

B. J. PORTER & T. H. BINNINGTON.

WATER COCK OR VALVE.

APPLICATION FILED NOV. 25, 1907.

900,309.

Patented Oct. 6, 1908.

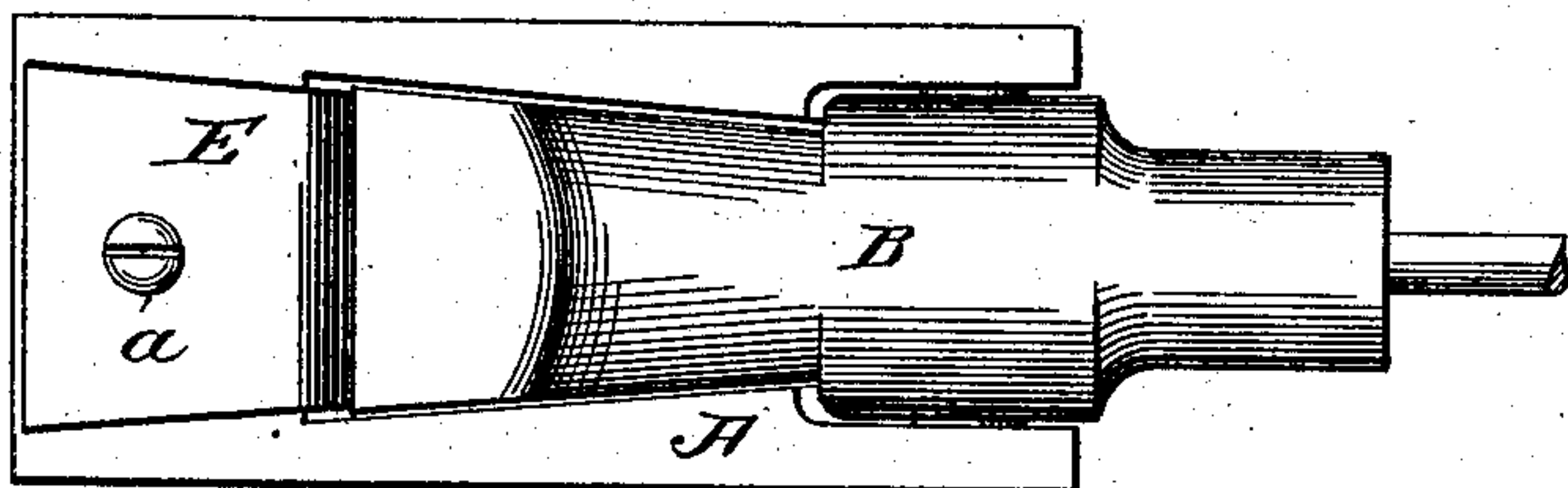


Fig. 1.

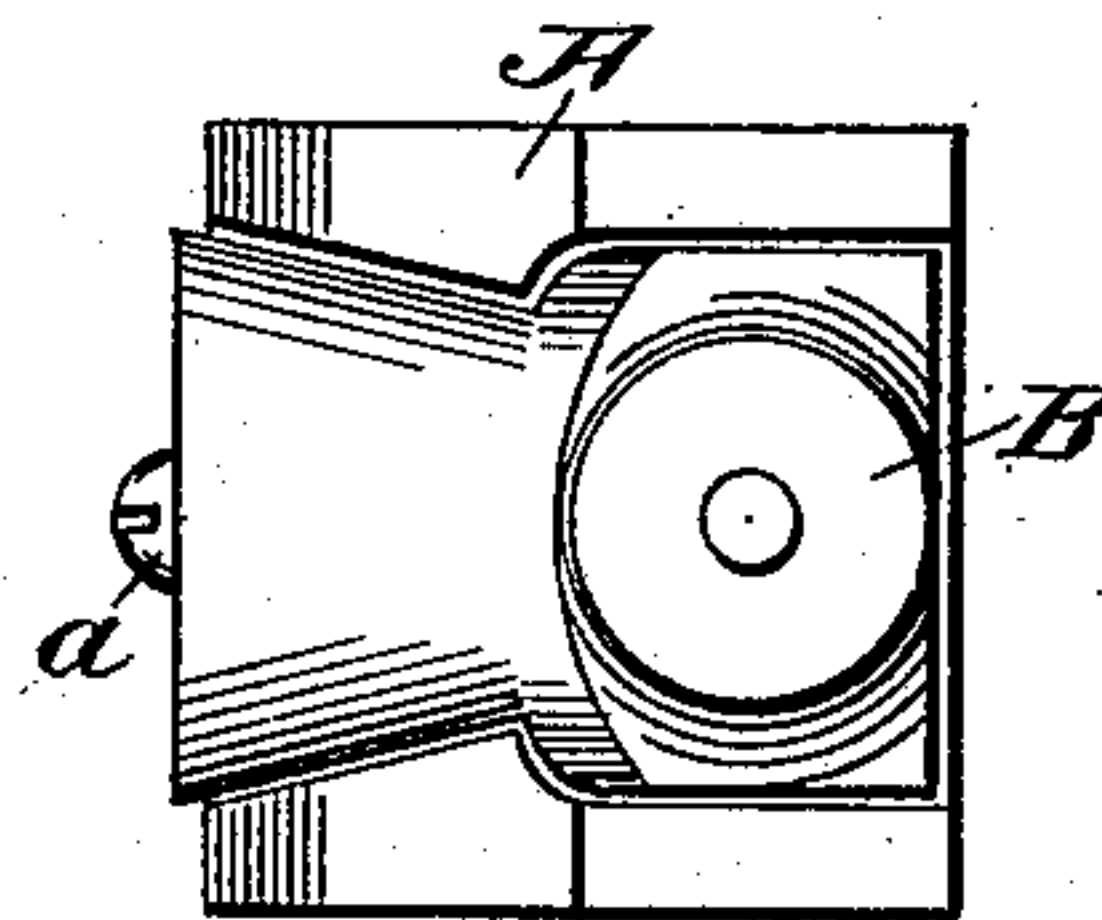


Fig. 5.

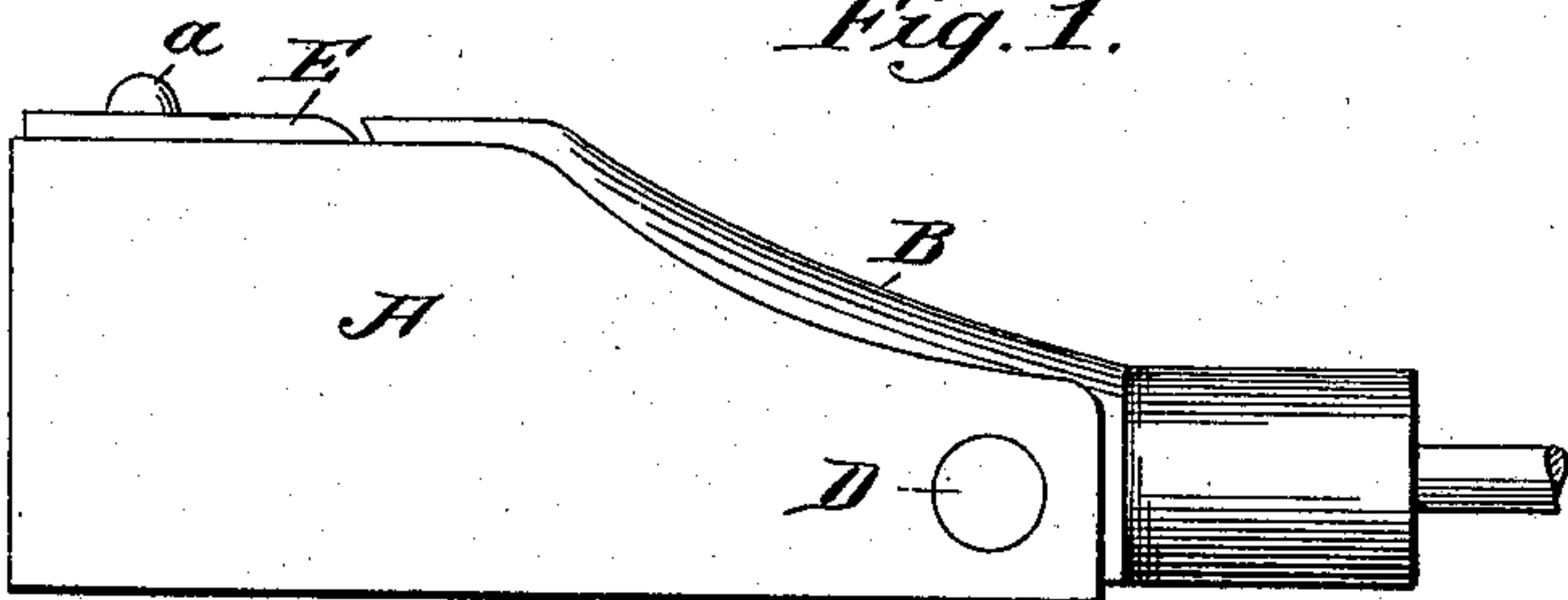


Fig. 2.

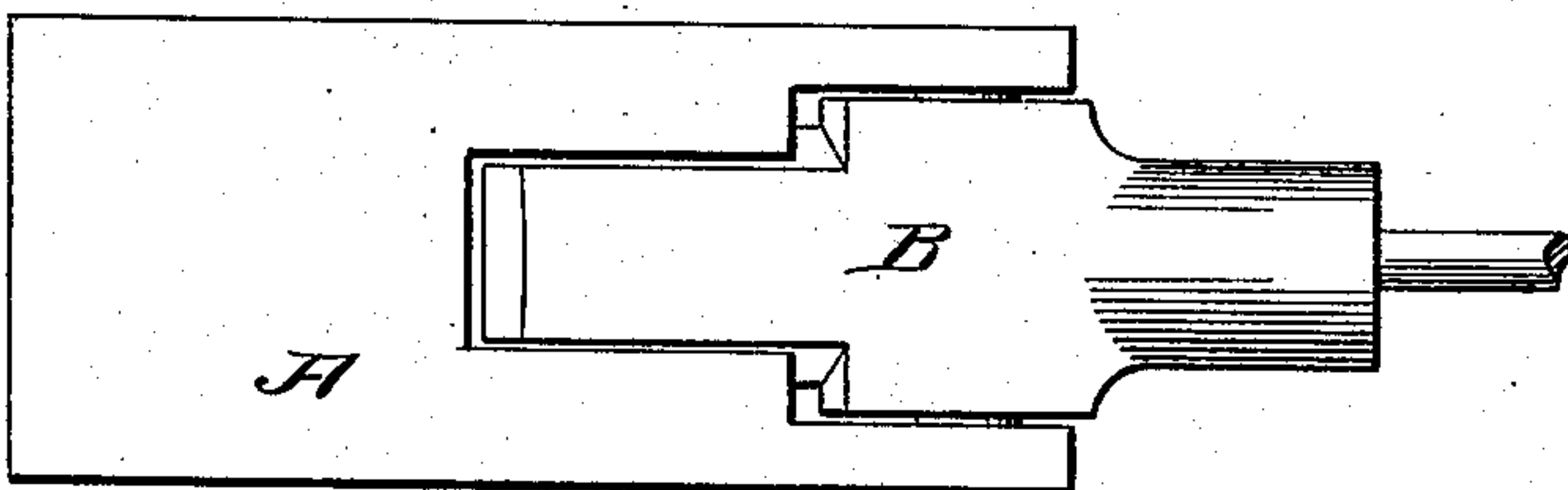


Fig. 3.

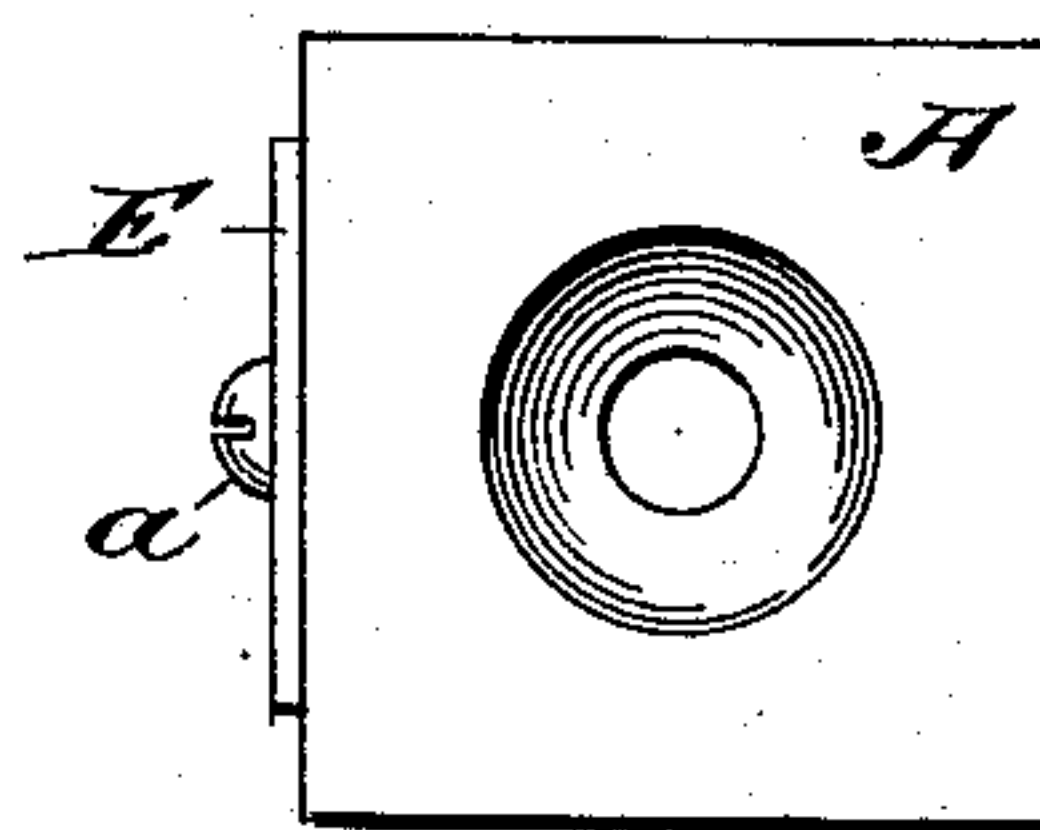


Fig. 6.

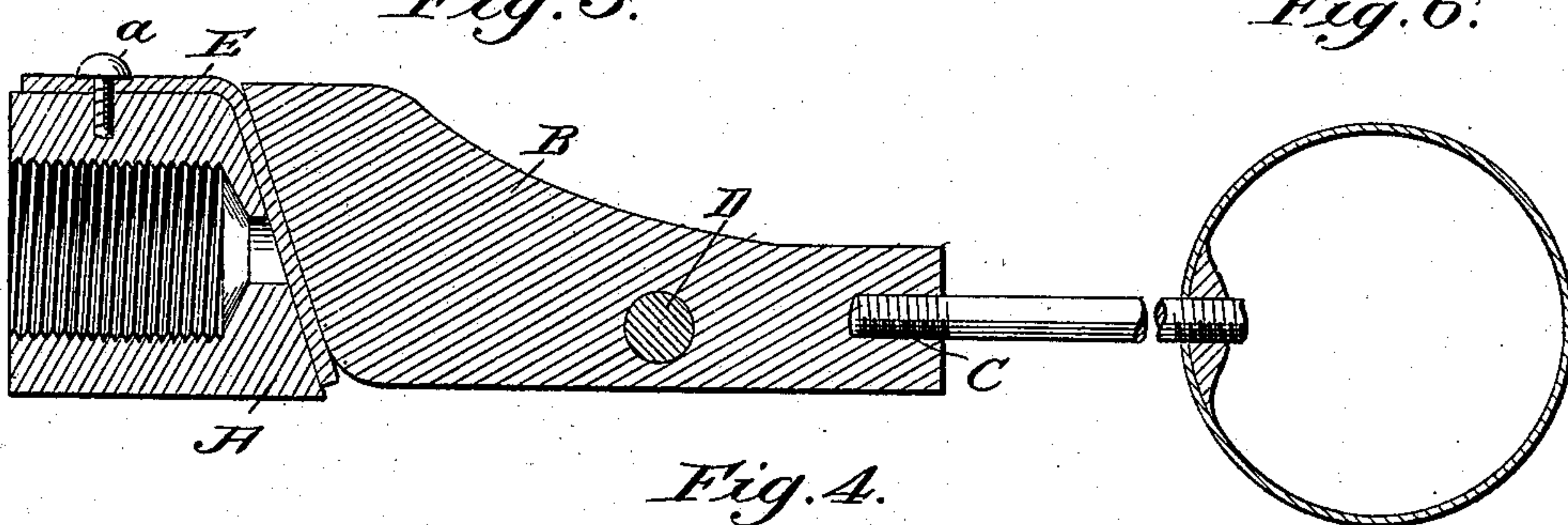


Fig. 4.

Witnesses:
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their Atty

UNITED STATES PATENT OFFICE.

BENJAMIN J. PORTER AND THOMAS H. BINNINGTON, OF SALT LAKE CITY, UTAH.

WATER COCK OR VALVE.

No. 900,309.

Specification of Letters Patent.

Patented Oct. 6, 1908,

Application filed November 25, 1907. Serial No. 403,806.

To all whom it may concern:

Be it known that we, BENJAMIN J. PORTER and THOMAS H. BINNINGTON, citizens of the United States, residing at Salt Lake City, in the county of Salt Lake and State of Utah, have invented certain new and useful Improvements in Water Cocks or Valves, of which the following is a specification.

Our invention relates to improvement in water cocks, and the purpose being to provide a device of this class that is cheap, is readily put in and that will not get out of order. We attain these objects by the invention shown in the accompanying drawings, in which similar letters of reference indicate like parts throughout the several figures.

Figure 1 is a top view. Fig. 2 is a side elevation. Fig. 3 is a bottom view. Fig. 4 is a vertical section. Fig. 5 is a rear end view. Fig. 6 is a front end view.

The device is intended to be used in a water tank or trough and consists of the valve-nipple "A" with an opening therethrough that is threaded within at one end, to receive a water pipe that is inserted through the side of the water tank or trough. The central part of the other end of the valve nipple "A" is cut out at an angle of about 60°, the remaining part, not cut off, extending as jaws far enough to become the bearings for a lever cut-off "B", one end of which is cut or formed at the reverse angle to that on the end of the valve nipple "A", and the other end made to receive one end of the float "C". Through the angled end of the

lever cut-off "B" and at right angles thereto, is inserted the journal pin "D" made to operate in the bearing jaws of the valve nipple "A". On the top of the valve nipple "A" is fastened by a screw *a* the valve "E", made of any suitable material. When the tank is empty the float and the rear end of the cut-off lever B, drop down, and being pivoted at the journal pin "D", the front end raises and releases the valve "E" and allows the water to enter the tank. When the water raises the float on a level with the valve nipple "A", the angled end of the lever cut-off "B" closes the opening in the rear end of the valve nipple "A".

Having thus described our invention we desire to secure by Letters Patent:

The combination of a valve nipple, with an opening therethrough and over one end of which is fitted a flexible valve, the central part of the same being cut away at an angle near 60°, the remaining parts of the end not so cut away being provided with an opening transversely therethrough, within which opening is pivoted one end of a lever cut at an angle opposing the angle at the end of the valve nipple the other end of the lever being provided with a float.

In testimony whereof we affix our signatures in the presence of two witnesses.

BENJAMIN J. PORTER.

THOMAS H. BINNINGTON.

Witnesses:

ADAM A. DUNCAN,
C. M. MELSER.