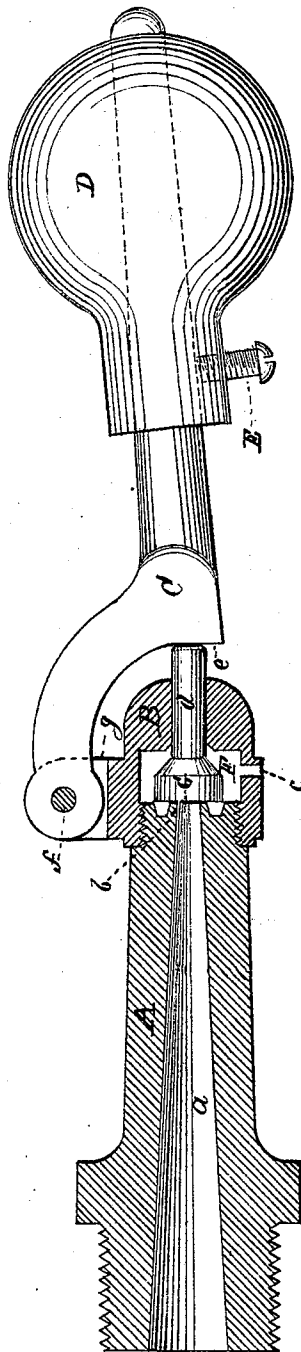


W. H. McMILLAN.  
Weighted Gauge Cock.

No. 124,214.

Patented March 5, 1872.



WITNESSES

*Thomas J. Dewey.*  
*E. Percy Perry*

INVENTOR

*William H. McMillan*  
*By His Attorney.*  
*Stephen W. Stick*

## UNITED STATES PATENT OFFICE.

WILLIAM H. McMILLAN, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO  
MORRIS, TASKER & CO., OF SAME PLACE.

## IMPROVEMENT IN WEIGHTED GAUGE-COCKS.

Specification forming part of Letters Patent No. 124,214, dated March 5, 1872.

Specification describing an Improvement in Weighted Gauge-Cocks, invented by WILLIAM H. McMILLAN, of the city of Philadelphia and State of Pennsylvania.

My invention consists in the combination of a valve and lever, which operates the same, with the valve-seat, the said lever being provided with an adjustable weight, and operating as hereinafter described.

The accompanying drawing represents a vertical longitudinal section through the barrel A and cap-piece B, and a side elevation of the lever C and adjustable weight D in connection.

A is the barrel, B is the cap-piece, C is the lever, and D a weight adjustable thereon by means of the set-screw E. The barrel A has a central diminished bore, *a*, which terminates with the valve-seat *d*. The cap B has a screw-connection with the barrel A, as represented.

F is the valve-chamber in the cap-piece B, and *c* the outlet in one side of the barrel A. G is the valve, whose stem *d* projects through the cap-piece, and is pressed upon by the part *e* of the lever C, which is hung on the joint-pin *f* that passes through the cheeks *g g* of the cap-piece B, the weight D being so adjusted on the lever as to press the valve with sufficient force upon its seat to overcome the pressure of the steam.

I claim as my invention—

The combination of the lever C, provided with an adjustable weight, D, the valve G, separate from the lever, and the valve-seat *b*, substantially in the manner and for the purpose set forth.

WILLIAM H. McMILLAN.

Witnesses:

THOMAS J. BEWLEY,  
THEODORE JULIUS.