

(No Model.)

G. T. McCREA.
MEASURING FAUCET.

No. 533,138.

Patented Jan. 29, 1895.

Fig. 1

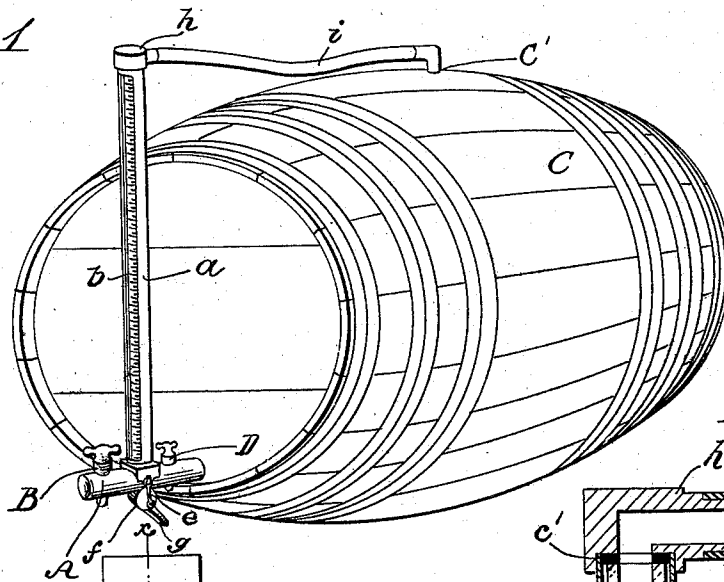
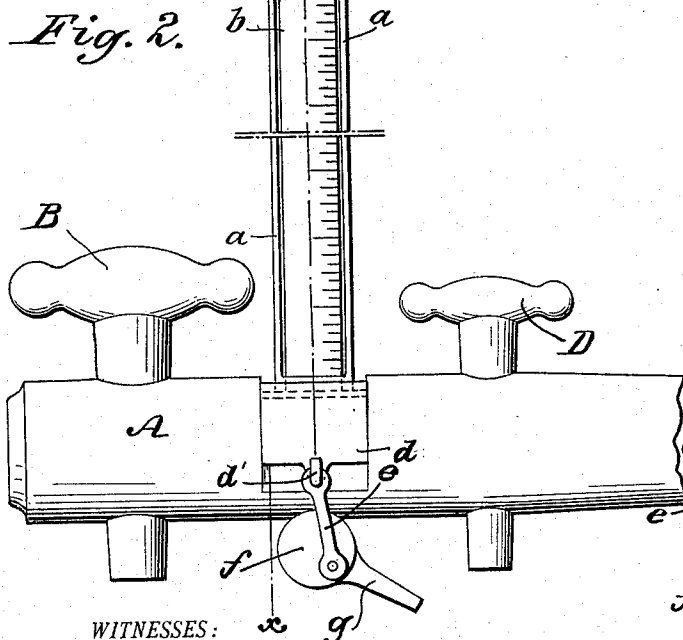
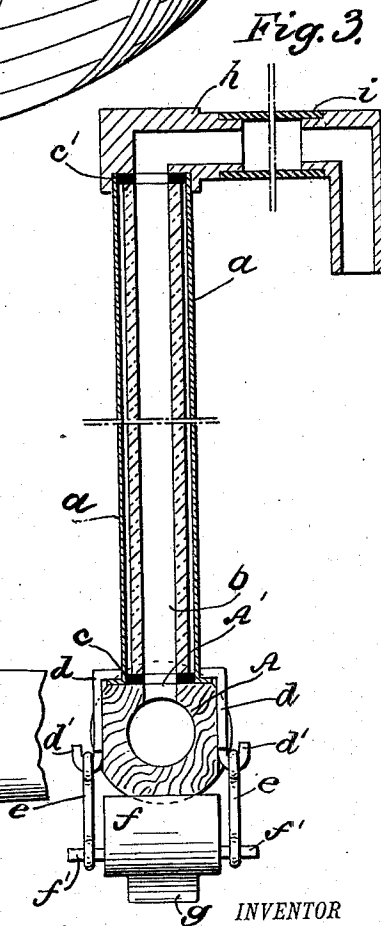


Fig. 2.



WITNESSES:
John H. Deemer
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Fig. 3.



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MEASURING-FAUCET.

SPECIFICATION forming part of Letters Patent No. 533,138, dated January 29, 1895.

Application filed March 8, 1894. Serial No. 502,904. (No model.)

To all whom it may concern:

Be it known that I, GILBERT T. MCCREA, a citizen of the United States, and a resident of Brush Valley, in the county of Indiana, State of Pennsylvania, have invented certain new and useful Improvements in Spigots for Barrels, of which the following is a specification.

This invention relates to spigots for kegs, barrels and other vessels and has for its object to provide a simple, cheap, accurate and readily applicable device, capable of being secured to the spigot, and adapted to indicate the quantity of liquid in the vessel.

The invention consists in the novel construction and arrangement of parts hereinafter more fully described and particularly set forth.

In the accompanying drawings, forming part of this specification, in which like letters of reference designate corresponding parts in all the views, Figure 1 is a perspective view of a barrel embodying my invention and provided with my improved device. Fig. 2 is a side elevation of the spigot. Fig. 3 is a section of the same on the line $x-x$.

In the body of any ordinary spigot A, I form rearward of the tap B an opening A' and secure above the same, a tubular standard a open at front and rear and having within the same a glass tube b aligning with the opening A' and resting upon a washer c at the bottom.

The standard is secured upon the spigot by means of an angular plate d upon which, the standard is fastened and having hooks d' thereon, from which depend double-eyed loops e . A cam f having lugs f' at each side engaging with the loops e rests below the spigot and when turned by means of the handle g thereon, clamps the standard in place.

At the top of the standard a is an elbow h , having a washer c' intervening the tube b , and the same, branching off from which is a pipe i leading to the center or bilge of the barrel, C and entering the same through the bung-hole C' of the barrel.

The tube b is of substantially the same height as the head of the barrel to which the spigot is applied and has suitable graduations marked thereon throughout its length and the liquid rising in the tube to a height equal to that of the liquid in the barrel, the quantity of the latter may be constantly in view, and the outgo noted from time to time.

In order that the indicating device may not be damaged when inserting the spigot, or in packing or moving the barrel, the standard and its auxiliaries should be detached when the barrel is not in actual use, and to the end that the liquor may not escape through the opening A' in the spigot when the tube is not in place, I prefer to insert in the shank of the said spigot immediately in front of its junction, with the barrel, an auxiliary tap D, by means of which the liquid may be checked before it reaches the opening A'.

Where the device is applied to a spigot already in use, and the tap D is not inserted, it is desirable to close the opening A' by a plug or any other suitable means.

By the use of the pipe i the air or gas displaced by the entrance of the liquor in the tube is carried off to the barrel and the pressure of the liquor is equalized, preventing any inaccuracy of the indicator.

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

1. A spigot for kegs, barrels and other vessels, having an opening rearward of the tap, a glass tube supported above the opening by a standard, and a cam beneath the spigot attached to the said standard by loops at each side thereof and adapted to clamp the whole in place, substantially as shown and described.

2. A spigot for kegs, barrels and other vessels, having an opening rearward of the tap, a glass tube secured above the same by a tubular standard open at front and back, a cam below the spigot attached to the said standard by loops at each side thereof, a handle upon the cam to clamp the device in place, an auxiliary tap rearward of the opening and a pipe leading from the top of the tube to the bung-hole of the barrel, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 5th day of March, 1894.

GILBERT T. MCCREA.

Witnesses:

H. S. BUCHANAN,
GEORGE YANEY.