(No Model.)

J. B. SESSIONS.

SAP SPOUT.

No. 552,623. Patented Jan. 7, 1896.

Fig. 1.

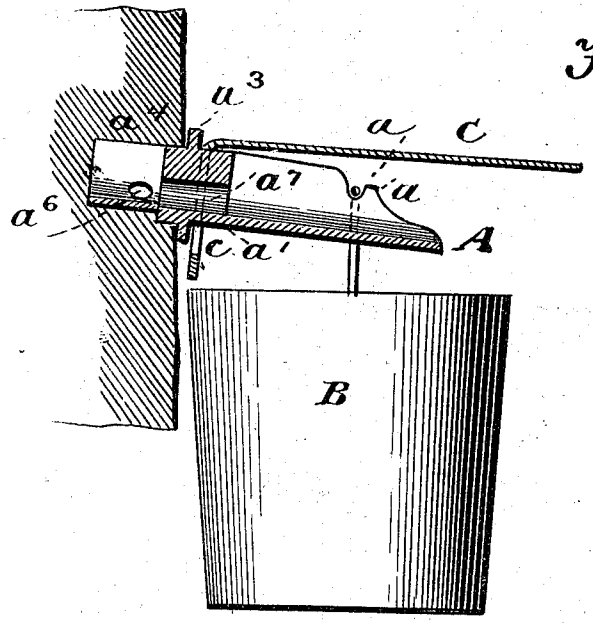


Fig. 2

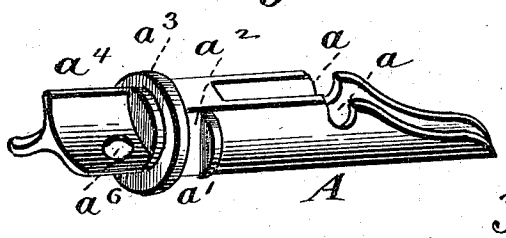


Fig. 3.

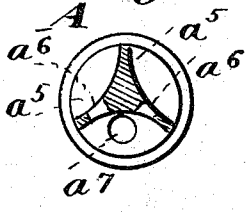
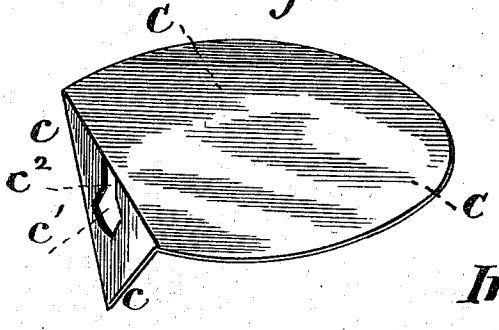


Fig. 4.



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UNITED STATES PATENT OFFICE.

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SAP-SPOUT.

SPECIFICATION forming part of Letters Patent No. 552,623, dated January 7, 1896.

Application filed December 21, 1894. Serial No. 532,521. (No model.)

To all whom it may concern:

Be it known that I, JOHN B. SESSIONS, a citizen of the United States, residing at Franklinville, in the county of Cattaraugus and State of New York, have invented certain new and useful Improvements in Sap-Spouts; and I do declare the following to be a full, clear, and exact description of the invention, such as 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.

The special object of the invention is to make a metallic sap-spout of cast-iron, galvanized to prevent corrosion and constructed to carry conveniently not only the bucket but a hood to protect it, thus rendering a cover to the bucket entirely unnecessary, and allowing the buckets to be replaced without touching the hood.

Figure 1 of the drawings is a sectional elevation showing my invention applied. Figs. 2 and 3 are detail views of the spout, and Fig. 4 is a detail view of the spout-hood.

In the drawings, A represents the spout, which has the top notches *a a* for the handle of a bucket B, and the neck *a'*, with the vertical grooves a^2 a^2, in which are secured the edges of a metallic hood C. The latter has a down flange *c*, with the communicating apertures *c'* c^2, the said flange being at an angle to the body of the hood and the said holes being made to successively receive the neck *a'* of the spout. The spout is pushed through the aperture *c'* until the neck *a'* is therein, when the flange *c* is pushed down to make the neck fit tightly in the aperture c^2.

a^3 is the collar which abuts against the tree when the shank a^4 has been forced thereinto. I make the shank with the radial flanges a^5 at about equal distances apart, the two lateral ones being provided with holes a^6 a^6, so that the sap may find its way therethrough and into the spout through the longitudinal hole a^7.

Having thus described all that is necessary to a full understanding of my invention, what I claim as new, and desire to protect by Letters Patent, is—

1. A sap spout hood C provided with the communicating holes *c'* c^2 in a down flange *c*, in combination with a spout having the neck *a'* with opposite grooves a^2 a^2; whereby the hood may be made to cover an open-topped bucket on the spout as shown and described.

2. A sap spout having the notches *a a*, neck *a'* with grooves a^2 a^2, collar a^3, radially flanged shank a^4, and the holes a^6 a^7, substantially as shown and described, for the purpose specified.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN B. SESSIONS.

Witnesses:
NATHANIEL S. PATTERSON,
HENRY R. CURTIS.