

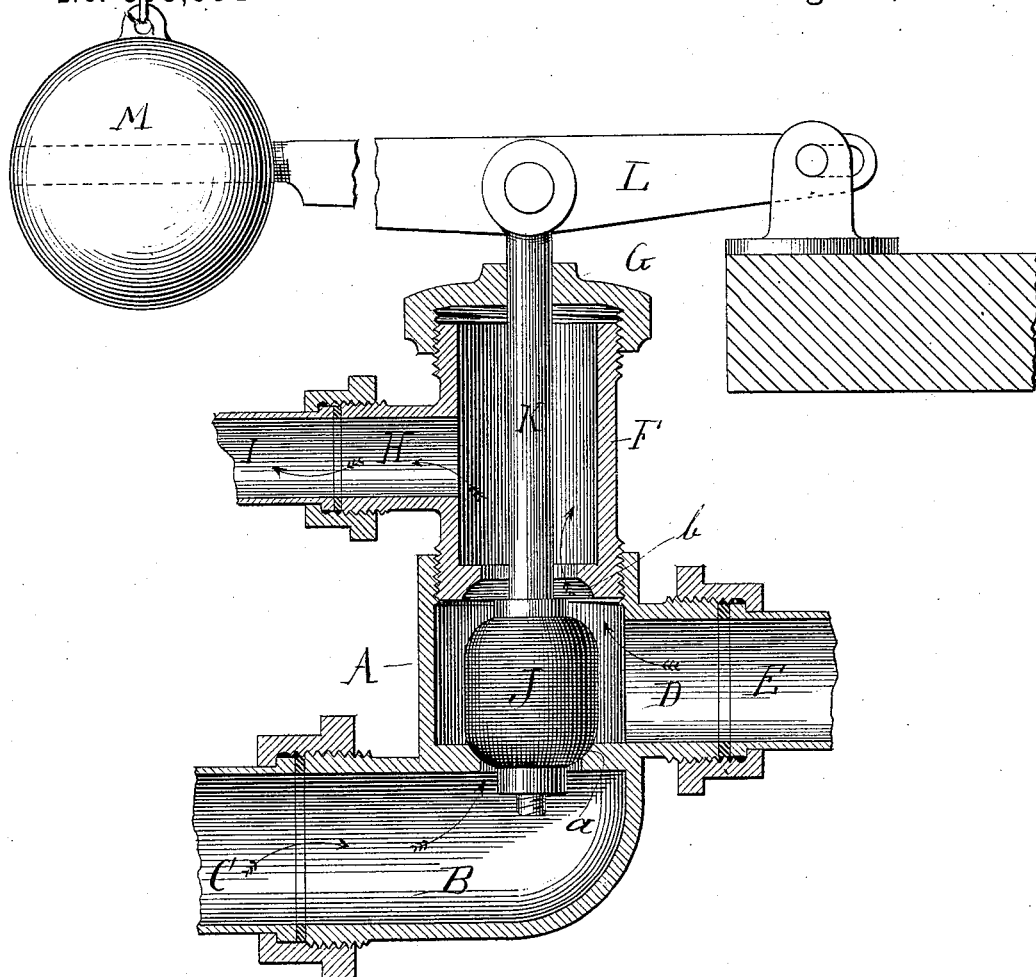
(No Model.)

P. BECKER.

STOP COCK.

No. 303,554.

Patented Aug. 12, 1884.



Witnesses:

Frank Blanchard.

M. J. Bayett

Inventor:

Peter Becker

By *Wm H Lotz*
Attorney.

UNITED STATES PATENT OFFICE.

PETER BECKER, OF CHICAGO, ILLINOIS.

STOP-COCK.

SPECIFICATION forming part of Letters Patent No. 303,554, dated August 12, 1884.

Application filed February 1, 1884. (No model.)

To all whom it may concern:

Be it known that I, PETER BECKER, a citizen of the United States of America, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Stop-Cocks, of which the following is a specification, reference being had therein to the accompanying drawing.

My invention relates to an improved stop-and-waste cock.

The object of the invention is to obtain a cock of the character described which will be effective and certain in its operation, simple in construction, and cheap of first cost; and to that end it consists of the novel devices and combination of devices, as will be described and claimed.

Reference will be made to the accompanying drawing, in which is represented a sectional view of the cock and attachments.

A represents the casing in which the valve is operated. This casing is provided with a screw-threaded nozzle, B, to which the supply-pipe C is attached, and also with a screw-threaded nozzle, D, to which is attached a pipe, E, which leads to the parts to be supplied. At its upper end casing A is entirely open, and is screw-threaded on its inside, to receive a screw-threaded pipe, F, which is closed at its upper end by a cap, G. Pipe F is provided at a suitable point, as shown, with a screw-threaded nozzle, H, to which is attached an exhaust or waste pipe, I.

J represents a valve, preferably of rubber, one seat for which is formed at *a* in the casing A, while another seat, *b*, is formed upon the end of pipe F, these seats being placed in the same vertical plane. Valve J is secured in any suitable way to a rod, K, which passes up through pipe F and through the cap G, which closes the upper end of said pipe. At its up-

per end rod K is secured to a lever, L, which at one end is pivoted, as shown, and at the other is provided with an adjustable weight, M.

The manner of operating and using my invention is as follows: The weight M is first so adjusted on the lever L that when lowered, as shown in drawing, its weight will be sufficient to keep valve J to its seat *a*, in order to shut off the supply. When it is desired to supply the water through pipe E, the weighted lever is raised, and through the connections described the valve J is raised from its seat *a* and carried to seat *b*, whereby all water is forced to pipe E and none allowed to escape. When a sufficient quantity has been obtained, the lever is again lowered to its normal position and the supply shut off. This leaves a communication open between pipes E and F, and the waste takes the course indicated by the arrows and passes off through pipe I.

It will be understood that the casing A may be placed under ground, if desired, the only change required being the lengthening of pipe F and rod K.

By the arrangement of the exhaust-pipe I with respect to pipe E, as described, a trap is formed, which excludes all sewer-gas, owing to a certain amount of water being retained in the casing.

What I claim is—

The combination, with casing A, provided with inlet B and outlet D, and tapered seats *a b*, of rubber valve J, tapered at each end, rod K, lever L, and adjustable weight M, as and for the purpose set forth.

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

PETER BECKER.

Witnesses:

M. J. CLAGETT,
LOUIS NOLTING.