

Garrigan & Hall

Car Faucet

Nº 97,290.

Patented Nov. 30, 1869.

Fig. 1

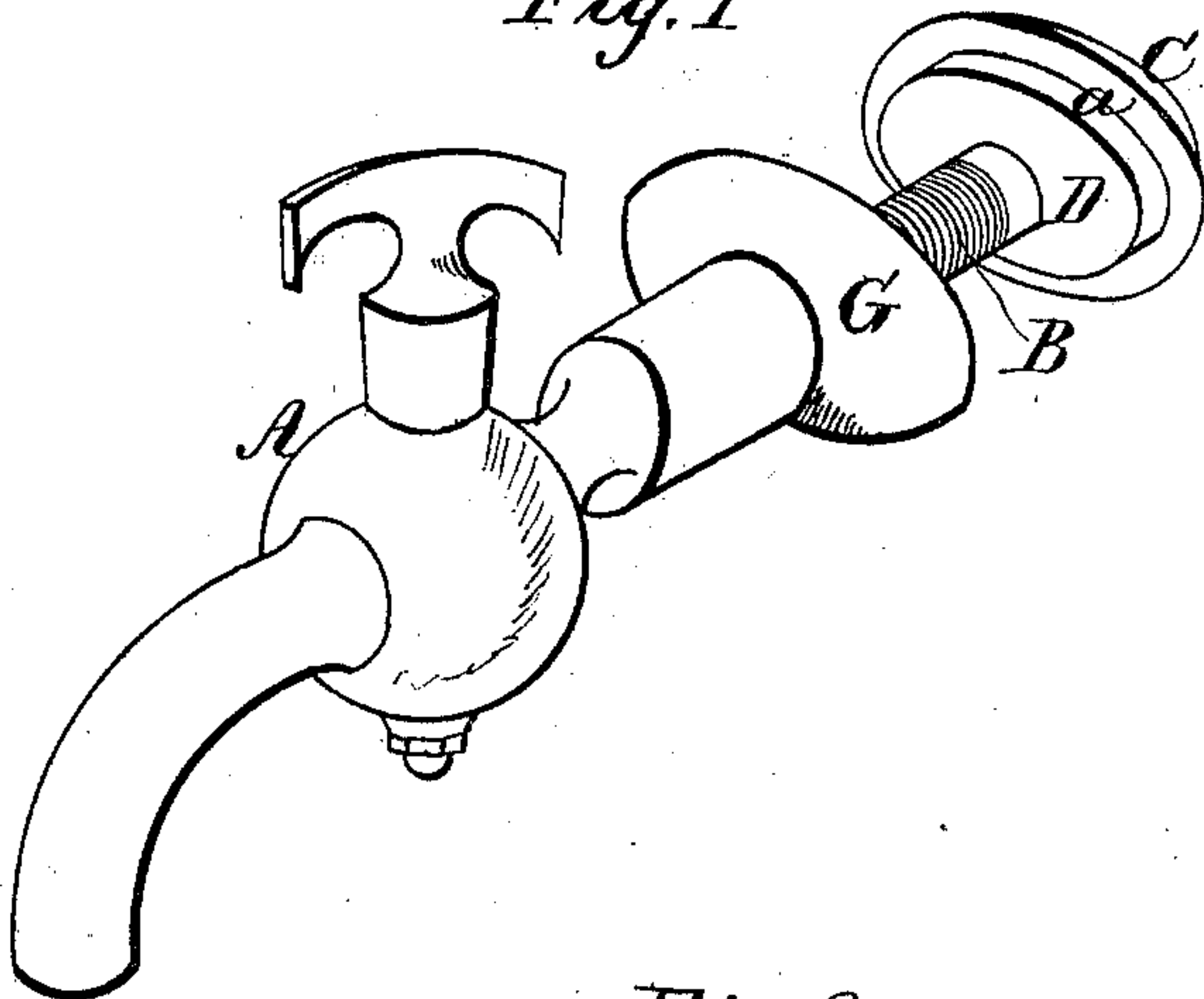
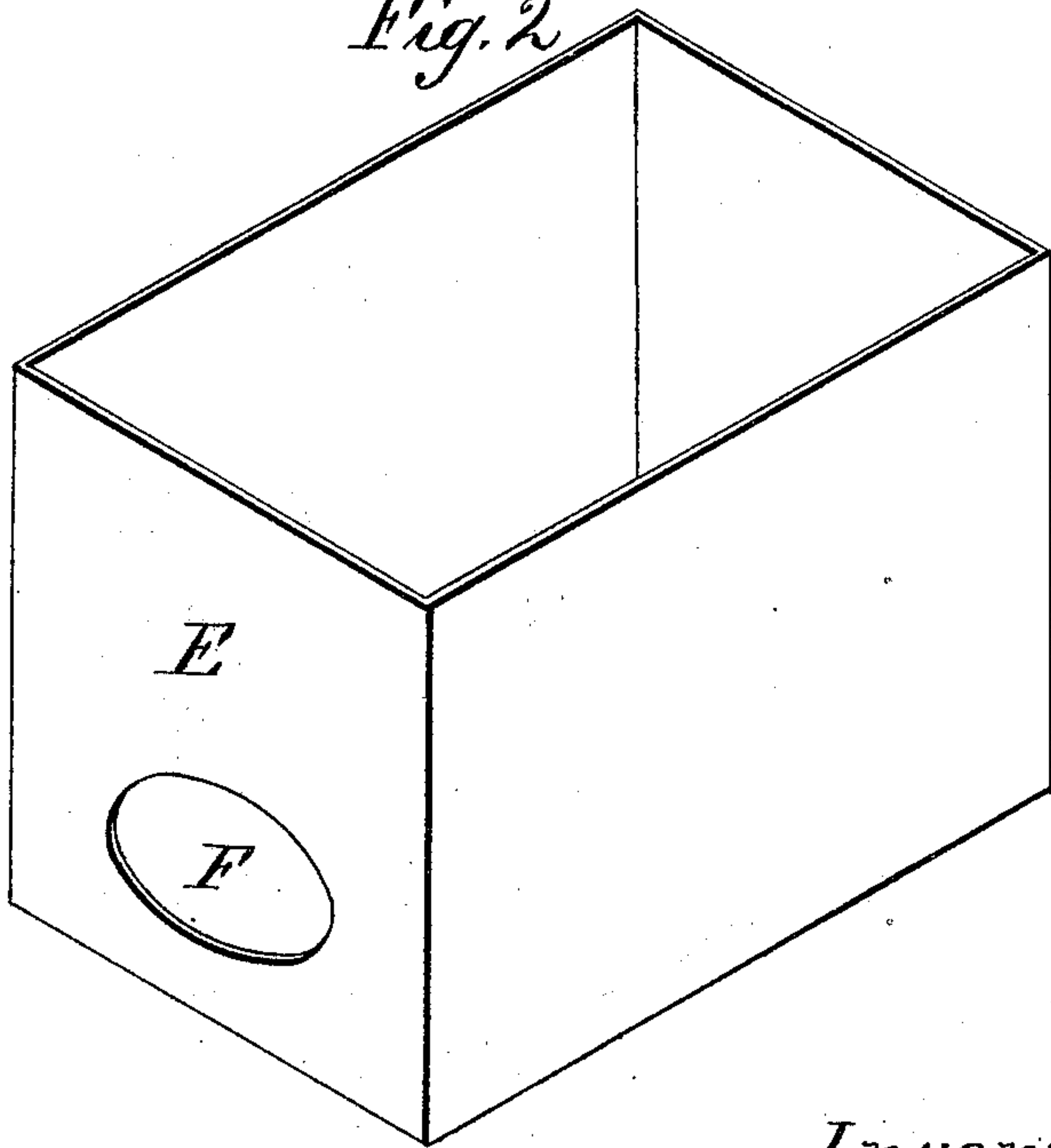


Fig. 2



Witnesses
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JOHN H. GARRIGAN, OF SACRAMENTO, CALIFORNIA, AND FRANCIS L. HALL, OF RENO, NEVADA.

Letters Patent No. 97,290, dated November 30, 1869.

IMPROVEMENT IN FAUCET-ATTACHMENTS TO CANS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that we, JOHN H. GARRIGAN, of the city and county of Sacramento, State of California, and FRANCIS L. HALL, of Reno, Washoe county, Nevada, have invented an Improved Manner of Securing Faucets, Tubes, and Pipes to Cans; and we do hereby declare the following description and accompanying drawings are sufficient to enable any person skilled in the art or science to which it most nearly appertains, to make and use our said invention or improvements, without further invention or experiment.

Our invention relates to an improved manner of attaching faucets, tubes, and pipes to tin or other thin metal cans or vessels from which liquids are to be drawn, and is intended to so bind or secure the faucet, tube, or pipe to the thin metal, that the liquid will not be wasted in drawing it off, while the manner of attachment is such that the can will not be injured in any manner.

In order to more fully illustrate our invention, reference is had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a perspective view of a faucet, arranged with our attaching-device.

Figure 2 is a view of a can prepared to receive the attachment.

The faucet A is of the ordinary construction, having in its stem a female screw.

B is a hollow screw, and has an elliptical or oblong head, C, at its end, of any proper or desired size.

A portion of this head on the inside, or that portion which faces the screw, is cut down, forming an elliptical or oblong projection, D, of smaller size than the head C, thus leaving a vertically-projecting flange, a, entirely around the smaller elliptic D.

E is a tin can or other thin metal vessel, containing liquids, and to which it is desired to attach a faucet-pipe or tube for drawing off the liquid.

In order to attach the faucet-pipe or tube to the can or other vessel, we cut a hole, F, at the desired point of attachment, of the same size and shape as the smaller elliptical projection D.

To insert the head C through the elliptical opening F, it is turned so as to allow the narrowest width of the head to pass through the widest diameter of the opening, until the entire head has been placed on the inside of the can.

The head is then turned until the projecting ellipse

D can be drawn through the opening F, so as to allow the edges of the opening to rest against the vertical flange of the head C.

An elliptical cup-shaped flange, G, is then slipped over the end of the hollow screw B, so that the concave side will pass over the projection D.

The faucet A, or other pipe or tube, is then screwed down upon the hollow screw, until it forces the edges of the flange G against the flange on the head C, and firmly binds the thin edges of the opening F between them.

If desired, some suitable packing can be placed next the flanges, on each side of the tin, and thus, by screwing them well together, a perfectly water-tight joint is formed.

It will not be necessary to remove the hollow screw from the faucet or pipe when it is desired to insert the head C through the opening, but it will only be necessary to unscrew the faucet far enough to prevent its interfering with the operation.

This construction affords a cheap and effective device for attaching faucets, pipes, and tubes to cans, so that the liquid or fluid which they contain can be drawn from them without waste. The can is not injured in the least, as the opening can easily be closed again when desired by soldering a piece of tin over it, the manner of securing the faucet being such that it will not bend or draw the can out of its proper shape.

Instead of turning the faucet, a nut may be used to move the flange G.

Having thus described our invention,

What we claim, and desire to secure by Letters Patent, is—

In combination with a faucet-pipe or other tube, the combination of the hollow-screw B, the oval head C, having an oval projection, D, and the oval, hollowed-out, or concave flange or cap G, substantially as and for the purpose set forth.

In witness whereof, we have hereunto set our hands and seals.

JOHN H. GARRIGAN. [L. S.]

FRANCIS L. HALL. [L. S.]

Witnesses to signature of JOHN H. GARRIGAN:

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Witnesses to signature of FRANCIS L. HALL:

THOMAS P. HAWLEY,

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