W. H. HEIDMANN.

WATER DISTRIBUTER.

APPLICATION FILED MAR. 7, 1911.

1,005,206.

Patented Oct. 10, 1911.

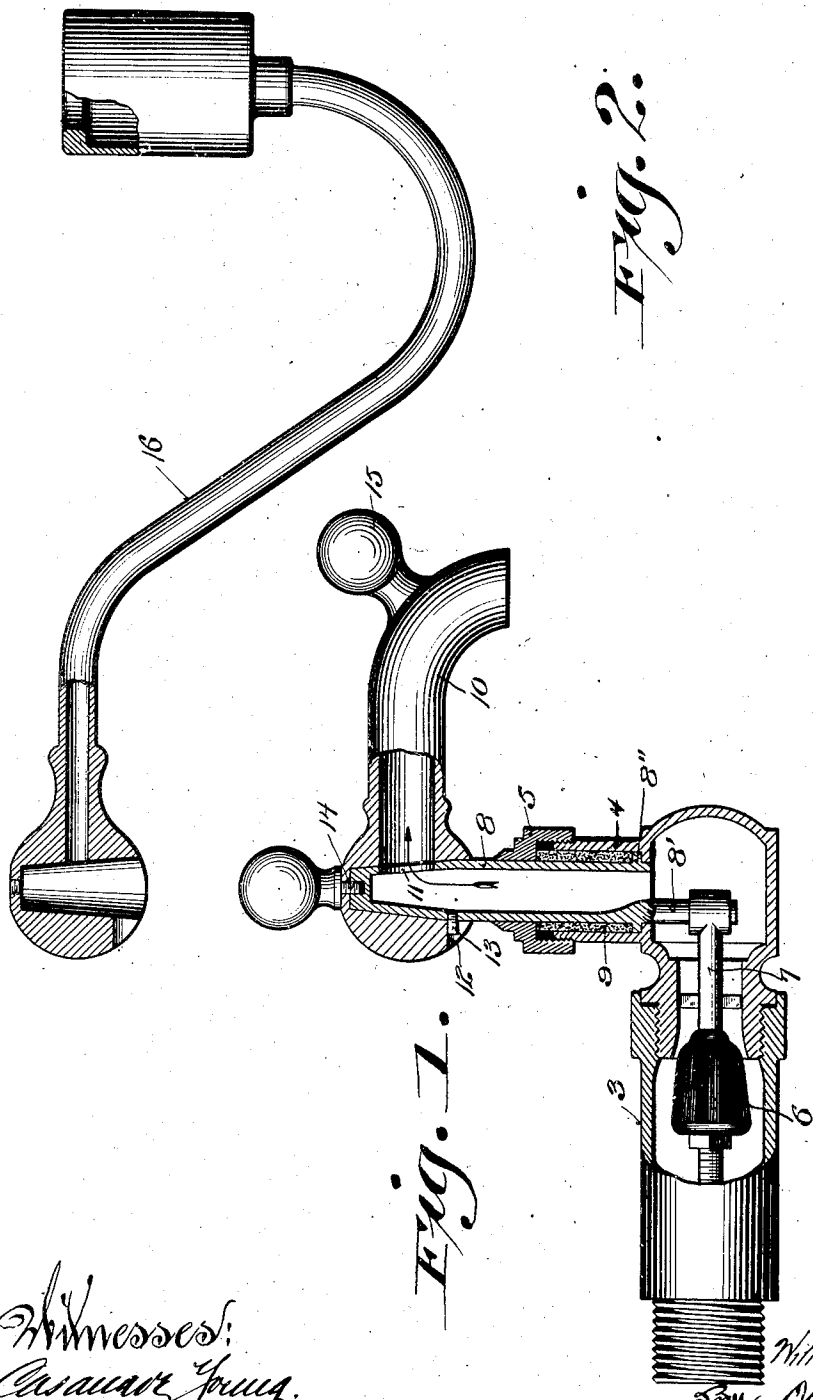


Fig. 2.

Fig. 1.

Witnesses:
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UNITED STATES PATENT OFFICE.

WILLIAM H. HEIDMANN, OF EAU CLAIRE, WISCONSIN.

WATER-DISTRIBUTER.

1,005,206. Specification of Letters Patent. Patented Oct. 10, 1911.

Application filed March 7, 1911. Serial No. 612,885.

To all whom it may concern:

Be it known that I, WILLIAM H. HEIDMANN, a citizen of the United States, and resident of Eau Claire, in the county of Eau Claire and State of Wisconsin, have invented certain new and useful Improvements in Water-Distributers; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention consists in what is herein particularly set forth with reference to the accompanying drawings and pointed out in the claims of this specification, its object being to provide faucets and the like each having a tubular spindle thereof provided with a crank-rod extension below its bore, and with a nozzle rigidly and detachably secured to the spindle for which it serves as a handle for actuating a valve in connection with the crank-rod extension of said spindle, said nozzle being swung to one side to close the faucet or analogous device.

Figure 1 of the drawings represents a partly sectional side elevation of an eccentric-valve bib-type faucet in accordance with my invention, and Fig. 2, a similar view of a bubble-cup attachment that may be substituted for the nozzle of said faucet.

Referring by numerals to the drawings, 3, 4 indicate sections of a valve-casing and spindle-bearing shell of an eccentric-valve faucet or the like, 5 the bearing-shell screw-cap, 6 the valve proper, 7 its stem, 8 the spindle having an eccentric rod extension 8′ constituting a crank below its bore engaging an eye of the valve-stem, and 9 packing for the spindle on a flange-shoulder 8″ of the same. As thus far described the faucet is similar to eccentric-valve faucets of common knowledge, except that the spindle-bearing shell 4 thereof is closed at the forward end instead of having a nozzle terminal below the packing-chamber, and the eccentric-spindle is tubular above the crank-extension 8′ thereof.

The upper end of the spindle 8 is preferably tapered, and in preferably ground-joint union therewith, to be watertight thereon, is a bib nozzle 10, the bore of which nozzle registers with an opening 11 provided in said spindle. To preserve the alinement of the spindle-opening with the nozzle-bore, the fitting-end of the nozzle is provided with a notch 12 engaged by a lug 13 of the spindle, and a clamp-screw 14 extends through said fitting-end of the nozzle into the closed head of said spindle. The head of the screw 14 is preferably a knob, as herein shown, and, a knob 15 is preferably provided on the nozzle 10, as is also herein shown.

While I have shown and described a practical means of detachable, but rigid, watertight connection of the fitting-end of the nozzle or water-outlet device with the upper end of the spindle 8 to serve as a handle for the same, this connection may be variously made without departure from my invention as herein claimed.

In Fig. 1, the faucet is shown with its valve open and its nozzle in position to discharge into a basin or other receptacle. Hence a swing of the nozzle to one side or the other will result in a turning of the tubular spindle 8 to seat said valve, said nozzle being then out of the way.

The bubble-cup attachment 16 shown by Fig. 2, may be substituted for the bib-nozzle in Fig. 1, as the water-outlet device of my improved eccentric-valve water distributer, and various other forms of water outlet devices may be likewise substituted without departure from what is claimed herein.

I claim:

1. A faucet comprising a combined valve-casing and spindle-bearing shell, a valve and its stem, a tubular spindle having an open lower end and a crank-rod extension below its bore engaging an eye of the valve stem, packing for the spindle, means for holding the packing in said bearing-shell, and a nozzle in union with said spindle open thereto.

2. A faucet comprising a combined valve-casing and spindle-bearing shell, a valve and its stem, a tubular spindle having an open lower end and a crank-rod extension

below its bore engaging an eye of the valve stem, packing for the spindle, means for holding the packing in said bearing-shell, and a nozzle in detachable connection with said spindle open thereto.

In testimony that I claim the foregoing I have hereunto set my hand at Eau Claire in the county of Eau Claire and State of Wisconsin in the presence of two witnesses.

WILLIAM H. HEIDMANN.

Witnesses:
J. A. PLAYTER,
J. M. MARK.