

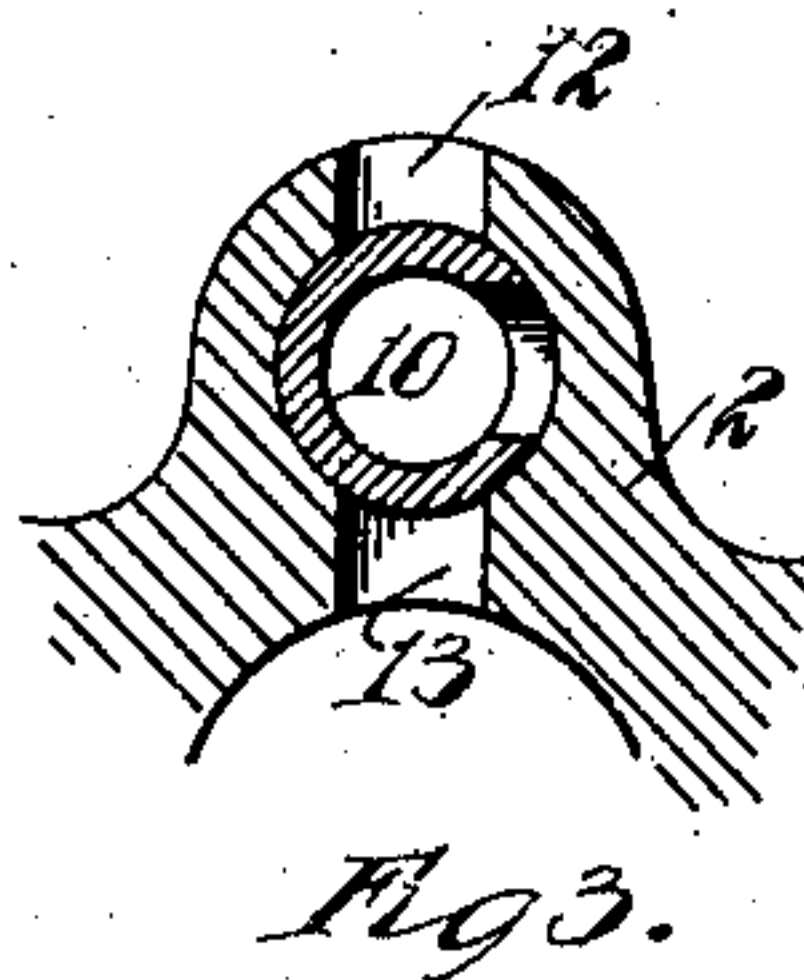
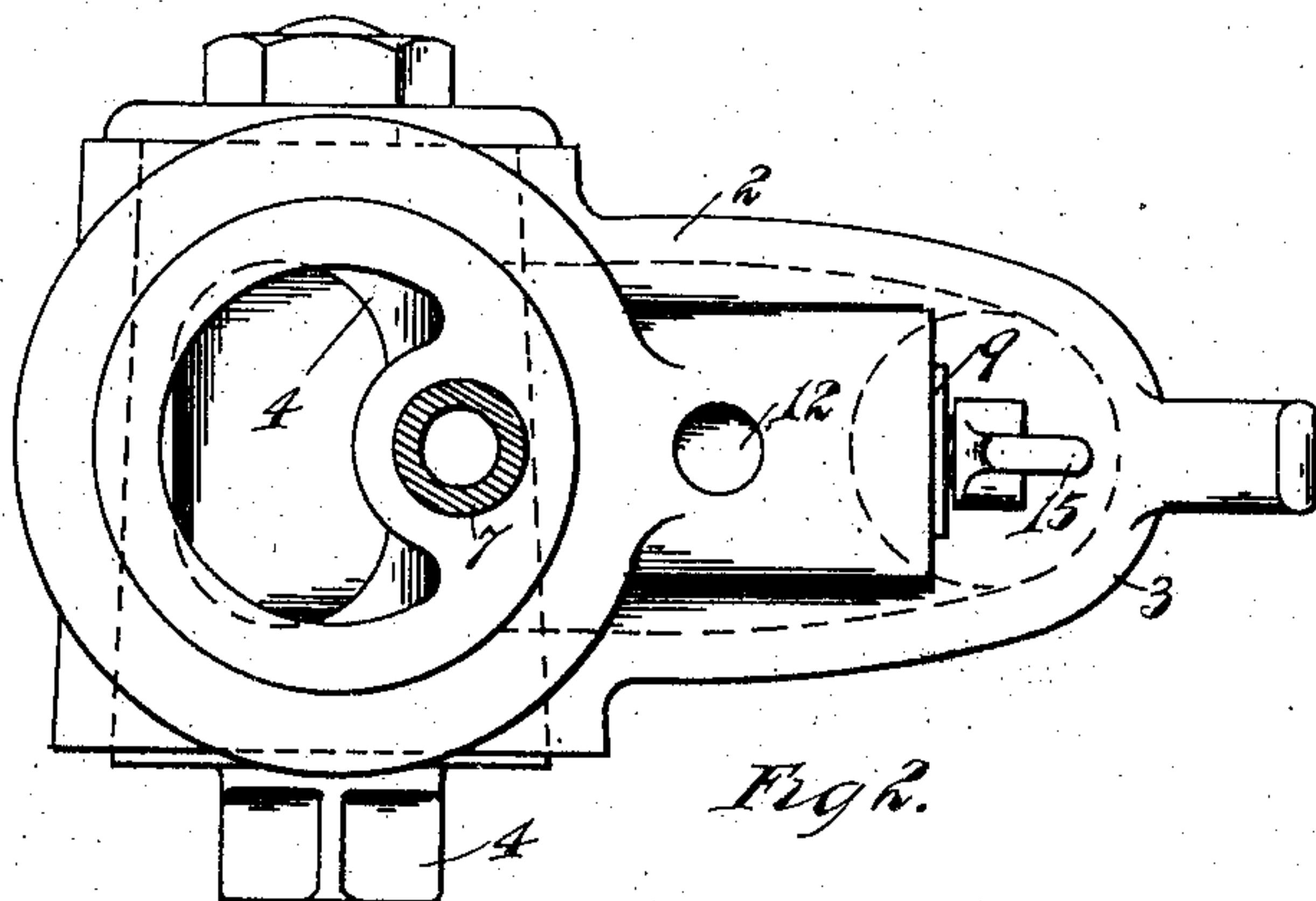
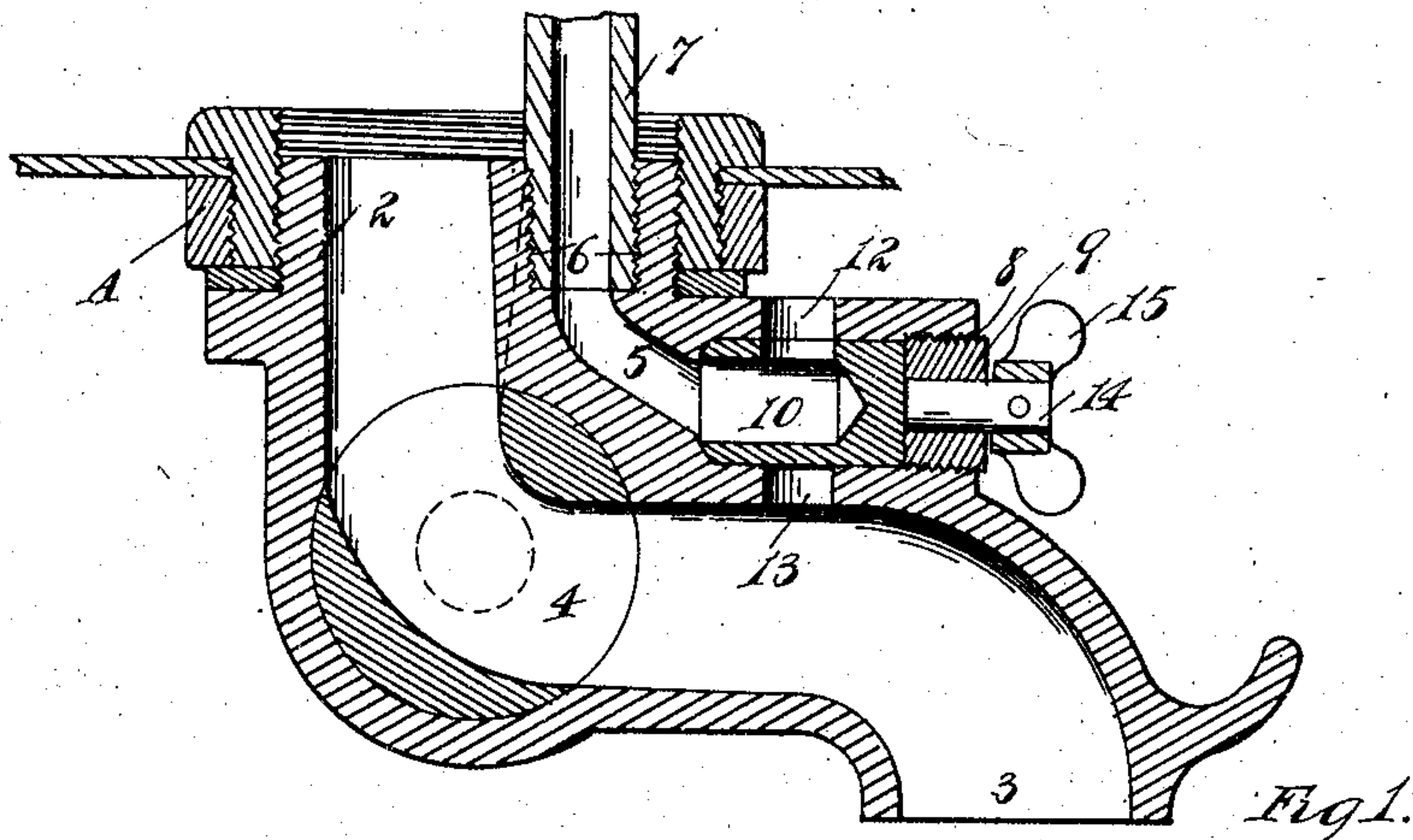
No. 769,099.

PATENTED AUG. 30, 1904.

W. L. MIGGETT.
VENTED FAUCET.

APPLICATION FILED JULY 6, 1903.

NO MODEL.



WITNESSES
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UNITED STATES PATENT OFFICE.

WILLIAM L. MIGGETT, OF ANN ARBOR, MICHIGAN, ASSIGNOR OF ONE-HALF TO DEAN & COMPANY, OF ANN ARBOR, MICHIGAN.

VENTED FAUCET.

SPECIFICATION forming part of Letters Patent No. 769,099, dated August 30, 1904.

Application filed July 6, 1903. Serial No. 164,316. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM L. MIGGETT, a citizen of the United States, residing at Ann Arbor, county of Washtenaw, State of Michigan, have invented a certain new and useful Improvement in Vented Faucets; and I declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to vented faucets, and has for its object an improved vent attachment to be used with that class of faucets which are inserted in the bungs of barrels, especially the bungs of steel barrels.

The object of the invention is to provide a vent passage-way and means of controlling the same so that vent-air may be admitted into the tank with which the faucet is connected or so that the vent-passage itself may be drained into the faucet-outlet or so that the passage may be closed entirely.

In the drawings, Figure 1 is a vertical longitudinal section. Fig. 2 is a plan. Fig. 3 is a cross-section through the vent and a chamber in which the vent-valve is contained.

A indicates the bung of a barrel into which is inserted a faucet-stem 2, from which the faucet-body continues at an angle, terminating with a nozzle 3. The passage through the faucet is controlled by the plug-valve 4.

In the walls of the casting of the body of the faucet is a passage 5, provided at the outlet to the open air and which leads through the body of the faucet and is provided at its inner end with a screw-threaded socket 6, in which is or may be inserted a vent-pipe 7. The passage 5 turns and terminates with a mouth-outlet 8, screw-threaded for the insertion of the packing-plug 9. Behind the screw-threads is a cylindrical chamber, in which there is a valve-body 10, having a chamber within it into which passage 5 opens. From the chamber there is an outlet-passage at the side.

Through the walls of the valve-chamber is a passage 12, which leads upward into the air, and a passage 13, which leads downward into the main passage of the faucet. The valve 10 is provided with a stem 14, that leads through the packing-plug 9, and is provided on its protruding terminal with thumb-wings 15, secured to the stem of the valve. This furnishes a valved passage-way in addition to the main passage through the faucet and provides an opening into which air can enter for ventilating purposes or to supply pressure above the fluid in the tank and from which any fluid that may accidentally have entered the vent-passage can be delivered into the main outlet of the faucet.

The vent-passage may be closed at any time by turning the valve-body 10 to bring its outlet to the side and out of register with the passages 12 and 13.

What I claim is—

1. In a faucet, in combination with the main passage and a valve to regulate the flow there-through, an auxiliary passage opening externally having a branch opening into the main passage, and a valve controlling both said auxiliary passage and its connecting branch, substantially as described.

2. In a faucet, in combination with a main passage and its controlling-valve, an auxiliary passage branching to the air and to the main passage, and a valve controlling both said branching passages, substantially as described.

3. In a faucet, in combination with a main passage and its controlling-valve, a bifurcated auxiliary passage-way opening with one branch to the air and with the other into the main passage, and a valve controlling both branches of said auxiliary passage-way at their point of union.

In testimony whereof I sign this specification in the presence of two witnesses.

WILLIAM L. MIGGETT.

Witnesses:

OTTO S. SCHAIRER,
BIRNEY HINES.