

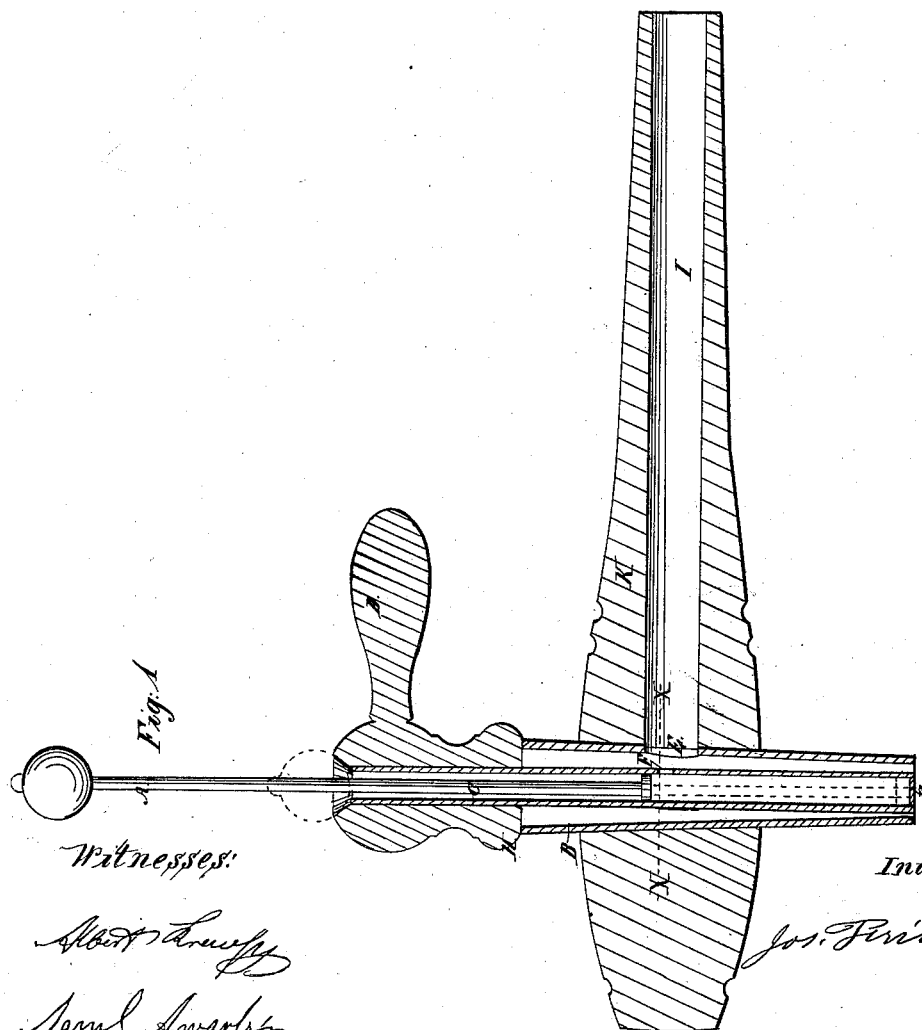
J. Firmenich,

Beer Faucet.

Nº 54,707.

Patented May 15, 1866.

Fig. 2



Witnesses:

Albert L. Luff
Samuel A. Warley

Inventor:

Jos. Firmenich

UNITED STATES PATENT OFFICE.

JOSEPH FIRMENICH, OF BUFFALO, NEW YORK.

IMPROVEMENT IN BEER-FAUCETS.

Specification forming part of Letters Patent No. 54,707, dated May 15, 1866.

To all whom it may concern:

Be it known that I, JOSEPH FIRMENICH, of Buffalo, in the county of Erie and State of New York, have invented a new and useful Improvement in Beer-Faucets; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in making the plug of the main body of a beer-faucet of hard india-rubber, which is not liable to expand or contract by being exposed or subjected to moisture or dryness. At the same time it works perfectly smooth, and is not liable to wear or get out of order.

It further consists in attaching the upper portion of the plug to wood which forms the wrench, thus saving a large amount of rubber material in its manufacture.

Figure I is a longitudinal sectional elevation of my improved faucet. Fig. II is a top-plan view of the plug, taken from the line X X in Fig. I.

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

Letters of like name and kind refer to like parts in the drawings.

K represents the main plug or body of the faucet, made of hard wood or other suitable material and of common form.

I is the bore leading to and connected with

the orifice E in the plug B, which is made of hard rubber.

D is the wrench, made of wood, and attached to the upper part of the india-rubber at H.

C is a tube composed of india-rubber, and extending longitudinally through the plug B, and also through the wood attached to its upper part. G is the lower orifice of the tube. A is the piston-rod or plunger.

This tube, which acts on the principle of a syringe, is used in the following manner: When the tumbler or vessel is filled with beer a portion of the liquid is taken up into the tube by raising the piston, and forced back into the contents of the vessel, causing it to effervesce, and by this means developing a gas which increases the delicacy of the flavor.

B in Fig. II is a transverse section of the body of the india-rubber plug. E is its opening, communicating with the bore of the main plug K in Fig. I.

C is a transverse section of the tube in which acts the piston-rod or plunger A in Fig. I.

I claim—

The plug of a faucet, made wholly of rubber, partially elastic, when arranged and combined with the wooden wrench, and operating substantially as and for the purposes herein set forth.

JOS. FIRMENICH.

Witnesses:

ALBERT KRAUSS,
SAML. SWARTZ.