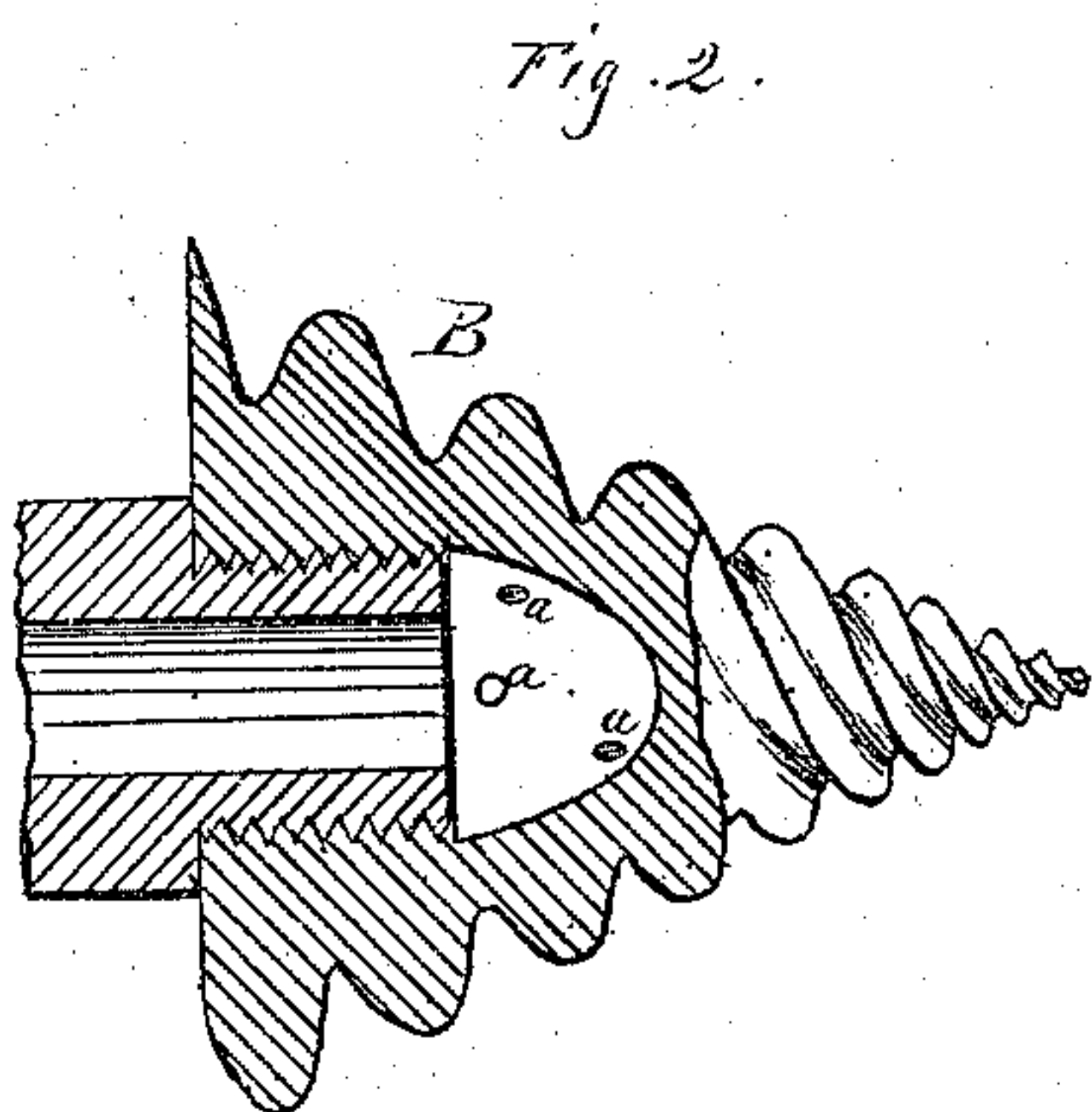
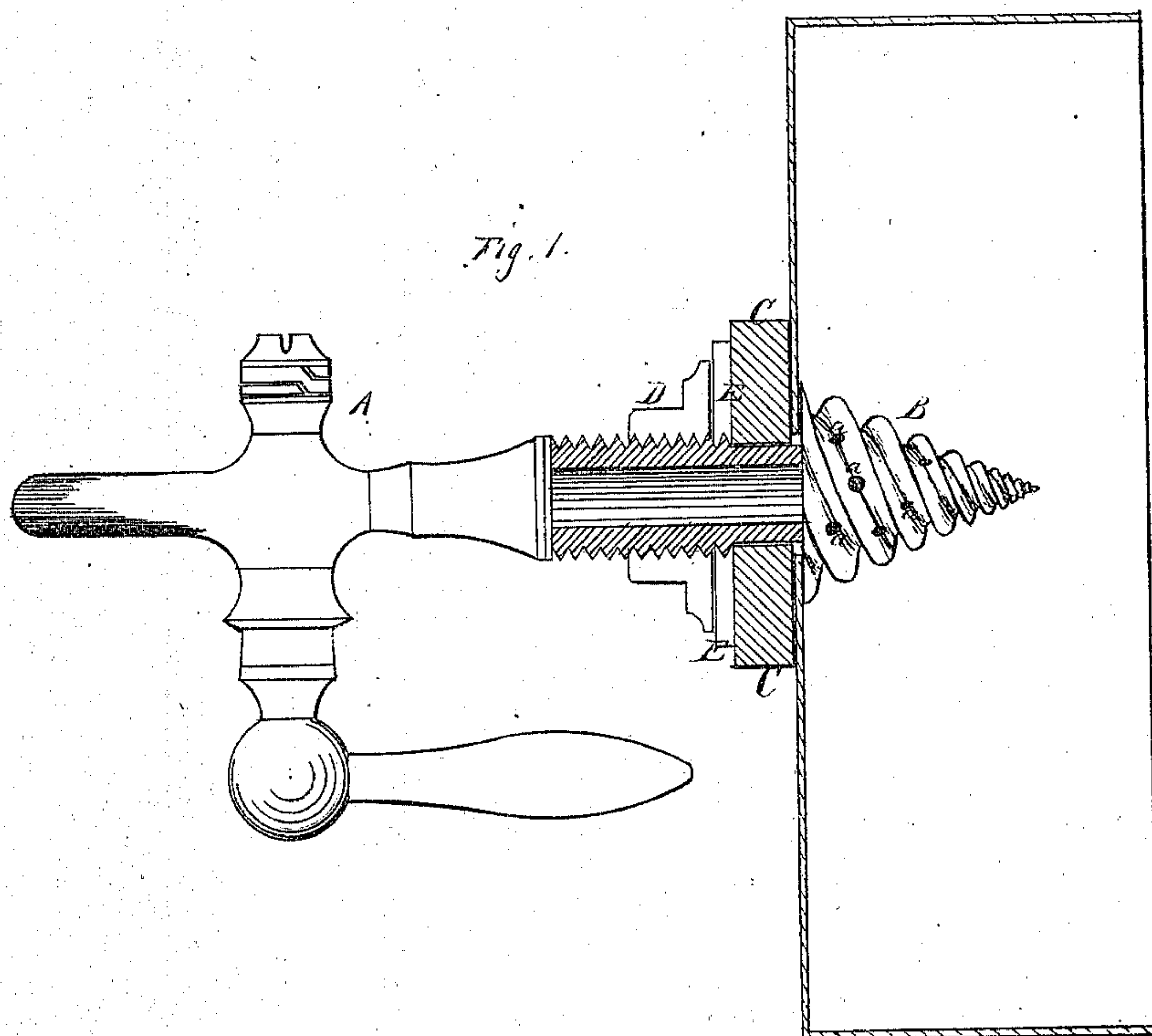


J. H. Lord,

Faucet.

No. 105818.

Patented July 26. 1870.



Witnesses.
Geo. H. Strong.
Chas. Brown.

Inventor.
James H. Lord.

UNITED STATES PATENT OFFICE.

JAMES H. LORD, OF SAN FRANCISCO, CALIFORNIA.

IMPROVEMENT IN FAUCETS.

Specification forming part of Letters Patent No. **105,818**, dated July 26, 1870.

To all whom it may concern:

Be it known that I, JAMES H. LORD, of the city and county of San Francisco, State of California, have invented an Improved Faucet Attachment to Cans; and I do hereby declare the following description and accompanying drawing are sufficient to enable any person skilled in the art or science to which it most nearly appertains to make and use my said invention or improvement without further invention or experiment.

My invention relates to an improvement in attaching faucets, tubes, and pipes to tin or other thin-metal cans or vessels from which liquids are to be drawn, and is intended both for the purpose of piercing the hole in the can into which it is to be placed, and to give a perfectly tight joint when it is secured to the can.

In order to more fully explain my invention, reference is had to the accompanying drawing, forming a part of this specification, in which—

A represents a faucet of any of the ordinary kinds. The rear end of the stem of this faucet is provided with screw-threads, as shown, and a short conical auger, B, is screwed upon its extremity. This conical auger is hollow, and small holes *a* are made through it between the threads, so as to allow the liquid to pass into it, and from thence it passes through the faucet. The threads of this auger are made quite wide near the upper end or base of the cone, so that when the auger is bored into the tin vessel, in the usual manner, the actual diameter of the hole made will be equal to the diameter of the base of the cone, less the width

of the threads; but a narrow slit will be left by the threads, which will in no way interfere with the perfectly tight joint which is required. After being bored into the can the faucet is turned slightly, until the face or ends of the threads bear against the metal between the slits made by them in entering. A rubber or other elastic washer or pad, C, is then forced against the metal on the outside of the can by a nut, D, and metallic washer E, until the metal around the hole is compressed to such a degree as to be perfectly tight. The liquid in the can or vessel can then be drawn off as desired, in its exit passing through the holes *a* into the hollow auger, and thence out through the faucet.

This manner of attaching faucets, tubes, and pipes to metal cans is effective and convenient, as it makes its own hole by simply boring it in, and can be detached when desired.

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

The above-described faucet, in which are combined the hollow conical auger B, provided with openings *a*, and the elastic washer C and nut D, substantially as and for the purposes set forth.

In witness that the above-described invention is claimed by me I have hereunto set my hand and seal.

JAMES H. LORD. [L. S.]

Witnesses:

GEO. H. STRONG,
CHARLIE BROWN.