

A. B. LIPSEY.

Improvement in Pipe-Tongs.

No. 131,357.

Patented Sep. 17, 1872.

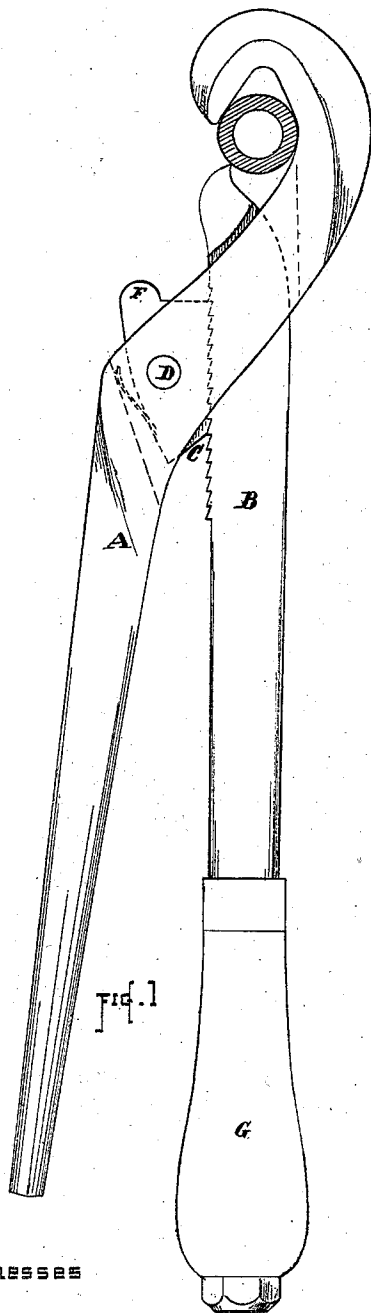


Fig. 1

Witnesses

Wm. C. Linn
Robert S. Dugley

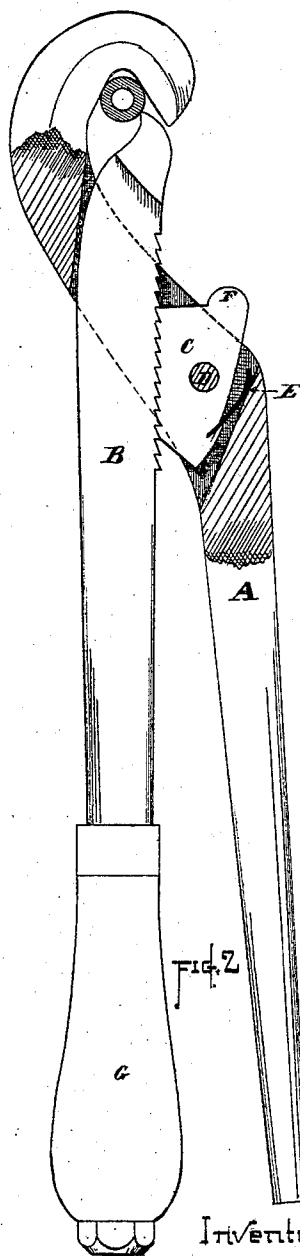


Fig. 2

Inventor

Andrew B. Lipsey

UNITED STATES PATENT OFFICE.

ANDREW B. LIPSEY, OF WEST HOBOKEN, NEW JERSEY.

IMPROVEMENT IN PIPE-TONGS.

Specification forming part of Letters Patent No. **131,357**, dated September 17, 1872; antedated September 12, 1872.

To all whom it may concern:

Be it known that I, ANDREW B. LIPSEY, of West Hoboken, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Pipe-Tongs, the same being an improvement in the pipe-tongs for which Letters Patent were granted to me on the 15th day of August, A. D. 1865, No. 49,424; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing which forms a part of this specification, and in which—

Figure 1 represents a side view of my improved pipe-tongs, and Fig. 2 represents a sectional view of the same.

The nature of my invention consists in the combination, with the slotted hooked bar or lever, of a serrated pivoted fulcrum-piece for engaging and supporting the serrated straight bar or lever, as hereinafter described.

In the drawing, the part marked A represents the hooked bar or lever, and B indicates the straight bar or lever, the latter being arranged, through a slot formed in the lever A, to produce the proper leverage upon each other. The back of the bar B is notched or serrated in the manner shown, and a serrated fulcrum-piece, C, is pivoted in the slotted bar A by the pin D, upon which the bar B receives its support when the tongs are in operation. The fulcrum-piece C may be provided with a spring, E, to aid in retaining its serrated edge in proper position to engage the serrations on the bar B, and the upper end of the piece C is rounded off to form a thumb-piece, F, by means

of which the fulcrum-piece can be conveniently moved in either direction when desired. The notches or serrations on the piece C and lever B are of corresponding size, and when the tongs are open the lever B can be moved within the slot and adjusted so that the tongs will fit on to different sizes of pipe, and, the fulcrum-piece C being pivoted, allows the full length of its serrated surface to come into contact with the serrated surface of the lever or bar B, at whatever position it may be adjusted, so that the teeth or serrations on the parts will at all times have a firm bearing on each other and be subjected to an equal strain and wear, thus greatly adding to the strength and durability of the tongs, and at the same time, in a great degree, perfecting their operation. The bar or lever B may be provided with a wood handle, G, as shown, or it may be made plain like the bar A, as desired.

Having described my improvement in pipe-tongs, what I claim therein as new and of my invention, and desire to secure by Letters Patent, is—

1. The combination, with the slotted lever or bar A and serrated lever or bar B, of the serrated fulcrum-piece C pivoted to the bar A, substantially as and for the purpose set forth.

2. The serrated fulcrum-piece C, provided with a projecting thumb-piece F, substantially as shown and described.

ANDREW B. LIPSEY.

Witnesses:

WM. E. SIMON,
ROBERT I. QUIGLEY.