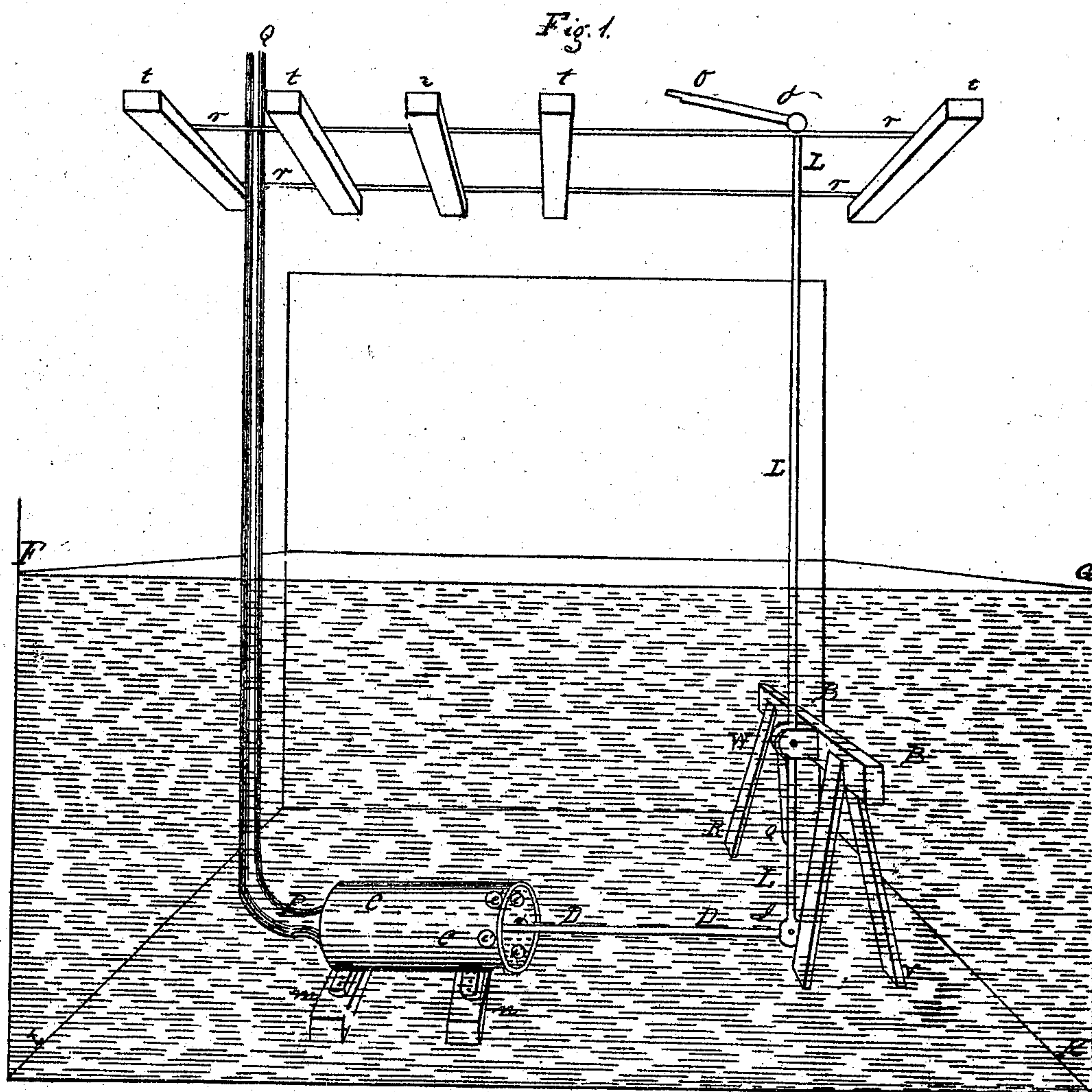
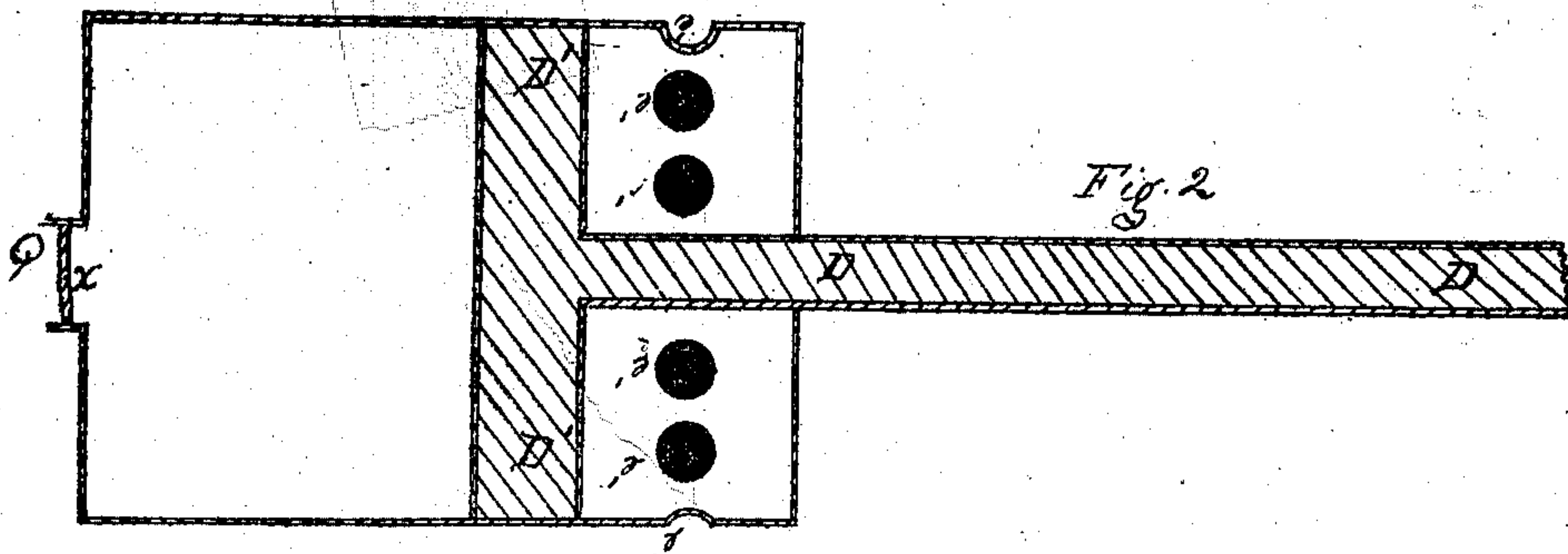


Samuel Love,  
 Supplying R.R. Tanks with Water.  
 N<sup>o</sup> 75,939. Patented Mar. 24. 1868.



Witnesses  
 Charles Werbe  
 Chas. E. Donnellan

Inventor  
 Samuel Love



United States Patent Office.

SAMUEL LOVE, OF INDIANAPOLIS, INDIANA.

Letters Patent No. 75,939, dated March 24, 1868.

IMPROVEMENT IN APPARATUS FOR FILLING RAILROAD-TANKS WITH WATER.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, SAMUEL LOVE, of the city of Indianapolis, county of Marion, and State of Indiana, have invented a new and useful Device for Filling Railroad-Tanks with Water; and I do declare the following to be a full and complete description thereof, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon.

The nature of the invention consists in the construction, arrangement, and use of the device herein described, said device to be made of wood and iron or any other suitable material.

To enable others skilled in the art to make and use my said invention, I proceed to describe it more fully, as follows:

Letters F, G, H, K, of Figure 1 of the accompanying drawings, represent a pool or tank of water under the railroad-truck. In that pool or tank (resting securely on the timbers *m* and *n*) is placed a horizontal pump, represented by C C of said fig. 1, and in section by Figure 2 of the accompanying drawings. The piston of this pump is solid, and provided with an ordinary piston-rod, D D, which is propelled by the lever L L. Said lever L L is fastened to the piston-rod by a convenient joint at I, and rests its fulcrum on the bench B B at W. A pipe, P P, with a valve, *x*, is provided to convey the water upward to the locomotive-tender.

To use the said device, the draw-bar of the locomotive is fastened to the coupling-bar O O at the end of the lever L L, which passes up through the truck far enough for that purpose. Now, by moving the locomotive backward and forward, it will cause the lever L L to oscillate around the fulcrum at W, and as the piston-rod D D and the piston D' D' are attached to the said lever L L, it will cause them to move backwards and forwards in the pump C C, and so force the water into the pipe P. The upper end of the pipe P P may be made flexible, so as to convey the water into the locomotive-tender. When the tender is full, the draw-bar may be uncoupled, and the locomotive released. It is entirely evident that if said pump C C be made large enough, it will only take two or three strokes of the piston to fill the tender.

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

The device herein described, when the same is constructed in its several parts and operated in the way and for the purpose substantially as set forth.

SAMUEL LOVE.

Witnesses:

CHARLES WERBE,  
FERDIANAND HERZSCH.