

G. H. BUZZELL.

PIPE-TONGS.

No. 174,778.

Patented March 14, 1876.

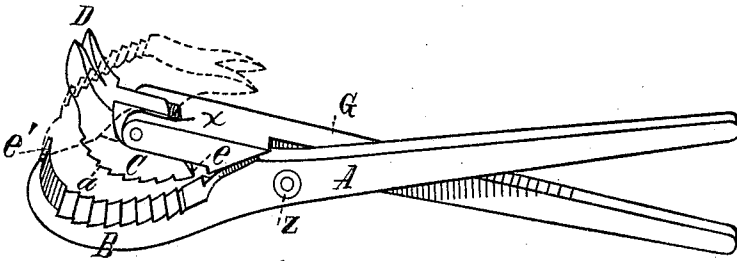


Fig. 1.

Witnesses:

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H. E. Metcalf,

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Atty.

UNITED STATES PATENT OFFICE.

GEORGE H. BUZZELL, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN PIPE-TONGS.

Specification forming part of Letters Patent No. 174,778, dated March 14, 1876; application filed February 7, 1876.

To all whom it may concern:

Be it known that I, GEORGE H. BUZZELL, of Boston, in the county of Suffolk, State of Massachusetts, have invented a certain new and useful Improvement in Pipe-Tongs, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which my invention appertains to make and use the same, reference being had to the accompanying drawing, forming a part of this specification, in which—

Figure 1 is an isometrical perspective view.

My invention relates, principally, to that class of pipe-tongs which are employed by gas fitters, plumbers, &c.; and consists in a novel construction and arrangement of the parts, as hereinafter more fully set forth and claimed, by which a more effective device of this character is produced than is now in ordinary use.

The nature and operation of my invention will be readily obvious to all conversant with such matters from the following description.

In the drawing, A represents the main handle or lever of the tongs, which is provided with the usual inwardly-curved serrated jaw B, and with a cutting-edge, *e'*. Pivoted at *z* to the handle A there is an auxiliary handle or lever, G. This handle has its short or inner arm slotted at *x*, and pivoted to work in this slot there is a tumbling jaw, C, one end of which is provided with the cutting-edge *e*, corresponding with the edge *e'*, the other end

being bifurcated or formed into a claw, as seen at D. The jaw C is also convex upon one side, its convexity corresponding with the concavity of the jaw B, and is provided with a series of teeth, *a*.

In the use of my improved implement as a pipe-tongs, the jaw C should be adjusted as shown in the drawing; but when used as cutting pliers or nippers, the tumbling jaw should be thrown back, as indicated by the dotted lines. In using the claw D for drawing nails, &c., the jaw C may be arranged as shown by the dotted lines or otherwise, according to circumstances.

It will be obvious that the edges *e e'* may not be sharpened or formed into cutting edges unless preferred, but may be used as ordinary nippers or pliers without departing from the spirit of my invention; which having thus explained,

What I claim is—

The improved pipe-tongs described, consisting of the handle A, provided with the serrated jaw B and edge *e'*, and the handle G, provided with the tumbling jaw C, having the cutting-edge *e*, claw D, and teeth *a*, all constructed and combined to operate substantially as and for the purpose set forth and specified.

GEORGE H. BUZZELL.

Witnesses:

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