

E. J. Gould,

Globe Valve.

No. 98688.

Patented Jan. 11. 1870.

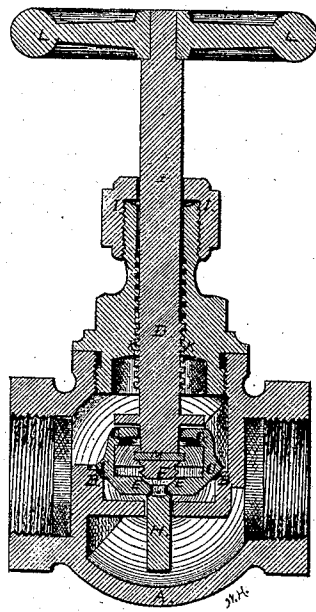


FIG. 1.

WITNESS.

N. Johnson
J. B. Smith

INVENTOR.

E. J. Gould

United States Patent Office.

E. J. GOULD, OF MILWAUKEE, WISCONSIN.

Letters Patent No. 98,688, dated January 11, 1870.

IMPROVEMENT IN GLOBE-VALVES.

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

To all whom it may concern:

Be it known that I, E. J. GOULD, of the city and county of Milwaukee, and State of Wisconsin, have invented a new and useful Improvement in Globe-Valves; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which—

Figure 1 is a sectional view of my invention.

Similar letters of reference indicate corresponding parts.

The object of my invention is to construct a valve so that the pressure of steam on the same shall be taken off when opened, and it shall work easy, and with facility.

A is the outside shell of the valve.

B, the valve-seat.

C, the valve.

D, the valve-stem.

E, the inner valve-seat on the main valve.

F, an inner valve on the valve-stem, either fastened on rigidly or fastened on loosely, so as to accommodate itself to the valve-seat.

G, a bar across the main valve, with a hole in it.

H is a slide from the bottom of the main valve, with holes to let the steam through.

I is the stuffing-box.

K is the screw on the valve-stem.

L is the handle with which to unscrew and screw on the valve.

M, pin through stem D.

Operation.

The steam is put on so that it shall press on the upper side of the valve. When you wish to open the valve, turn the handle L, and the valve F will be raised from the seat E, and the steam will pass through and take off the pressure from the main valve C, and the valve F will strike the bar G and raise the main valve.

Claims.

I claim, as my invention—

1. Valve C, in combination with valve F and stem D, substantially as described.

2. Pin M, attached to stem D for the purpose of raising valve C, taking the pressure of steam off of valve C, substantially as described.

E. J. GOULD.

Witnesses:

J. B. SMITH,

W. M. HORNOR.