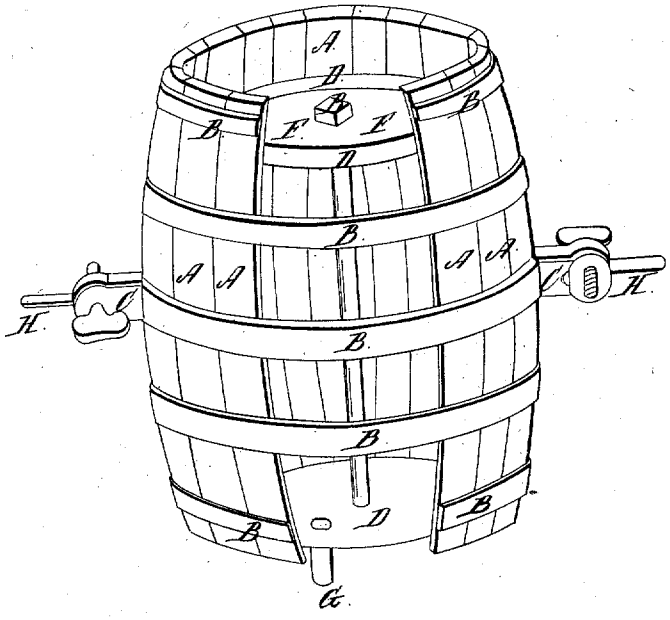
No Printed Specification Available

9579X

Boston & Bryan,

Soda Fountain,

Patented Apr. 11, 1836.



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

9579 X

Apl. 11. 1896

901.

Robert Boston and Thomas Bryan, New York.

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 Robert Boston & Thomas Bryan, themselves of their improvement in the construction of fountains for soda or other mineral waters.

To all to whom these presents shall come: Be it known that we Robert Boston and Thomas Bryan, both of the City and County of New York, and State of New York, have invented a new and useful improvement in the construction of fountains of wood for soda water or other mineral waters, or other liquids, where great pressure or condensing of gas is necessary, and that the following is a full true and exact description of the said improvement. Fountains are made of wood in the ordinary form of Barrels or casks with staves bound together by a sufficient number of hoops, of sufficient strength to sustain the pressure or condensing of gas required, some or all of the said hoops are so constructed as to clasp the fountain with screws; so that the said staves of the fountain may be tightened or compressed together from time to time as may be required. The under heads of the said fountain, in addition to the ordinary means of securing the heads of barrels or casks are secured by one or more Metallic bolts or bars passing through sufficient and suitable apertures in the said ends or heads, and through the interior of the fountain, the said bolts or bars are secured on the outer surface of one head or end of the fountain by sufficient and suitable flanges, and on the other end or head of the fountain by similar flanges and nuts screwed upon corresponding screws on the said bolts or bars so that the said under heads may be from time to time tightened as may be required. In case the said bolts or bars are constructed of any Metallic substance or substances, in order to prevent and avoid the corrosive effects of

soda

Soda or other Mineral water upon such Metallic substances the said metallic bolts or bars are tinned, or covered with Varnish or some other substance insoluble in said mineral waters, or they may be sheeted or inclosed in bars of wood sufficiently bored for that purpose, and so secured at each extremity as to be water tight. The fountain may rest or swing upon pivots attached to the middle hoop and the stems may be so constructed as to project above the upper end or head of the fountain sufficiently to form a suitable receptacle for ice for the purpose of cooling the contents of the fountain when desired, a flange and screw are inserted in one head or end of the fountain to which a pipe or tube may be attached so as to draw off with a suitable tap, the contents of the fountain. Each fountain may be covered or so closed with a canopy the pressure remaining of gas it will bear. And We the said Robert Boston and Thomas Bryan have herewith annexed a view or drawing of the said above described fountains, the particular parts whereof are marked with the letters of the alphabet, and to which particular parts respectively we hereinafter refer by corresponding letters. A represent the said staves. B. represent the said hoops. C. represent the mode of tightening by means of screws affixed to the hoops as herein before described. D. represent the said ends or heads. E. represent the said bolts or bars. F. represent the aforementioned fastenings of the said bolts or bars. G. represents the flange and screw to which a pipe or tube may be attached as herein before described. H represents the said pivots herein before mentioned. In order that the drawing or view may represent the interior of the said fountains it presents the appearance of a fountain from which one or more staves have been taken, the upper and lower hoops also for the like purpose are represented as imperfect and we the said Robert Boston and Thomas Bryan, claim as our joint and original invention in the above described fountains, the use of the said bolts or bars and of the said flanges thereunto so affixed so as to prevent the bursting of the said fountains when constructed of wood as herein before described and set forth, by

the

the pressure or condensing of gases therein. And we have therefore hereunto set our hands the thirtieth day of January in the year one thousand eight hundred and thirty six.

Witnesses
A. Tucker
P. Fisk

R. Boston
Thos. Organ

Drawing