

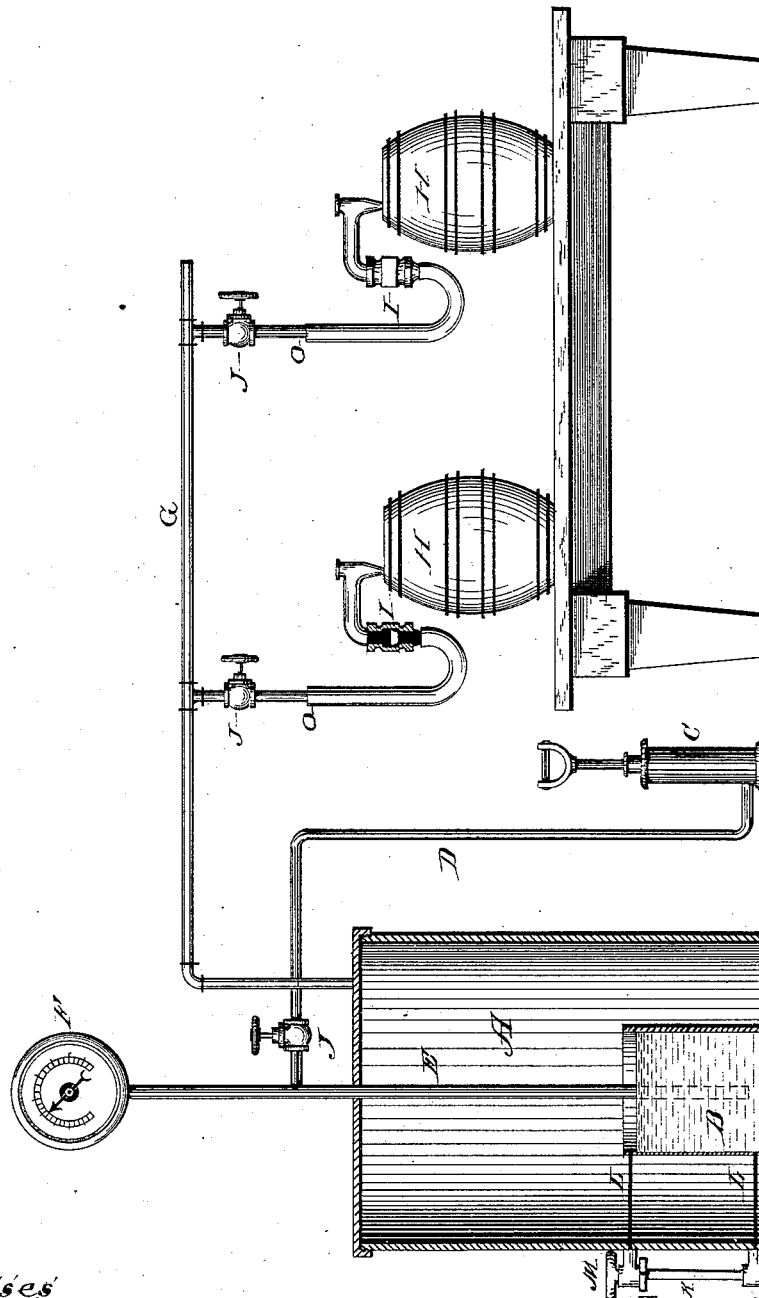
(No Model.)

J. F. KAUSLER.

APPARATUS FOR PRESERVING BEER.

No. 304,735.

Patented Sept. 9, 1884.



Witnesses
C. B. Story
Wm. Sinnott.

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UNITED STATES PATENT OFFICE.

J. FRITZ KAUSLER, OF SHEBOYGAN, WISCONSIN.

APPARATUS FOR PRESERVING BEER.

SPECIFICATION forming part of Letters Patent No. 304,735, dated September 9, 1884.

Application filed October 29, 1883. (No model.)

To all whom it may concern:

Be it known that I, J. FRITZ KAUSLER, a citizen of the United States, residing at Sheboygan, in the county of Sheboygan and State of Wisconsin, have invented certain new and useful Improvements in Apparatus for Preserving Beer; and I do hereby 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 letters or figures of reference marked thereon, which form a part of this specification.

My invention consists in an apparatus for preserving the natural flavor of beer while the beer is kept under atmospheric pressure in the cask.

The construction of my apparatus is explained by reference to the accompanying drawing, which represents a side elevation of the same.

A is an air-chamber.

B is a receptacle containing rye whisky.

C is an air-pump. Air is forced from the air-pump C to the air-chamber, and discharged below the surface of the whisky in the receptacle B through pipes D and E.

F is an ordinary pressure-gage.

G is a pipe leading from the air-chamber A through branch pipes O O to the beer-kegs H H. A greater or less number of kegs may be used, as desired.

I I are check-valves, which open with pressure from the air-receiver toward the kegs, and close as such pressure is withdrawn, thus preventing the compressed air and gases in the kegs from escaping therefrom.

J J are stop-cocks, which are closed when removing a keg, to prevent the escape of air from the air-receiver.

K is a glass gage, which communicates with the receptacle B through the pipes L L.

M is a screw-plug, which is removed when desirous to fill the receptacle B, and the liquor is introduced thereto through said glass. It is obvious that the liquor will at all times

stand at the same level in the glass gage as it is in the receptacle B, and that I am thereby enabled at a glance to ascertain the quantity of liquor in said receptacle.

If desired, the kegs H may be provided with ordinary faucets, or connected by tubes with taps upon an upper floor, when the pressure of air upon the surface of the beer will cause the same to rise in said tubes with the desired force.

I am aware of the method and apparatus described in United States Patent No. 109,126, and I therefore make no claim thereto.

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

1. The combination of the air-receiver A, distilled-liquor receptacle B, located within said air-receiver, and air-pump C, communicating by means described with the receptacle B below the surface of the liquor contained therein, said receptacle A being adapted to retain the air and alcoholic vapor received through said receptacle B and transmit the same to the beer-receptacle, as set forth.

2. The combination of exterior air-receiver, A, interior liquor-receptacle, B, glass gage K, communicating at its respective ends with said liquor-receptacle, and provided with valves, through which the receptacle B may be replenished, said receptacle A being connected by tubes with an air-pump, through which air is injected, and outlet-pipes connecting with beer-casks, substantially as and for the purpose specified.

3. In apparatuses for preserving beer, the combination of receiver A, receptacle B, glass gage K, pipe E, pressure-gage F, pipe D, provided with stop-cock J, pipe G, provided with one or more branch pipes, O, leading to said kegs, and check-valves I I, all substantially as and for the purpose specified.

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

J. FRITZ KAUSLER.

Witnesses:

JAS. B. ERWIN,

CLARENCE B. STORY.