

H. GNOSILL.

Ventilating Attachments for Beer-Faucets.

No. 157,172.

Patented Nov. 24, 1874.

FIG. 1

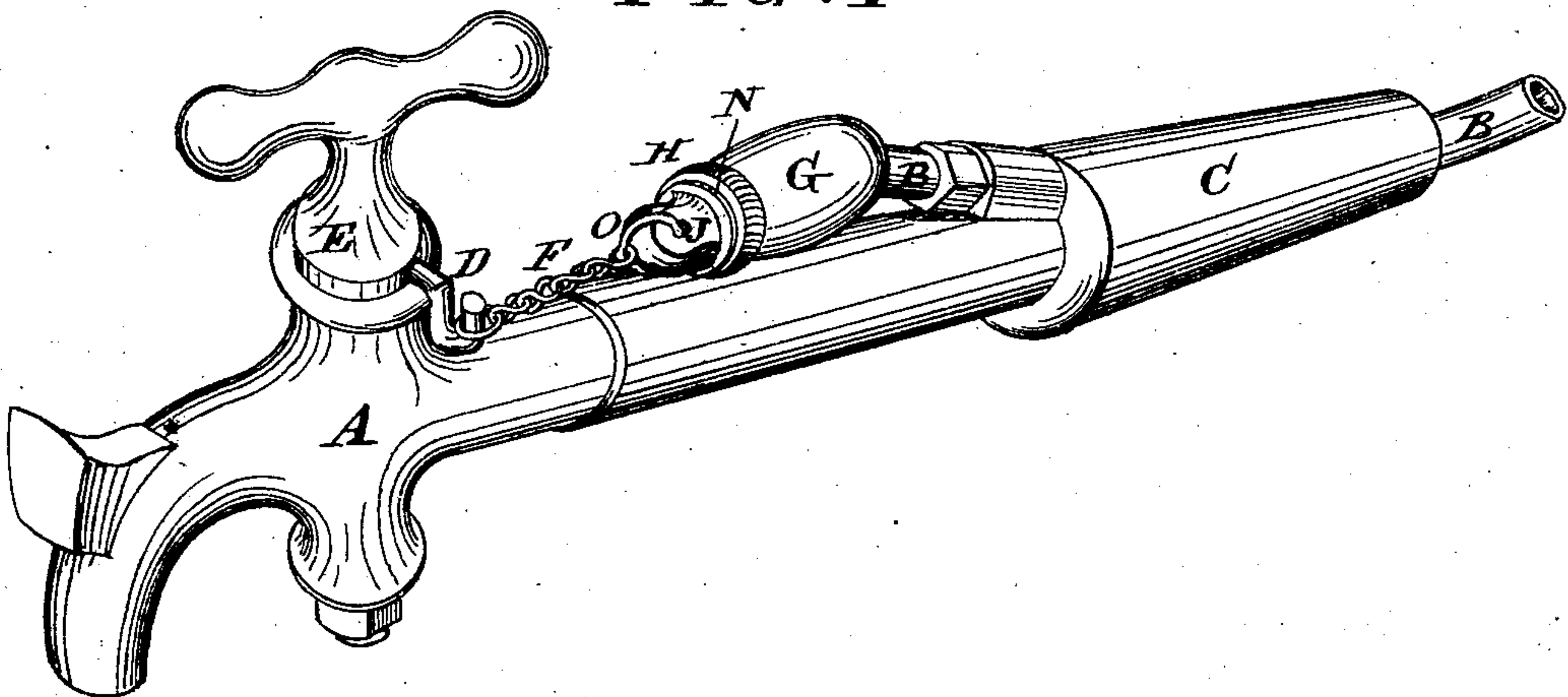


FIG. 2

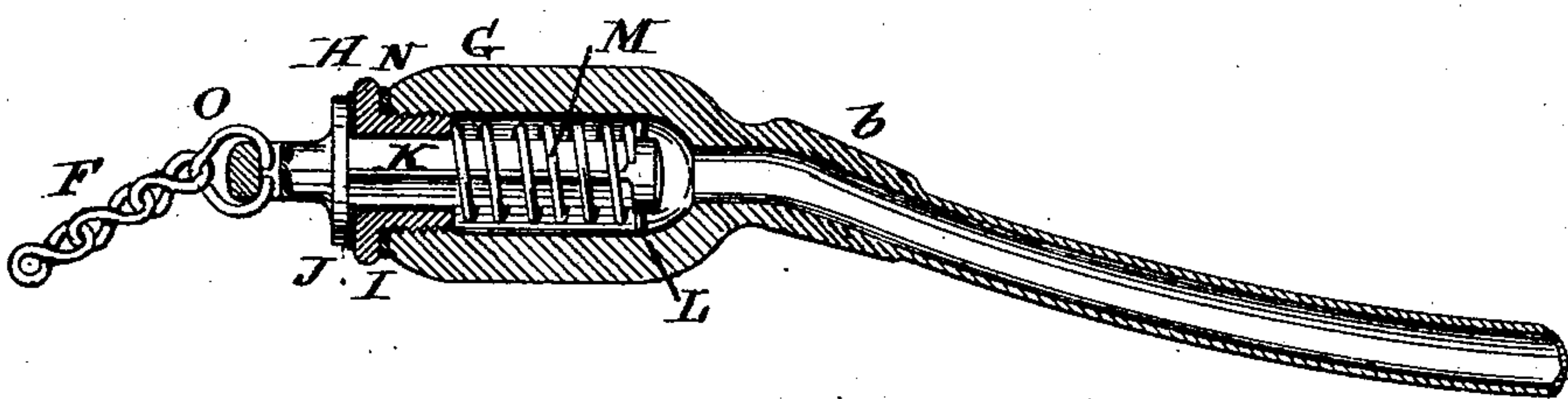
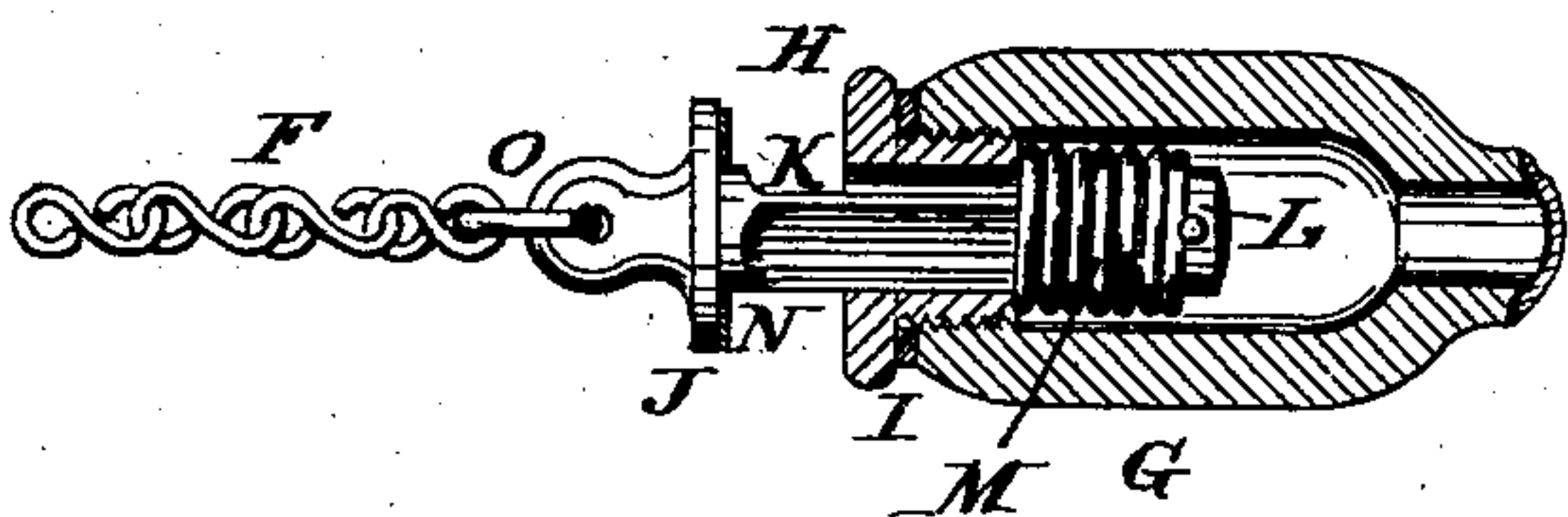


FIG. 3



Herry Gnosill  
Attest  
Jacob Scheitlin By Knight Bros. Att'ys  
Herry Tanner.

# UNITED STATES PATENT OFFICE.

HENRY GNOSILL, OF CINCINNATI, OHIO.

## IMPROVEMENT IN VENTILATING ATTACHMENTS FOR BEER-FAUCETS.

Specification forming part of Letters Patent No. **157,172**, dated November 24, 1874; application filed August 7, 1874.

*To all whom it may concern:*

Be it known that I, HENRY GNOSILL, of Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and useful Improvement in Ventilating Attachments for Beer-Faucets, of which the following is a specification:

This is an improvement in those devices which secure, at the will of the operator, an automatic admission of air into the cask or barrel to occupy the space of the liquor removed therefrom. This being accomplished wholly during the act of discharge, and being commensurate therewith, the device permits the barrel to remain tight, and its contents to continue free from atmospheric contact at all times, save while beer is being drawn. The nature and special advantages of my improvement consist in providing a valve open at all times to view, and easily and cheaply renewed, and having a conical neck to keep its tube in correct position.

In the accompanying drawing, Figure 1 is a perspective view of a faucet provided with my ventilator, the latter being closed. Figs. 2 and 3 are axial sections of said ventilator to a larger scale and in the closed and open conditions, respectively.

A may represent any beer-faucet, and B a curved tube, which extends from without through the butt C of the faucet, so as to reach, with its inner extremity, the upper part of the cask's interior. D is a hook, projecting from the spigot E, with which, when it is desired that the ventilator shall be effective, a chain, F, is engaged, which is connected to the valve.

The parts above described may be substantially as described in the patent to John Knoche for a similar purpose.

Over the devices of said Knoche I claim the advantages of a valve open at all times to view, and easily and cheaply renewed—qualities of vital necessity in this class of contriv-

ances, because very many of the faucets will necessarily be used in places distant from repairing facilities, and tavern-keepers, when they find the faucet irreparably out of order, except by sending to the place of manufacture, which may be distant or inaccessible, discard the improvement altogether.

With this proviso I will now proceed to explain my attachment as follows: G is my valve-chamber, with which the outer end of my curved tube communicates. This chamber is screw-threaded interiorly to receive the correspondingly screw-threaded tubular cap H, whose junction with the valve-chamber is made tight by means of a gasket, I. J is my valve of the puppet form, and having a stem, K, traversed by a pin, L, between which and the inner shoulder of the cap is introduced a spiral spring, M, which operates to hold the valve firmly to its seat. N is a gasket, introduced between the valve and the seat, to cause exclusion of air at all times, save when the valve is lifted. O is a ring or link for engagement of the chain F.

A portion of the tube B is made in conical form, as at *b*, so as to bind as tightly in place as not to be liable to be accidentally dislodged by use, and yet be capable of being pulled out when necessary preliminary to removing the faucet from the barrel or inserting therein.

I claim as new and of my invention—

In combination with a sliding air duct or tube, B, and a faucet whose spigot E has an arm, D, the valve-chamber G, having a conical enlargement, *b*, at its seat, screw-cap H, external puppet-valve J K, ring O, and chain F, as and for the object specified.

In testimony of which invention I hereunto set my hand.

HENRY GNOSILL.

Attest:

GEO. H. KNIGHT,  
O. P. CAYLOR.