(No Model.)

C. A. MAUS.

APPARATUS FOR DRAWING BEER.

No. 256,717. Patented Apr. 18, 1882.

Fig. 1.

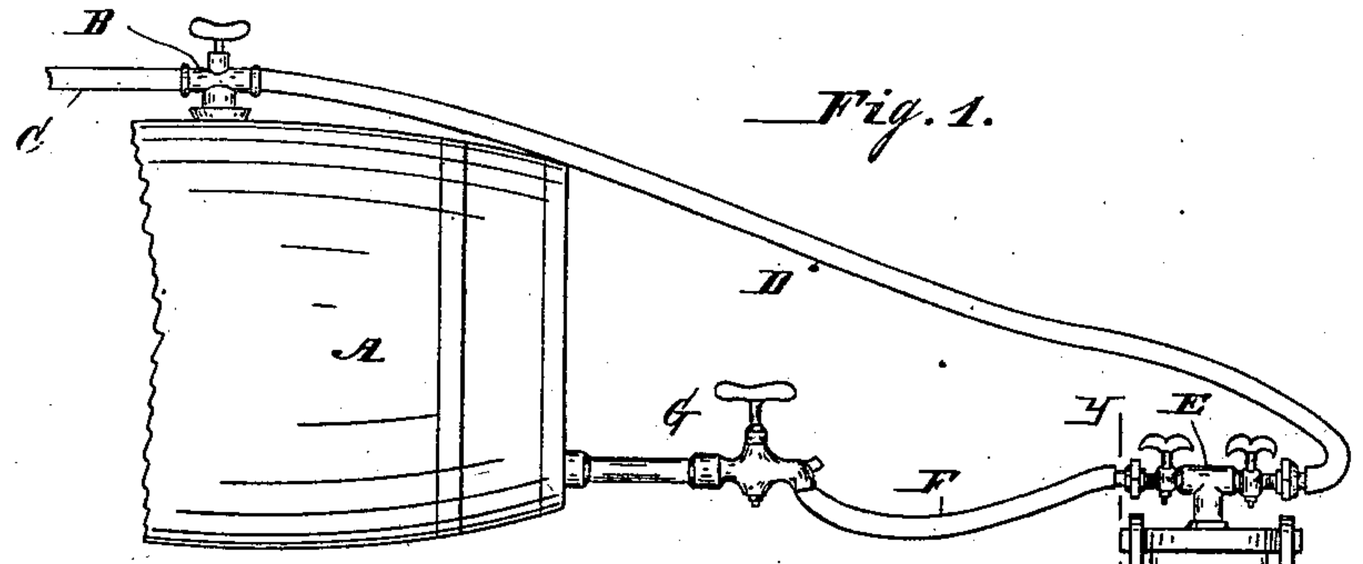


Fig. 2.

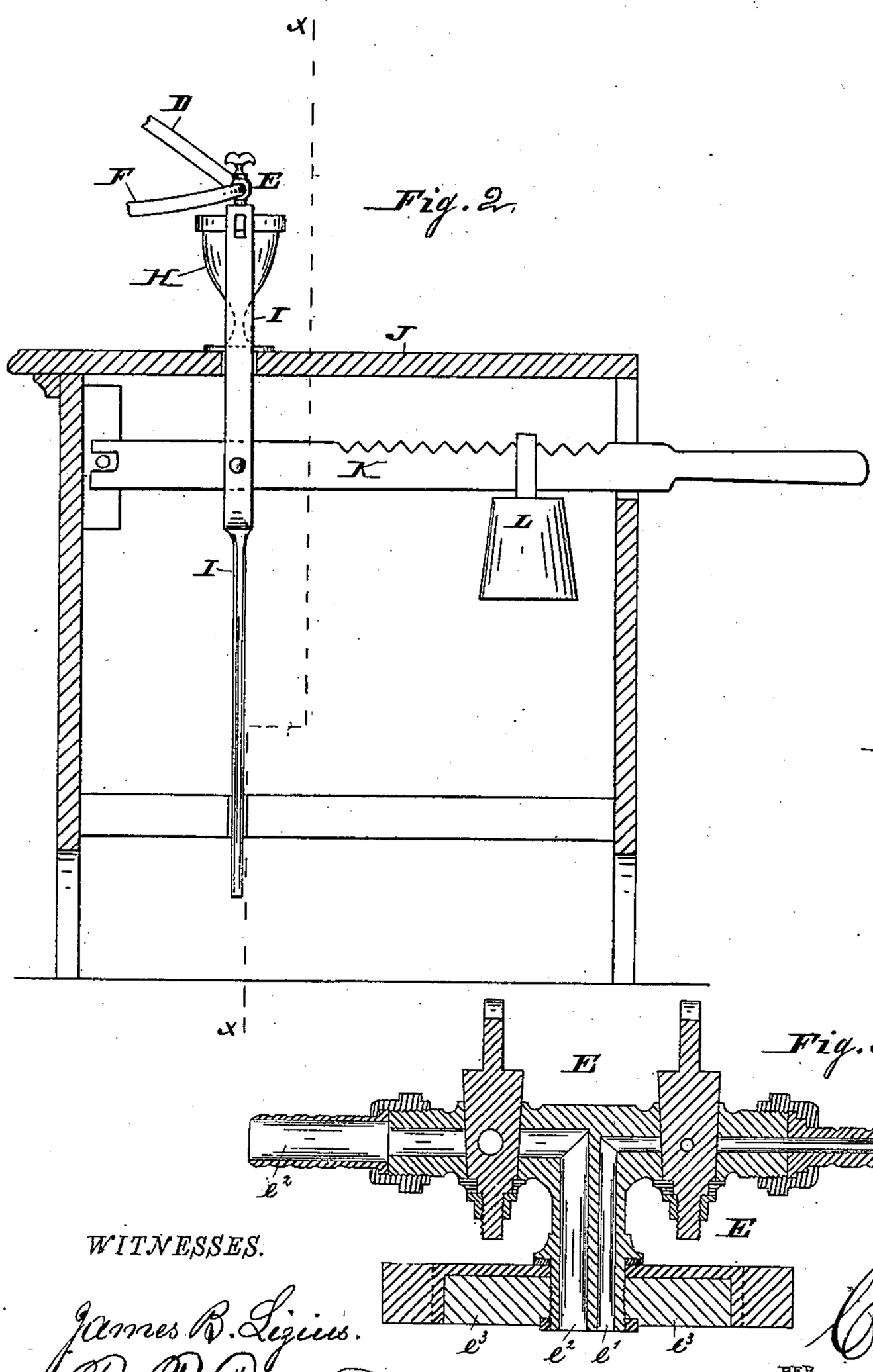
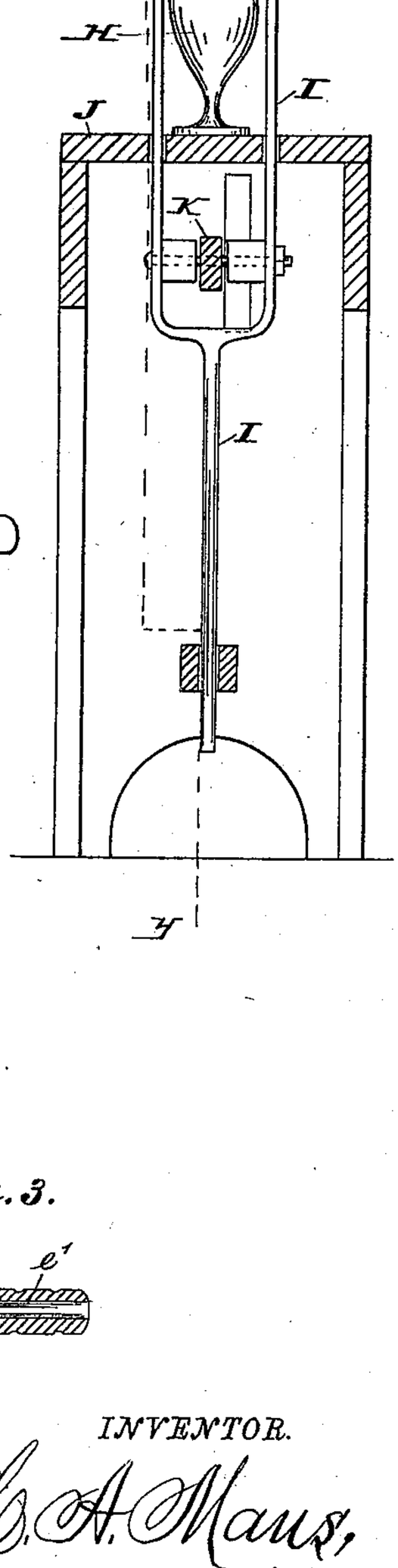


Fig. 3.



WITNESSES.

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APPARATUS FOR DRAWING BEER.

SPECIFICATION forming part of Letters Patent No. 256,717, dated April 18, 1882.

Application filed October 1, 1881. (No model.)

To all whom it may concern:

Be it known that I, CLEMENT ALBERT MAUS, of the city of Indianapolis, county of Marion, and State of Indiana, have invented certain new and useful Improvements in Apparatus for Drawing Beer, &c., of which the following is a specification.

The object of my said invention is to draw beer, ale, &c., from the keg or other vessel in which it is held without liberating the gases therein contained; and it consists in the construction and arrangement of parts hereinafter described and claimed.

Referring to the accompanying drawings, which are made a part hereof, and on which similar letters of reference indicate similar parts, Figure 1 is a side elevation of the beer-keg, glass, faucets, and connections which are necessary to my invention, as seen from the dotted line *x x* in Fig. 2, the stand whereon the glass rests being shown in section at that point. Fig. 2 is an elevation of the glass and attachments, as seen from the dotted line *y y*, the stand being shown in section at that point also; and Fig. 3 is a longitudinal vertical section of the combined double faucet and cover for the glass.

In said drawings, the portion marked A represents the cask or keg containing the beer; B, a three-way cock inserted in its bung, or at a point above the level of the beer therein; C, a tube leading to said cock from an air pump or compressor; D, a tube leading from said cock to a combined double faucet and cover for the glass; E, said combined device; F, a tube leading therefrom to the ordinary beer-faucet; G, said faucet; H, the glass; I, a vertically-moving bar bifurcated at the upper end, between the arms of which the combined cap and double faucet E is carried, and by which it is raised or pressed down, as may be required; J, a stand, through the top of which the arms of the rod I pass; K, a handle for operating said rod, and L a weight thereon.

All the devices herein are either of ordinary form and well known or simple and easily understood, except the combined double faucet and cap E. This device, as will be seen by Fig. 3, has two passage-ways not communicating with each other, but both opening through the bottom of the device and each having a separate cock. One, e', communicates with the air-pipe D, and the other, e^2, with the beer-tube F. The portion e^3 of the cap which comes in contact with the glass is preferably of rubber or some other elastic material, so as to insure an air-tight joint between said glass and said cap.

The advantage of having the beer-inlet and air-outlet entirely non-communicating is that the beer and air do not mingle with each other or interfere with the free passage thereof, as they would if the two pipes or tubes were allowed to come together before entering the glass.

The operation of my said invention is as follows: The glass is set on the stand J between the arms of the rod I, with the cap E resting thereon, the handle K being raised to allow this to be done. When the glass is in position the handle K is released and the weight L operates to hold the cap firmly upon the glass, which is necessary to prevent said cap from being raised by the force of the compressed air when it is admitted thereto through the tube D. When all is in readiness the air-cocks are opened, admitting an equal pressure of air into both the cask A and the glass H. The beer-faucets are then opened and the beer runs into the glass. The air-pressure is equal thereon from both sides, and therefore its force is acquired solely from gravity, the keg being elevated somewhat above the glass. The glass being tightly closed, of course no gases can escape. The air in the glass as it is displaced by the beer flows back into the keg through the tube D and the three-way cock B and takes the place of the beer which has been drawn out.

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

1. The combination of the keg A, three-way cock B, tubes C, D, and F, combined double faucet and cap E, adapted to be applied to the glass, and faucet G, all substantially as shown and described, and for the purposes specified.

2. The combination, in an apparatus for drawing beer under pressure, and which prevents the escape of gases, of a cap, E, for said glass, which fits tightly thereon, a vertically-movable rod attached to said cap, and a handle for manipulating said rod and holding said cap firmly upon said glass, substantially as set forth.

3. In an apparatus for drawing beer under

pressure, a combined double faucet and cap, E, having two openings not connected with each other, each having a cock, and both opening independently of each other through the bottom side into the glass, one being for the admission of beer and the other being for the admission or expulsion of air, all substantially as specified.

In witness whereof I have hereunto set my hand and seal, at Indianapolis, Indiana, this 27th day of September, A. D. 1881.

C. ALBERT MAUS. [L. S.]

In presence of—
C. BRADFORD,
CHAS. DUVALL.