E. Sirret,

Beer Faucet,

No. 53,692, Patented Apr. 3, 1866.

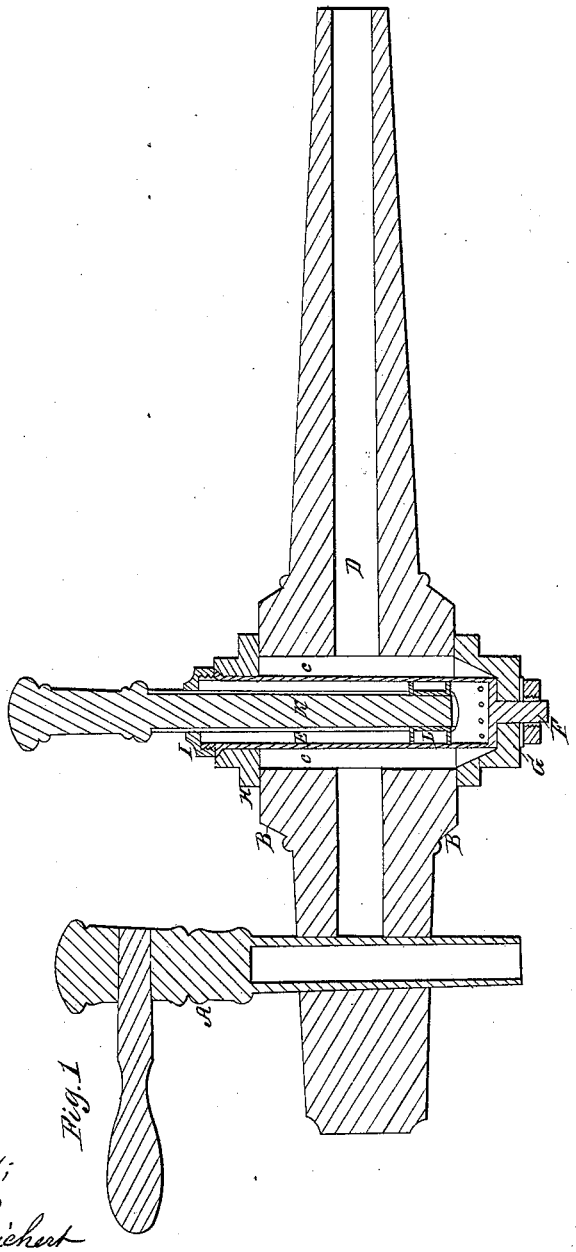

Fig. 1

Witnesses;
P. F. Reichert
E. G. Sirret

Inventor;
Emile Sirret,

UNITED STATES PATENT OFFICE.

EMILE SIRRET, OF BUFFALO, NEW YORK.

IMPROVEMENT IN BEER-FAUCETS.

Specification forming part of Letters Patent No. **53,692**, dated April 3, 1866.

To all whom it may concern:

Be it known that I, EMILE SIRRET, of the city of Buffalo, county of Erie, and State of New York, have invented a new and improved device for foaming beer and other liquids artificially previous to their being drawn, so as to be able to cause the foaming of the liquid to any degree desired within a common faucet, and that immediately after, when the pin of the faucet is turned so as to open, the liquid will flow from it in a creamy and gaseous state sufficient to fill two or three glasses without renewing the operation; and I do hereby declare that the following is a full and exact description.

The nature of my invention consists in having a hollow room or chamber inside a common faucet, between the cross-pin and the end which taps into the barrel. The hole in the faucet running through this chamber will constantly keep it filled with liquid, so that when it is required the foaming operation can be performed, which is done by placing down in the chamber a kind of syringe with a ring of fine holes around the lowest end of the tube, this end being fastened to the bottom of the chamber by means of a screw. The upper end of the tube with the piston-rod extending outside is tightly fastened on the top of the chamber, so as to prevent any escape of liquid. The head of the piston-rod extending out of the tube, and running parallel with the head of the cross-pin, enables the same hand to handle both of them with facility.

The up-and-down movement of the piston will naturally force in and out of the tube through the small holes all the liquid contained in the chamber, and convert it into a foaming substance.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

Figure 1 is a cross-section of the faucet.

Same letters refer to those on Fig. 1.

I construct my faucet on the ordinary plan, only using a swelling or shoulders, B B, on each side of its body, between the cross-pin A and the small end of the faucet, for the purpose of giving more depth to the chamber or reservoir C, which I make by boring one or more holes, according to the capacity intended to give the said chamber. The hole is bored from one shoulder B B to the other and across the hole D in the faucet. Into this chamber I fasten a kind of syringe, E, which runs through it parallel with the cross-pin A. This syringe is kept fast in the chamber by the screw and nut F, which work as a bolt under the bottom G, so that when screwed fast both top and bottom H G will be set air-tight against the shoulders B B and between the extending base of the syringe I and the said screw and nut F, and hold together as one.

The piston-rod K, which runs out above the cover, is connected to the piston L by any suitable means. This piston is made of metal, of the shape of a spool of thread, surrounded by a soft substance, so as to fit nicely the inside of the tube.

To facilitate the handling, I make the arm of the cross-pin turn to the right to open and to the left to close.

What I claim as my invention, and desire to secure by Letters Patent, is—

Foaming beer or other liquids to any degree desired previous to their being drawn, by constructing a hollow room or reservoir within an ordinary faucet, between the cross-pin and the end to be tapped in the barrel to be operated into by the syringe E, for the purpose and in the manner set forth.

EMILE SIRRET.

Witnesses:
JAS. H. GLENNIE,
H. C. GRAIN.