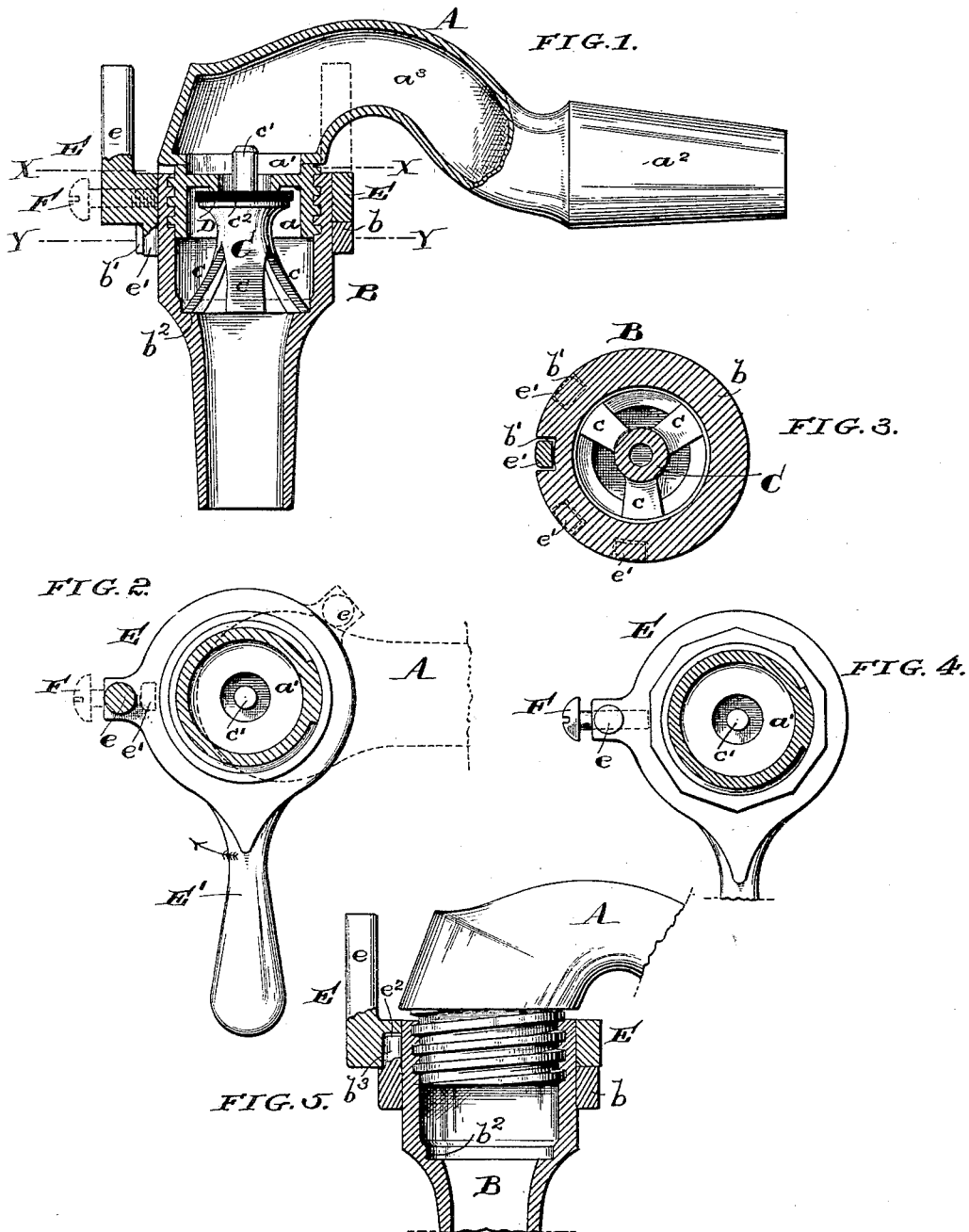


(No Model.)

T. SAVILL.
SPIGOT.

No. 453,668.

Patented June 9, 1891.



WITNESSES:
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UNITED STATES PATENT OFFICE.

THOMAS SAVILL, OF PHILADELPHIA, PENNSYLVANIA.

SPIGOT.

SPECIFICATION forming part of Letters Patent No. 453,668, dated June 9, 1891.

Application filed January 13, 1891. Serial No. 377,634. (No model.)

To all whom it may concern:

Be it known that I, THOMAS SAVILL, a citizen of the United States of America, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Spigots, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to an improved construction of spigots especially adapted to bath-tubs, sinks, &c., in which all the parts are detachable, rendering the valve and working parts easily accessible for cleansing, adjusting, &c.

In the accompanying drawings, Figure 1 is a longitudinal sectional view of my improved spigot, showing the valve in elevation. Fig. 2 is a sectional plan view of the same on the line *x x*, Fig. 1. Fig. 3 is a sectional plan view on the line *Y Y*, Fig. 1. Fig. 4 is a similar view to that shown in Fig. 2, showing a modified form of attaching the handle to the nozzle. Fig. 5 is a detached view, partly in section, showing another form of attaching the handle.

A is a tubular casing provided at its outer end with an enlarged threaded mouth-piece *a* and a valve-seat *a'*, the rear end terminating in a tapered shank *a²*, lying at right angles to the mouth-piece *a*. A portion of the tubular casing A is shaped into a goose-neck bend *a³*, by means of which the water has a continuous even flow through the tubular casing, not being interrupted by acute bends. Adapted to the threaded mouth-piece *a* is a cylindrical nozzle B, provided with a projecting rim *b* on the outer surface notched at *b'* and having the inner recessed portion *b²*, forming a shoulder, upon which rests the valve C. This valve C is preferably made in the form of a tripod, as shown, having three supporting legs or prongs *c*, a valve-stem *c'*, and a circular flange *c²*, upon which rests a washer D of hard rubber or other suitable material.

Resting upon the outer rim *b* of the nozzle B is a ring E, forming part of an operating-handle E', the ring and nozzle being connected together by a pin *e'*, depending from the ring

and adapted to the notch or recess *b'* in the rim *b*. As an additional means of securing the handle to the nozzle, a set-screw F, as shown by dotted lines, Fig. 1, may be employed.

As shown in the drawings, the valve is now raised against its seat *a* and the spigot is in a "shut-off" position. To place the same in a "full-open" position, the handle is turned in the direction of the arrow, Fig. 2, until the stop-pin *e* on the ring E comes into contact with the neck of the casing A, this movement rotating the nozzle B upon the threaded mouth-piece *a*, dropping the nozzle and the valve from its seat.

Various means may be devised for connecting the detachable handle E with the nozzle. For instance, I have illustrated in Fig. 3 a construction in which several pins are employed in connection with a number of recesses in the rim *b*; or, as shown in Fig. 4, rim *b* on the nozzle may be made in the form of a nut, the ring E of the handle being similarly shaped, thus dispensing with the use of the pins *e'*. When this form of connection is used, I prefer to use the set-screw F.

Fig. 5 illustrates another modification, in which a pin *b³* on the nozzle is adapted to a recessed portion *e²* in the handle E'.

The detachable handle enables me to use this spigot on hot-water pipes with satisfaction, as it will not become heated to such a degree as if it formed an integral part thereof. By this construction of the valve, after detaching the same from the nozzle, it will be noticed that the passage-way through the nozzle is then free and uninterrupted, which is desirable for cleansing, &c.

I claim as my invention—

1. In a spigot or faucet, the combination of a tubular neck or casing A, a valve C therein, a nozzle B, provided with an exterior rim *b*, a recess or recesses *b'* therein, with a detachable handle E', and pin or pins *e'* on said handle, substantially as set forth.

2. In a spigot or faucet, the combination of a tubular neck or casing A, having threaded mouth-piece *a*, shank *a²*, valve-seat *a'*, and goose-neck portion *a³*, a nozzle B, having a shoulder *b²*, rim *b*, and notch or notches *b'*, with tripod valve C, having prongs *c*, a seal-

ing-washer D², and stem C', detachable handle E', having a pin or pins e', and stop-pin e, substantially as set forth.

3. In a spigot or faucet, the combination of
5 a tubular neck or casing A, having threaded mouth-piece a, shank a², valve-seat a', and goose-neck portion a³, a nozzle B, having a shoulder b², rim b, and notch or notches b', with tripod valve C, having prongs c, a seal-
10 ing-washer D² thereon, and stem C', detach-

able handle E', having a pin or pins e', stop-pin e, and set-screw F, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

THOMAS SAVILL.

Witnesses:

THEO H. MCCALLA,
E. HOWARD BURKE.