(No Model.)

A. J. WEATHERHEAD.

DRAIN TUBE FOR FAUCETS.

No. 346,520. Patented Aug. 3, 1886.

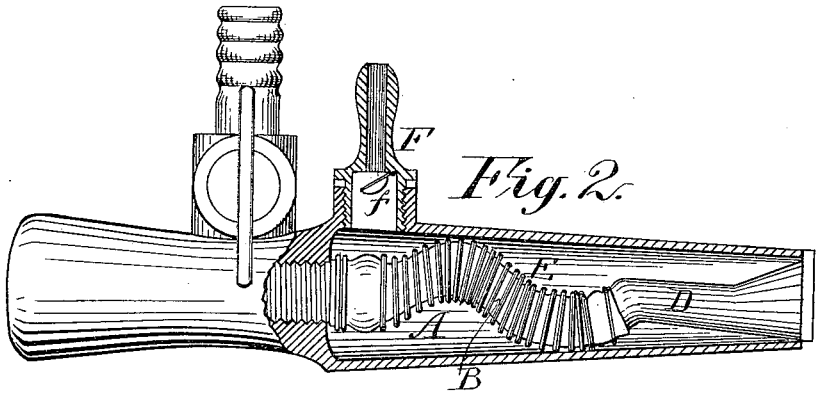

Fig. 2.

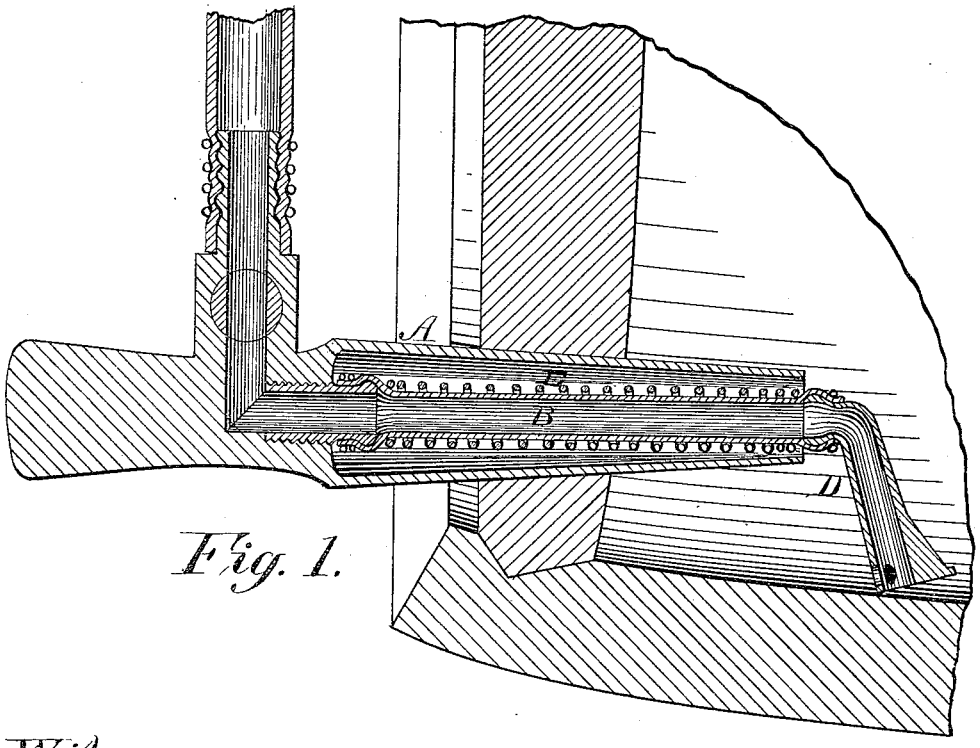

Fig. 1.

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Atty

UNITED STATES PATENT OFFICE.

ALBERT J. WEATHERHEAD, OF CLEVELAND, OHIO, ASSIGNOR TO THE CLEVELAND FAUCET COMPANY, OF SAME PLACE.

DRAIN-TUBE FOR FAUCETS.

SPECIFICATION forming part of Letters Patent No. 346,520, dated August 3, 1886.

Application filed January 15, 1885. Serial No. 153,038. (No model.)

To all whom it may concern:

Be it known that I, ALBERT J. WEATHERHEAD, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Drain-Tubes for Faucets, of which the following is a specification.

The invention relates to an improvement in faucet-connections. By this device the liquid contents of a barrel may be withdrawn at whatever level with respect to the orifice of the inner end of the faucet the surface of said contents may stand.

Figure I represents a longitudinal section of a plug or faucet end with the device in position for use. Fig. II is a similar section showing the device within the faucet end ready for insertion in the cask.

A is the tapering chamber constituting the end of the faucet or pump, which is inserted in the barrel.

B is a hose of rubber or other elastic material or construction, closely attached to the interior surface of the chamber by a nipple, which may be screwed into or otherwise attached to the inner wall, and must be in communication with the passage-way through the faucet.

D is a metallic tube having a shoulder or flange connected with the hose at its end.

For use in barrels whose tap-holes are at the usual distance from the sides, I prefer to make the length of said hose correspond with that of the chamber from the point of attachment, as above described, to the chamber's orifice within the cask. At the inner extremity of the hose it is firmly attached to the shorter arm of a bent metallic tube, D, whose longer arm reaches downward toward the bottom of the barrel. The longer arm of said metallic tube is cylindrical in form from the bend until near the middle point of its length, from whence its longest face and its faces lateral thereto gradually rise until they end in a square shoulder or flange, which rests against the end of the faucet when the hose is forced within, and in such position provides the faucet with a cap whose outer face will rest evenly against the cork when the faucet is driven into the barrel. The tube may also have holes at its side near its lower open end.

To insert the device in the barrel, the metallic tube is crowded back into the chamber upon the attached hose until the shoulder rests against the orifice of the chamber, as seen in Fig. 2. The faucet thus containing the hose and tube is then so placed that the outer face of said tube sets against the cork in the barrel-head, and the faucet is driven in in the usual manner, whereupon, the resistance of the cork being removed, the elasticity of the hose projects the bent tube from the chamber and in position below the orifice of the same, whereby is completed an extended passage-way for the liquid from the lowest point of the barrel through the body of the faucet or pump to the spout.

Having described my invention, I claim—

1. The combination, with the chamber A, of the elastic hose B and the bent metallic tube D, having shoulder or flange, for the purpose specified, substantially as shown and specified.

2. In connection with the inner chamber of a faucet, pump, or plug, the combination of an elastic hose with a metallic tube having shoulder or flange of greater diameter than the orifice of the inner end of the said faucet, pump, or plug, substantially as shown and described.

3. The combination, with the chamber of a faucet, pump, or plug, of an elastic or flexible hose and a metallic tube having a shoulder or flange adapted to rest against the end of said faucet, pump, or plug, when the said hose is forced wholly within the same.

4. The combination, with the chamber of a faucet, pump, or plug, of an elastic or flexible hose and a rigid tube having a shoulder or flange at its free end whose diameter is greater than the diameter of the orifice of said faucet, pump, or plug, for the purposes described.

ALBERT J. WEATHERHEAD.

Witnesses:
E. W. LAIRD,
GEO. W. TIBBITTS.