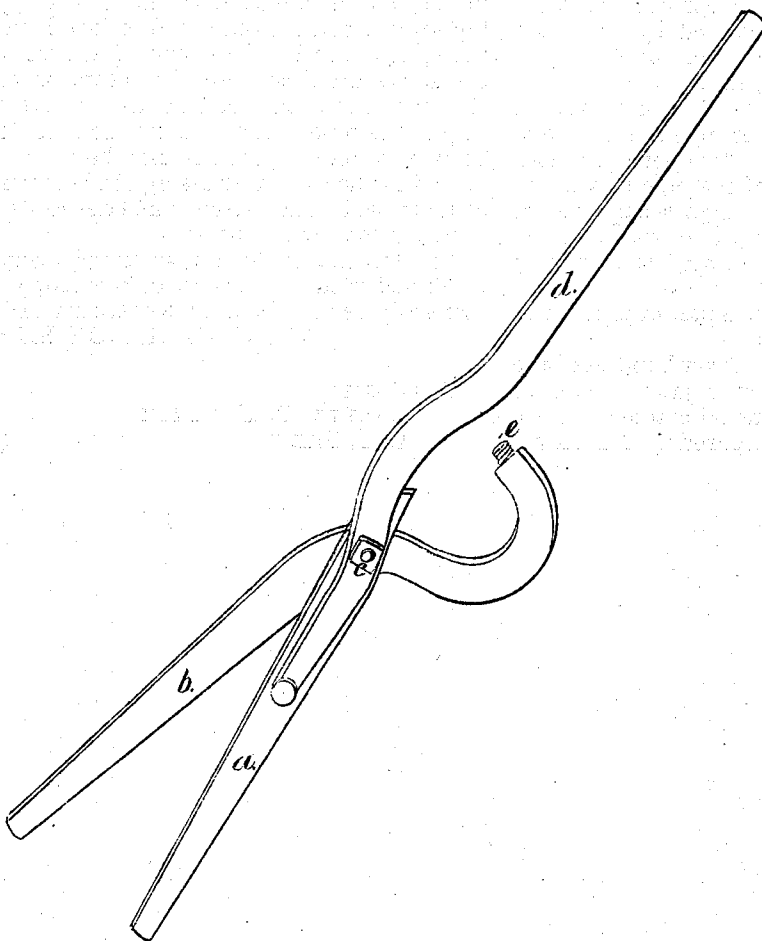


WILLIAM H. DOWNING.

Improvement in Pipe Tongs.

No. 122,308.

Patented Jan. 2, 1872.



E. B. Frew
J. N. Rank

Witnesses.

William H. Downing,
Inventor.
by A. B. Howland,
Attorney.

UNITED STATES PATENT OFFICE.

WILLIAM H. DOWNING, OF SHAMBURG, PENNSYLVANIA, ASSIGNOR OF ONE-HALF HIS RIGHT TO PETER MORRIS, OF SAME PLACE.

IMPROVEMENT IN PIPE-TONGS.

Specification forming part of Letters Patent No. 122,308, dated January 2, 1872.

SPECIFICATION.

Specification describing certain Improvements in Pipe-Tongs, invented by WILLIAM H. DOWNING, of Shamburg, in the county of Venango and State of Pennsylvania.

My invention consists of the combination of a detachable lever with the pipe-tongs in common use, so arranged that two persons standing upon opposite sides of the pipe may apply their strength at the same time, securing more power and greater rapidity and obviating the necessity of frequently renewing the gripe on the pipe.

The drawing represents a pair of pipe-tongs embodying my invention.

a and *b* are the ordinary lever-handles of the tongs, pivoted at *c*, and with jaws formed to embrace the pipe in the usual manner. *d* is a detachable lever-handle secured upon the lever

a, forming a continuation thereof and projecting beyond the jaws, as shown. *e* is an adjusting-screw upon the outer end or jaw of the lever *b*, against which the lever *d* strikes when the tongs are closed, and by means of which the gripe can be regulated so as to prevent injury to the pipe. The lever *d* is so secured, by bolts or otherwise, that it may be readily removed to allow of the dressing of the tongs and of their use by one person, when desirable.

I claim as my invention—

The detachable lever *d*, arranged upon and combined with the lever *a* of the tongs, substantially as and for the purposes set forth.

WILLIAM H. DOWNING.

Witnesses:

ANDREW B. HOWLAND,
E. B. FREW.

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