

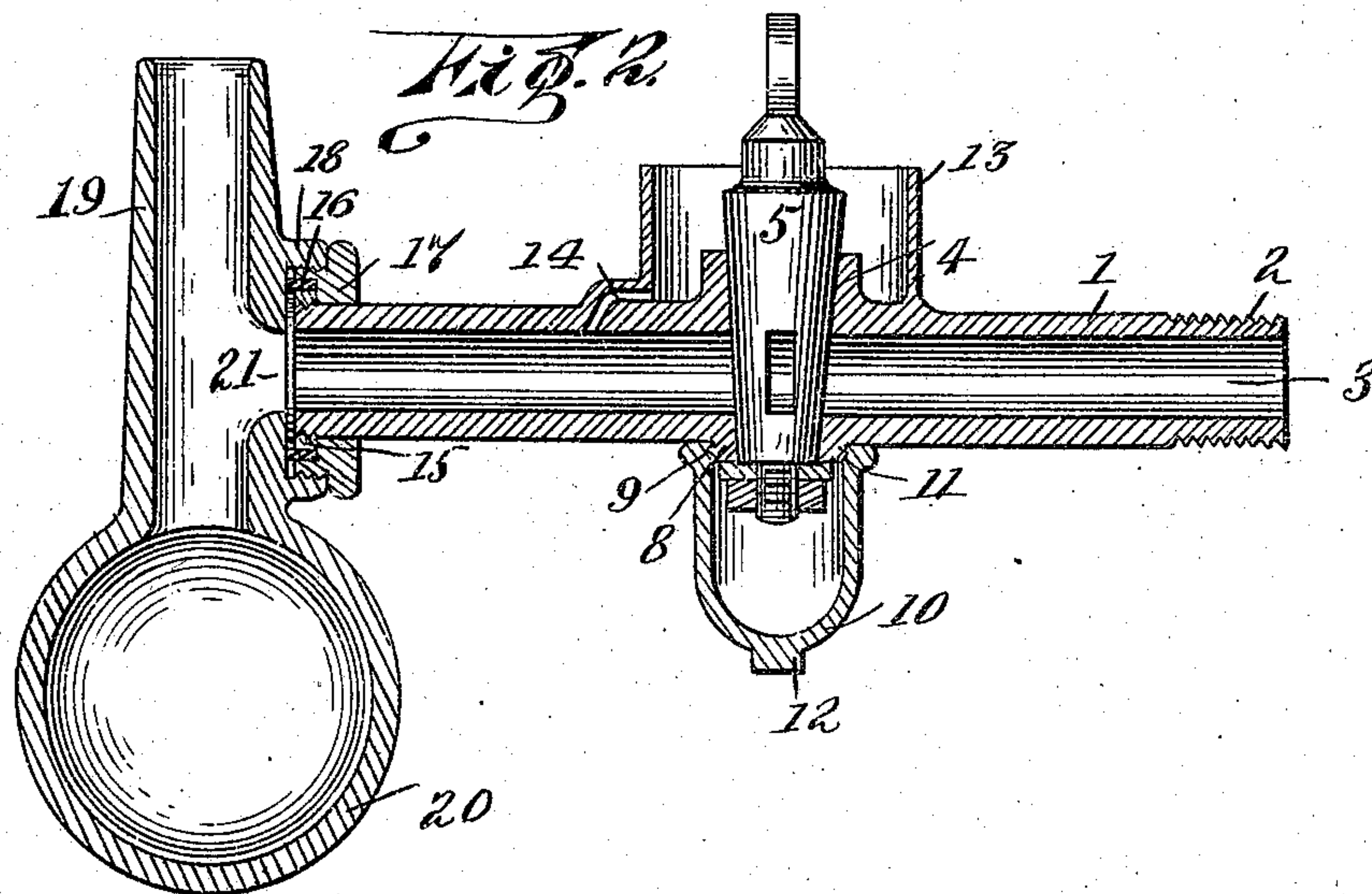
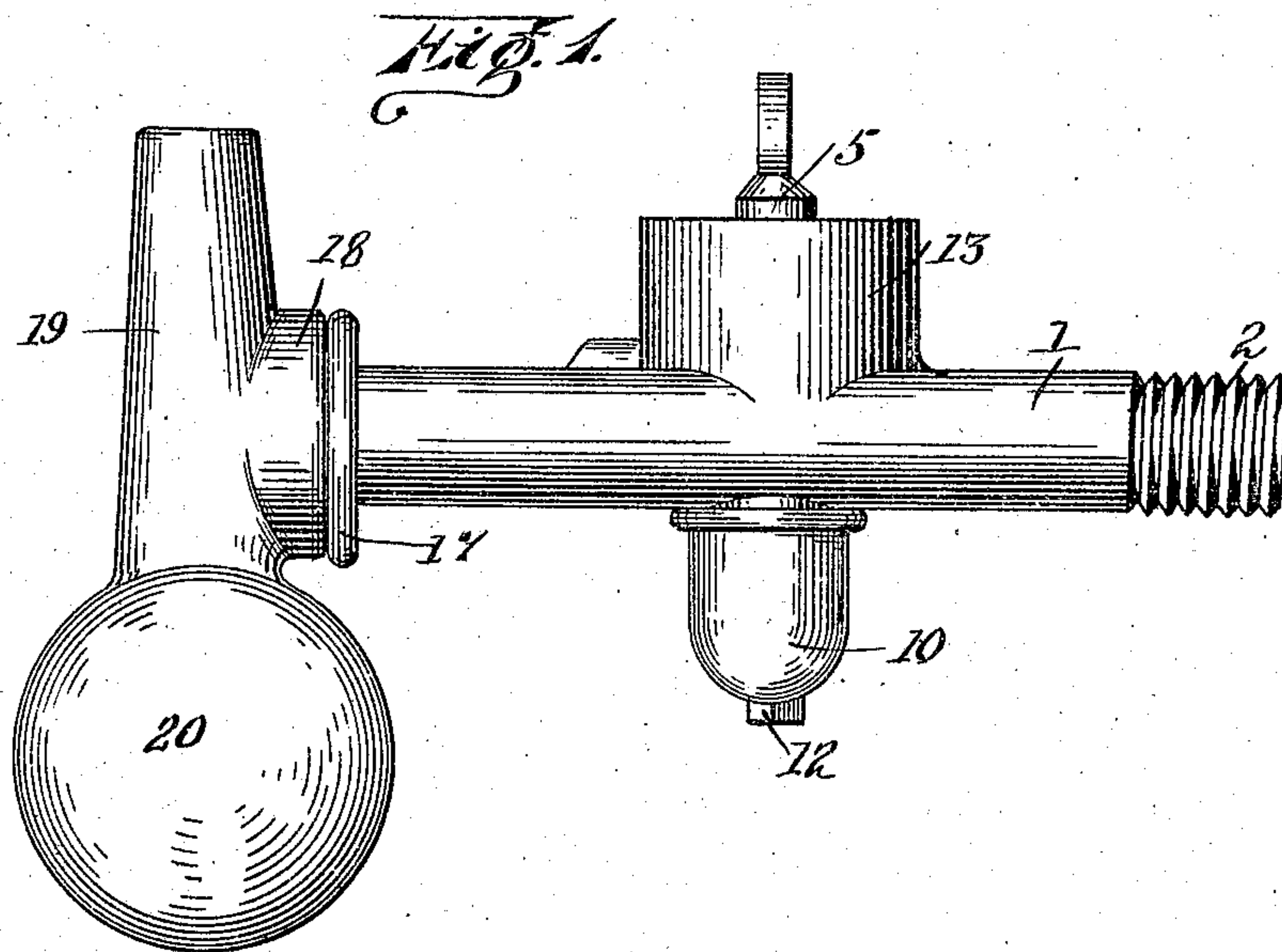
No. 848,088.

PATENTED MAR. 26, 1907.

J. A. DESROSIERS.

FAUCET.

APPLICATION FILED DEC. 26, 1906.



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UNITED STATES PATENT OFFICE.

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FAUCET.

No. 848,088.

Specification of Letters Patent.

Patented March 26, 1907.

Application filed December 26, 1906. Serial No. 349,387.

To all whom it may concern:

Be it known that I, JOSEPH ALBERT DESROSIERS, a subject of the King of Great Britain, residing at the city and district of Montreal, Province of Quebec, Canada, have invented certain new and useful Improvements in Faucets; and I do hereby declare that the following is a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to faucets.

The object of my invention is to prevent the waste of fluid from leaking around the valve of a faucet; and my invention consists of the construction, combination, and arrangement of parts, as herein illustrated, described, and claimed.

In the accompanying drawings, forming part of this application, I have illustrated one form of embodiment of my invention, in which drawings similar reference characters designate corresponding parts, and in which—

Figure 1 is a side elevation, and Fig. 2 is a longitudinal vertical section.

Referring to the drawings, 1 designates the barrel of an ordinary form of faucet, having a screw-threaded inner end 2, a longitudinal bore 3, a transverse vertical tapered bore 4, and a vertically-disposed tapered valve 5, held in place by a washer and a nut, all of which is of ordinary construction.

Formed on one side of the barrel 1 is a boss 8, surrounding one end of the transverse bore 4 and provided with screw-threads 9. A cup 10 is provided with screw-threads 11, disposed in engagement with the screw-threads 9. Leakage around the lower end of the valve 5 is caught by the cup 10, which is also provided with a faced boss 12 on its extreme lower end, so that it may be readily removed or screwed into place.

The opposite side of the barrel 1 to the boss 8 is provided with an integral flange 13, surrounding the upper end of the tapered bore 4, and is provided with a passage 14, connecting with the longitudinal bore 3 of the barrel 1 outside of the valve 5. Leakage around the upper end of the valve is caught by the flange 13 and conducted through the passage 14 into the bore of the barrel 1.

A ring 15 is placed in screw-threaded engagement with the outer end of the barrel 1 and has disposed thereon a packing 16, which is maintained in place by means of the collar 17, rotatably disposed on the outer end of the

barrel 1 and provided with exterior screw-threads.

An annular flange 18 is formed on the spout 19 and disposed in screw-threaded engagement with the collar 17, so that the packing is firmly held against the collar, and at the same time this construction permits the rotation of the spout 19 around the barrel 1.

One end of the spout 19 is closed and formed into an enlarged receptacle 20, said receptacle forming a weighted end to the spout, so that it normally assumes the position shown in the drawing. The leakage conducted into the barrel through the passage 14 and the leakage around the valve 5 within the bore 3 is conducted into the spout 19 through the opening 21 and falls into the receptacle 20.

When it is desired to draw a liquid through the faucet, the spout is rotated to bring its discharge end down, thus permitting the accumulated liquid to pass from the receptacle 20. The valve 5 may then be turned to permit a continuous flow through the bore 3, as may be desired.

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

1. In combination with a faucet having a longitudinal and a transverse bore and having a valve disposed in the transverse bore, means for catching the leakage from one end of the transverse bore, means for catching the leakage from the opposite end of the transverse bore and conducting the same into the longitudinal bore, and means at the end of the longitudinal bore for receiving the leakage.

2. In combination with a faucet having a longitudinal and a transverse bore and having a screw-threaded boss at one end of the transverse bore, and a valve disposed on the transverse bore, an interiorly-screw-threaded cup secured to the boss, means for conducting the leakage from the opposite end of the transverse bore into the longitudinal bore, and means at the end of the longitudinal bore for receiving the leakage.

3. In combination with a faucet having a longitudinal and a transverse bore and having a screw-threaded boss at one end of the transverse bore, an interiorly-screw-threaded cup secured to the boss and provided with an exterior faced boss, means for conducting the leakage from the opposite end of the trans-

verse bore into the longitudinal bore, and means at the end of the longitudinal bore for receiving the leakage.

4. In combination with a faucet having a longitudinal and transverse bore and having a flange around one end of the transverse bore, and having a passage leading from within the flange to the longitudinal bore and having a valve disposed in the transverse bore, means for catching the leakage from the opposite end of the transverse bore, and means at the end of the longitudinal bore for receiving the leakage.

5. In combination with a faucet having a longitudinal and a transverse bore and having a valve disposed in the transverse bore, means for catching the leakage from one end of the transverse bore, means for catching the leakage from the opposite end of the transverse bore and conducting the same into the longitudinal bore, and rotatable means at the end of the longitudinal bore for receiving the leakage.

6. In combination with a faucet having a bore and a valve disposed therethrough, means for conducting the leakage from around the valve into the bore of the faucet and a spout rotatably secured at the end of the faucet and provided with a weighted closed end.

7. In combination with a faucet having a bore and a valve disposed therethrough, means for conducting the leakage from the valve into the bore of the faucet, a screw-threaded ring on the faucet, a packing-ring disposed on the screw-threaded ring, a collar rotatably disposed on the faucet and the packing-ring, and a spout secured to the collar and provided with an expanded receptacle at one end.

In witness whereof I have hereunto set my hand in the presence of two witnesses.

JOSEPH ALBERT DESROSIERS.

Witnesses:

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