. F. PHILBRICK,
C. W. MAYHEW.