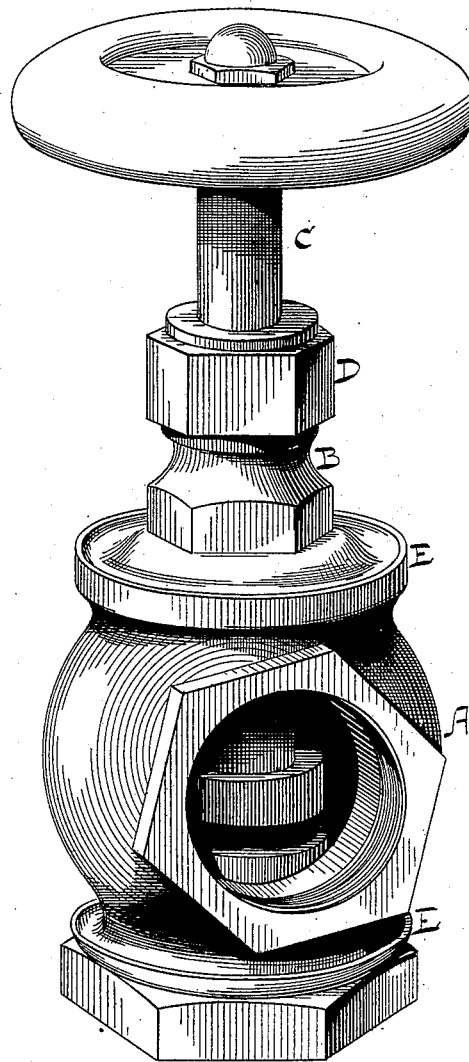


C. C. WALWORTH.  
Steam-Valves.

No. 206,373.

Patented July 23, 1878.



Witnesses:

Clarence Poole  
N. C. Locke

Inventor.

C. C. Walworth

# UNITED STATES PATENT OFFICE.

CALEB C. WALWORTH, OF BOSTON, MASSACHUSETTS.

## IMPROVEMENT IN STEAM-VALVES.

Specification forming part of Letters Patent No. **206,373**, dated July 23, 1878; application filed July 3, 1878.

*To all whom it may concern:*

Be it known that I, CALEB C. WALWORTH, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Steam-Valves, which improvement is fully set forth in the following specification and accompanying drawing.

In the process of heating buildings by steam much inconvenience has been experienced by leakage at the stuffing-boxes of the valve-spindles, carpets, ceilings, &c., becoming saturated with water, and thereby greatly damaged.

The object of my invention is to furnish a convenient and sure method of disposing of this condensed water; and consists of one or more cups or troughs surrounding the valve to catch whatever water may escape at the stuffing-box, and in so locating these cups that the heat from the body of the valve will cause the water thus collected to pass off in steam.

The drawing represents in sectional elevation a steam-valve embodying my invention. A is the body of the valve. B is the stand;

C, the spindle; D, the stuffing-box; E, the evaporating-cups surrounding the body of the valve. There are two of these cups shown. In lieu of these two one may be used, and the location may be around the body of the valve, as shown, or about the stand C; but the body of the valve is preferable, because the heat is more intense at the body than at the stem, and its evaporating power, of course, greater. I make the cups or receivers open, so that the evaporating water may escape freely and without being condensed, as it would be if covered.

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

The combination, in a steam-valve having the body A, stand B, spindle C, and stuffing-box D, of the open evaporating cup or cups E, substantially as shown and described, and for the purpose specified.

C. C. WALWORTH.

Witnesses:

A. S. HARRIS,

E. H. RICE.