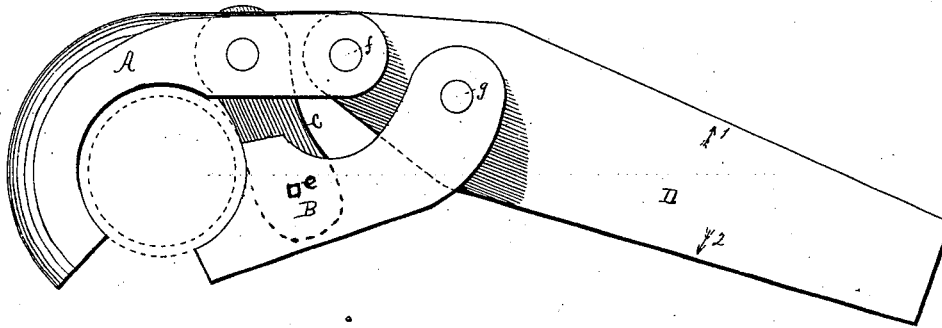


H. BADCOCK.  
Pipe Tongs.

No. 202,089.

Patented April 9, 1878.

*fig 1-*



*fig 2*



Witnesses

*B. L. Johnston,*

*Wm. Pyries*

Inventor

*Henry Badcock*

*By W. C. Johnston,*  
*Attorney*

# UNITED STATES PATENT OFFICE.

HENRY BADCOCK, OF ST. PETERSBURG, PENNSYLVANIA.

## IMPROVEMENT IN PIPE-TONGS.

Specification forming part of Letters Patent No. 202,089, dated April 9, 1878; application filed January 2, 1878.

*To all whom it may concern:*

Be it known that I, HENRY BADCOCK, of St. Petersburg, in the county of Clarion and State of Pennsylvania, have invented a new and useful Improvement in Pipe-Tongs; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention relates to an improvement in pipe-tongs; and consists in the combination of two jaws and a lever, constructed and pivoted together in the manner hereinafter described.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

In the accompanying drawings, which form part of this specification, Figure 1 is a side view of my improvement. Fig. 2 is an edge view of the same.

In the drawings, A represents the hook-jaw; B, the clamping-jaw, from which projects an arm, C, which is fitted in a slot in the jaw A. D represents the operating-lever, which is pivoted at *f* in the jaw A, and at *g* in the

jaw B. The arm C of the jaw B is connected at *e* in the jaw B. The jaws are opened by moving the lever in the direction indicated by the arrow 1, and close upon the pipe by moving the lever D in the direction indicated by the arrow 2.

The contour of the several parts is clearly shown in the accompanying drawings.

The jaws A and B should be made of cast-steel, and may be formed by the casting process, thereby avoiding the cost and labor of forging them. The lever is constructed of wrought-iron.

Pipe-tongs constructed as hereinbefore described will grasp the pipe in proportion to the force applied to the lever D.

Having thus described my improvement, I claim—

A pipe-tongs consisting of the jaws A and B, both pivoted to the lever D, and coupled together by the arm C, which is pivoted to the jaw A, substantially as herein described.

HENRY BADCOCK.

Witnesses:

A. C. JOHNSTON,  
JAMES J. JOHNSTON.