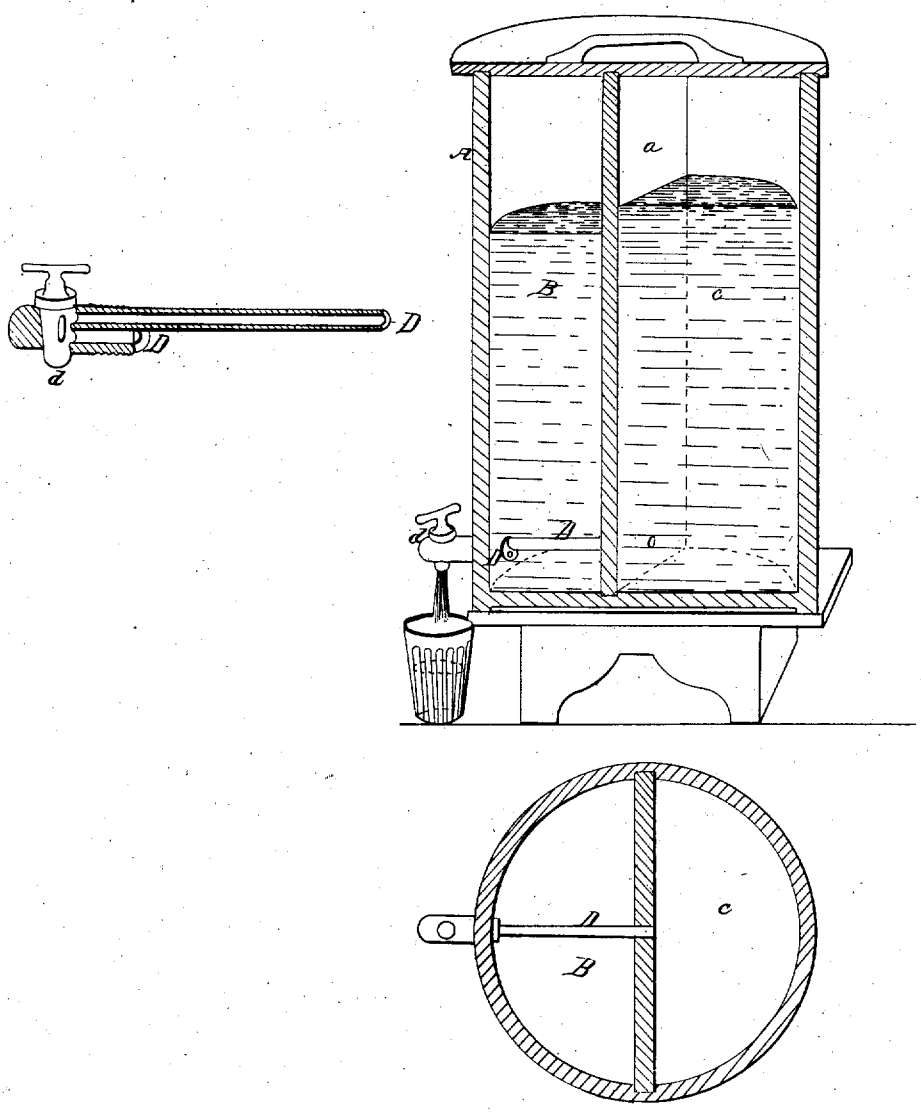
6554X

J. Ambler, Jr.,

Portable Soda Fountain.

Patented June 13, 1831.



N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

6/13/1831 6554X

June 13. 1831 249.

Peter Ambler Jr Chemango N.Y.

Letters Patent

The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said Peter Ambler from Witness of his improvement in the apparatus for making Soda Water

Be it known that I Peter Ambler Jun have invented an apparatus for making Soda Water by uniting the Separate Solutions in the act of drawing off the liquid and that the following is a full and exact description of the same.

I make a Cistern or reservoir in which I divide into two parts by a partition across the same or I make the reservoirs and place them together so that they shall answer the same purpose. Into one of the Compartments I put a Solution of tartaric acid or any other suitable acid and into the other a Solution of the Super bi-carbonate of Soda usually in the proportion of about two parts of the former to one of the latter which two Solutions are to be united in the act of drawing which produces an effervescence in the receiving vessel. To draw off the liquids I use a Stop cock in the Shank of which there are two perforations one of which the other a tube from one is connected with the acid and the other with the Saline Solution. The opening in the key of the cock is made oblong so as to allow the liquids to combine in it & flow out together. Instead of the Stop cock I sometimes substitute the Valves covering the openings in the Cistern. When the openings are to be connected by tubes uniting together & having an adjutage common to both. The Valves of these tubes are to be so connected that by sliding pressing or turning a button or other contrivance they shall act simultaneously.

What I claim as my invention and for which I ask a Patent is the employment of a Stop cock with the openings in the Shank or back part one each other as above described and also the Substitution of Valves operated upon by a single movement in any of the ways pointed out & practiced

Witness Wm. P. Sayles
Wm. Platt

Peter Ambler Jun