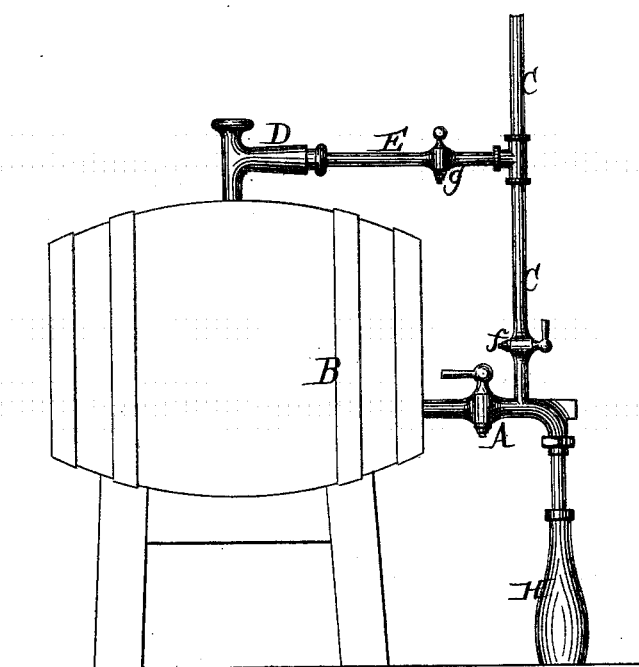


J. & J. STUBER.  
Apparatus for Filling Out Beer.

No. 220,888.

Patented Oct. 21, 1879.



Witnesses.

*Chas. Wahlers.*

*William Miller*

Inventors.

*John Stuber and  
Jacob Stuber  
by Van Santvoord & Hauff  
their Attys.*

# UNITED STATES PATENT OFFICE.

JOHN STUBER AND JACOB STUBER, OF SYRACUSE, NEW YORK.

## IMPROVEMENT IN APPARATUS FOR FILLING OUT BEER.

Specification forming part of Letters Patent No. **220,888**, dated October 21, 1879; application filed August 6, 1879.

### *To all whom it may concern:*

Be it known that we, JOHN STUBER and JACOB STUBER, both of Syracuse, in the county of Onondaga and State of New York, have invented a new and useful Improvement in Filling out Beer, which improvement is fully set forth in the following specification, reference being had to the accompanying drawing, which shows our invention in side view.

Our invention relates to filling out beer from casks or kegs into bottles or other receiving-vessels; and it consists in the combination, with the faucet in a cask or keg, of an attached pipe adapted to connect with a generator of carbonic-acid gas, for conducting such carbonic-acid gas into the stream running through the faucet into the receiving-vessel, so that the carbonic-acid gas issues from the faucet simultaneously with the liquid, and a thorough mixture of the two is insured. A branch of the pipe named is attached to a vent-valve in the bung-hole of the cask or keg, so that carbonic-acid gas may be admitted to the latter above the liquid, if desired.

In the drawing, the letter A designates a faucet in a keg, B, which may be supposed to be filled with beer. C is a pipe attached to the faucet A; D, a vent-valve in the bung-hole of the keg B, and E a branch of the pipe C attached to said valve. The pipe C and its branch E are respectively provided with a stop-cock, *f* or *g*.

In practice, the pipe C is to be connected with a generator of carbonic-acid gas, and when the faucet A is opened for the purpose of filling out beer from the keg B into a receiving-vessel, as into a bottle, H, the stop-cock *f* is to be opened, so that the carbonic-acid gas is conducted into the stream running through the faucet into the receiving-vessel.

The liquid and gas thus issue from the faucet A simultaneously, and it follows that they are thoroughly mixed in the receiving-vessel.

If the beer in the keg B has lost its life, and it is desired to remedy this defect, the stop-cock *g* is to be opened, so that carbonic-acid gas is admitted to the keg through the valve D above the liquid.

It will be seen that by our invention carbonic-acid gas only is used to charge the liquid, either in the receiving-vessel or the keg, and hence the quality of the liquid is not liable to be impaired, as when other substances are used for this purpose.

Our invention is applicable to a fining-cask from which beer is filled into a keg, the latter being in that case the receiving-vessel, as well as to a keg for supplying bottles and other smaller vessels.

What we claim as new, and desire to secure by Letters Patent, is—

1. The combination, with the faucet in a cask or barrel, of an attached pipe for connecting with a carbonic-acid-gas generator to conduct the gas into the stream passing through the faucet into the receiving-vessel, substantially as described.

2. The combination, with a faucet and with a vent-valve in a cask or keg, of a pipe attached to the faucet and having a branch attached to the vent-valve, substantially as and for the purpose described.

In testimony that we claim the foregoing we have hereunto set our hands and seals this 22d day of July, 1879.

JOHN STUBER. [L. S.]  
JACOB STUBER. [L. S.]

Witnesses:

W. HAUFF,  
E. F. KASTENHUBER.