

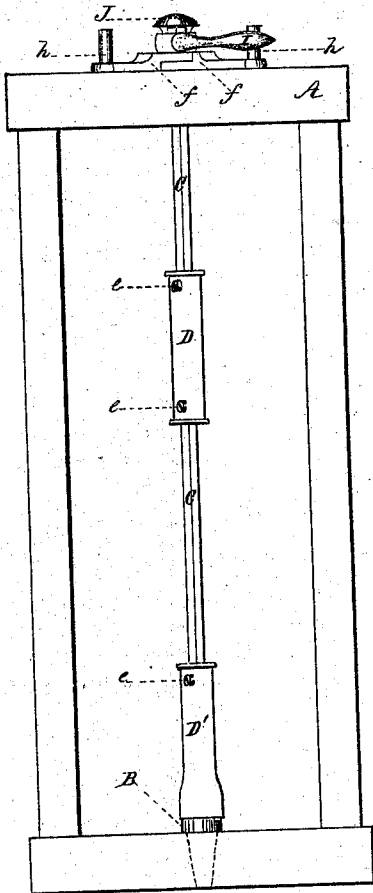
*J.C. Eastman,*

*Hydrant.*

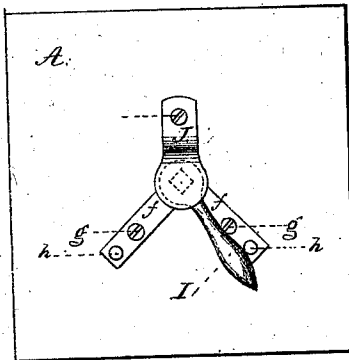
*No. 105,925.*

*Patented Aug. 2. 1870.*

*Fig. 1.*



*Fig. 2.*



*James C. Eastman Inventor.*

*J. P. S. Otterson*

*A. T. Loten*

*Witnesses.*

# United States Patent Office.

JAMES C. EASTMAN, OF NASHUA, NEW HAMPSHIRE.

Letters Patent No. 105,925, dated August 2, 1870.

## IMPROVEMENT IN STOP-PLATES FOR HYDRANTS.

The Schedule referred to in these Letters Patent and making part of the same.

I, JAMES C. EASTMAN, of Nashua, in the county of Hillsborough and State of New Hampshire, have invented certain Improvements in "Wrenches and Stop-Plates," of which the following is a specification.

My invention relates to those wrenches used on water-cocks, placed in the cellar or out of the way of frost, and operated from the floor above, and commonly designated "drain-cocks;" and consists in the combination of an adjustable rod with a handle and adjustable stops, the object of my invention being to secure a wrench that will be easy of adjustment in relation to its length and certain in its operation of the "drain-cock."

Figure 1 is a front elevation of my invention.

Figure 2 is a plan.

A represents a floor, from which it is desirable to operate the "drain-cock" B.

The rod is constructed of two or more square bars of iron, C C, connected by means of the sleeve D and sleeve-socket D', which are secured to the rods or bars C C by means of the set-screws e e e. The sleeve-socket D' fits the square head of the "drain-cock" B.

Above the surface of the floor A are two adjustable

arms, f f, with stop-pins h h, to prevent turning the handle I too far.

The arms f f are secured to the floor, and made stationary in any desired position by means of the screws g g.

To prevent the handle I from being removed, and also to hold the wrench in its place, I make use of the guard J, also secured to the floor by means of a screw.

The simplicity of my invention requires no extended description of its manner of operation.

The square rods C C, sleeve D, and sleeve-socket D', are so arranged as to make it easy of adjustment in the direction of its length, together with the handle I, adjustable arms f f, and stop-pins h h, to prevent opening or closing the cock too far.

I claim as my invention—

The combination of an adjustable rod with the handle I, plates f f, guard J, and stops h h, substantially as and for the purposes hereinbefore set forth.

JAMES C. EASTMAN.

Witnesses:

J. P. S. OTTERSON,

A. T. LATON.