

A. E. WARE.
Sap-Bucket.

No. 205,592.

Patented July 2, 1878.

Fig. 1

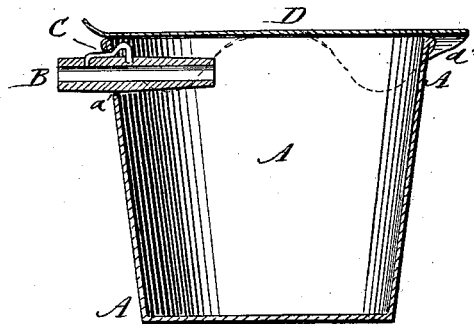


Fig. 2

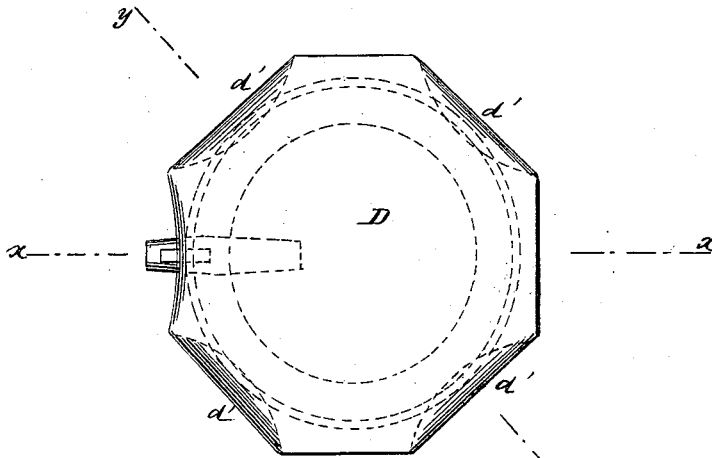
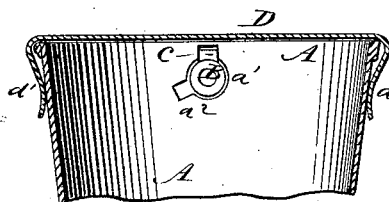


Fig. 3



WITNESSES:

C. Nevins
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UNITED STATES PATENT OFFICE.

ALBERT E. WARE, OF HANCOCK, NEW HAMPSHIRE.

IMPROVEMENT IN SAP-BUCKETS.

Specification forming part of Letters Patent No. **205,592**, dated July 2, 1878; application filed April 6, 1878.

To all whom it may concern:

Be it known that I, ALBERT EDSON WARE, of Hancock, in the county of Hillsborough and State of New Hampshire, have invented a new and useful Improvement in Sap-Collecting Apparatus, of which the following is a specification:

Figure 1 is a vertical section of a sap spout and bucket to which my improvements have been applied, taken through the line *x x*, Fig. 2. Fig. 2 is a top view of the same. Fig. 3 is a vertical section of the same, taken through the line *y y*, Fig. 2.

Similar letters of reference indicate corresponding parts.

The object of the invention is to so shape the corner-pieces of sap-bucket covers that they will serve the twofold purpose of a clasp and an emptying-spout, as hereinafter described.

A is a bucket or pail, which may be made in the usual manner, except that it has a hole, *a*¹, formed in one side near its top, to adapt it to be placed upon and hung from a sap-spout, B.

Upon the upper side of the sap-spout B is formed, or to it is attached, a shoulder or key, C, to prevent the said bucket A from being drawn or pushed from the said spout B after being hung upon it.

D is a cover, which may be made of sheet metal, wood, or other suitable material. When made of sheet metal the corners *d*' are bent downward and slightly curved outward, so as to bear against the sides of the bucket A, to

keep the said cover in place upon the said bucket. When the cover D is made of a material other than sheet metal, spring corner-pieces *d*' may be attached to it, to rest against the sides of the bucket and keep the said cover in place. The cover D is made larger than the top of the bucket A, so as to project beyond its edge.

By this construction the sap may be poured from the bucket A by turning the said bucket upon the spout B, without its being necessary to remove the cover D, the turned-down corners of the said cover D serving as a spout to guide the sap into the vessel into which it is to be poured.

It should be observed that a notch, *a*², may be formed in the side of the bucket A at or near the lower edge of the hole *a*¹, so that by turning the said bucket upon the spout B it will bring the notch *a*² opposite the key C, and the said bucket may be withdrawn from the said spout B without its being necessary to detach the spout from the tree.

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

Sap-buckets having covers provided with the converging corner-pieces *d*', adapted to serve as clasps to retain the cover in place and as an emptying-spout, substantially as shown and described.

ALBERT EDSON WARE.

Witnesses:

ORLAND EATON,
EBENEZER WARE.