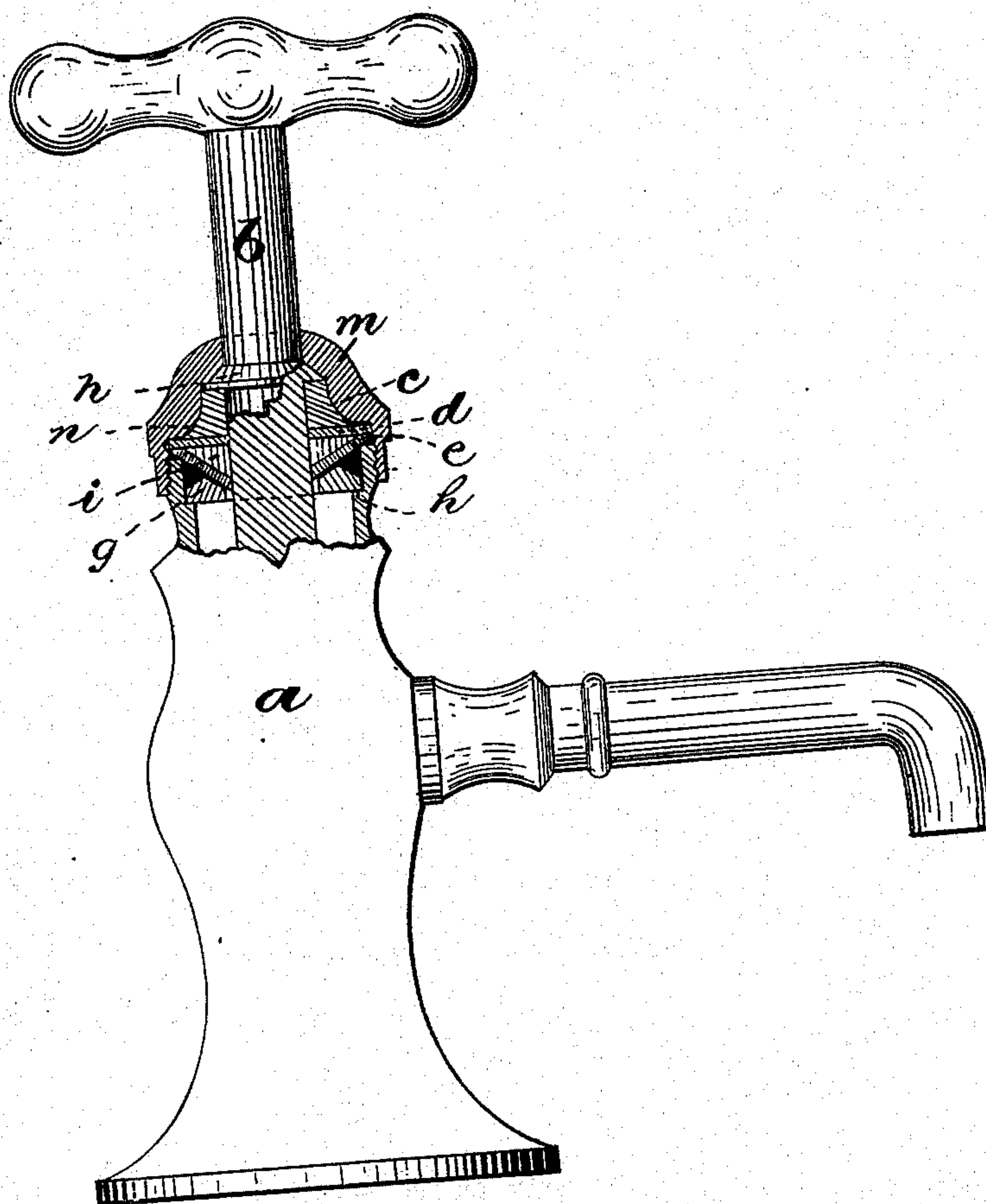


(No Model.)

W. H. HEDGES.
FAUCET.

Patented Nov. 13, 1883.

No. 288,334.



Attest:

Charles H. Rice
J. J. Campbell

Inventor:

William H. Hedges,
by O. Drake, Atty.

UNITED STATES PATENT OFFICE.

WILLIAM H. HEDGES, OF NEWARK, NEW JERSEY.

FAUCET.

SPECIFICATION forming part of Letters Patent No. 288,334, dated November 13, 1883.

Application filed December 26, 1882. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. HEDGES, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Faucets; and I do hereby 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 appertains to make and use the same, reference being had to the accompanying drawing, and to letters of reference marked thereon, which form a part of this specification.

The object of this invention is to more perfectly "pack" a faucet-spindle to prevent leakage; and it consists in the arrangement and combinations of parts, substantially as will be hereinafter set forth, and as will be embodied in the claim.

Referring to the accompanying drawing, which represents my improved device in side elevation, *a* is the faucet-body, *b* the spindle whereby the plunger is screwed down on its seat, and *m* is a cap formed and arranged to be screwed upon said body and allow the spindle a passage therethrough. The under side of said cap is recessed or hollow above the screw-thread to form a stuffing-box, as shown, the walls of the recess being preferably inclined or curved, as shown, to compress the packing around the spindle when the said cap is screwed down.

The spindle *b* is formed with the flange *h*, which bears against the upper wall or head of the recess and prevents an upward movement

of the spindle when the plunger is brought to bear against its seat.

Within the stuffing-box of the cap is arranged the packing *c*, formed of any suitable material, and beneath said packing is placed a washer, *d*, sufficiently broad to lie between the top of the faucet-body and a shoulder, *n*, which forms the lower edge of the recess. Said washer is thus adapted to force the packing into place in said recess or box when the cap is screwed down. Beneath said washer is or may be arranged the packings *e* and *i* and the collar *g*, resting on the shoulder *h*, formed in the faucet-body, which collar holds the packing *e i* closely against the spindle.

The device thus constructed provides a more perfect obstruction to the water without the necessity of forming a box on the top of the cap, as has been done in some cases heretofore.

Having thus described my invention, what I claim, and wish to secure by Letters Patent, is—

The combination, with the faucet-body *a*, spindle *b*, and cap *m*, of an upper packing, *c*, arranged in the cap *m*, and a lower packing, *e i*, the two said packings being separated by the metal washer *d*, all substantially as herein set forth and shown.

In testimony that I claim the foregoing I have hereunto set my hand this 14th day of December, 1882.

WILLIAM H. HEDGES.

Witnesses:

CHARLES H. PELL,
F. F. CAMPBELL.