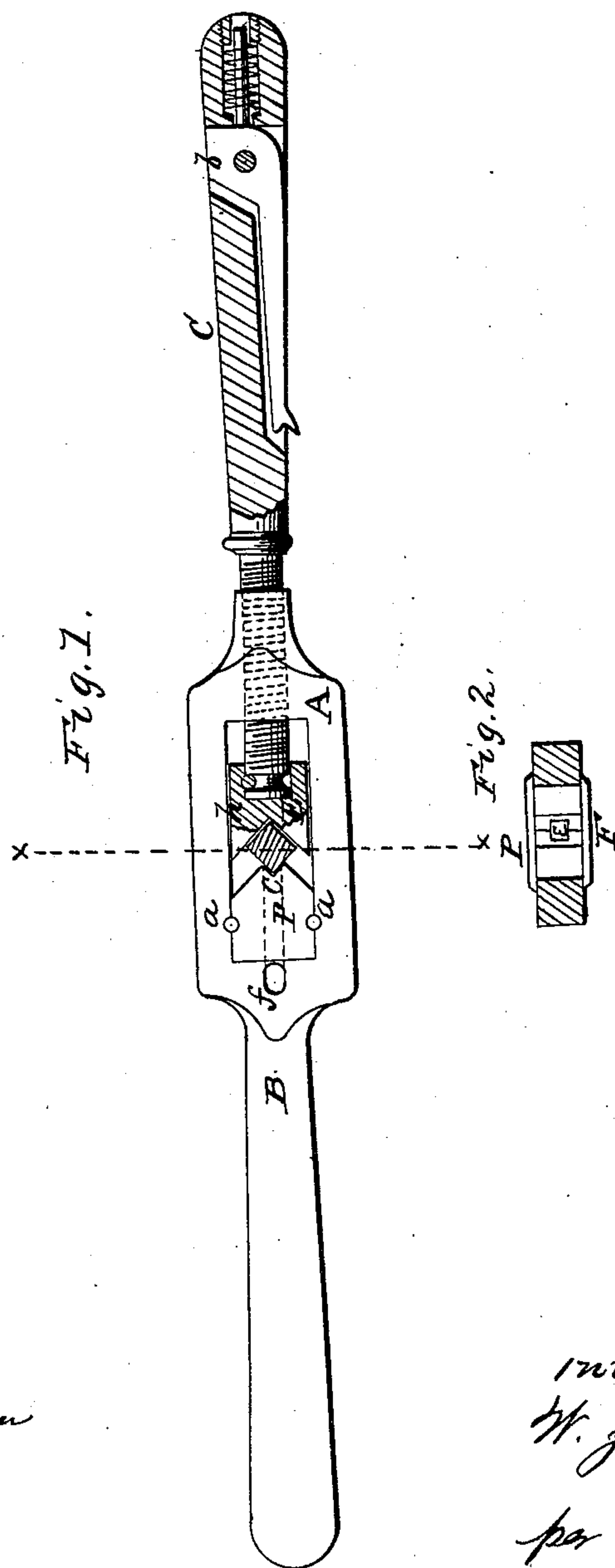


*W. J. Linton,*

*Wrench.*

*N<sup>o</sup> 81,182.*

*Patented Aug. 18, 1868.*



*Witnesses*  
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# United States Patent Office.

WILLIAM J. LINTON, OF DETROIT, MICHIGAN.

*Letters Patent No. 81,182, dated August 18, 1868.*

## IMPROVEMENT IN TOOL-HOLDER.

*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, WILLIAM J. LINTON, of Detroit, in the county of Wayne, and State of Michigan, have invented a new and improved Tool-Holder; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming a part of this specification.

The object of this invention is to provide an improved holder for tools, such as screws, taps, augers, and other similar tools.

It consists in a holder, having a rectangular slot through a flattened central portion, in which are arranged two clamping-jaws, one stationary and one movable, and provided with two handles, one of which screws into the said flattened central portion, for adjusting the movable jaw, in a manner similar to the construction of die-plates for cutting screws. The handle that is used for screwing up the movable jaw is provided with a spring-lever, which shuts into a recess in the handle, and which may be swung out, to facilitate the turning of the said handle when screwing up the said movable jaw.

On reference to the accompanying drawings—

Figure 1 represents a side view of my improved tool-holder, partly in section, and

Figure 2 represents a cross-section on the line *xx* of fig. 1.

Similar letters of reference indicate corresponding parts.

A represents the slotted central portion of the holder, provided with the fixed handle B, and the adjustable handle C.

P represents a fixed jaw, the front face of which is provided with a notch, *c*, the walls of which, arranged at an angle of forty-five degrees to the longitudinal axis of the tool, and on each side of the notch is shaped to a corresponding angle to the said axis, with the salient point presented towards the jaw E.

The jaw E is provided on its face with a notch, the walls of which are also at an angle of the same degree to the longitudinal axis, the angle between the said walls opening towards the jaw P.

By this arrangement the square shanks of tools, such as augers, screw-taps, or other similar tools, may be readily and securely grasped and held between the jaws, irrespective of the size of the same, within the limits of the breadth of the slot in the holder, and the breadth of the side walls in the notch of the jaw P.

F represents plates secured to the flattened portion of the handle, to hold the dies in place, or these plates may be dispensed with, and the fixed jaw may be held by the pins *a a*, and the movable jaw may be held by the projecting end of the handle C, as shown in fig. 1.

*b* represents a spring-lever, arranged in a recess in the adjustable handle, and provided with a spring, to hold it open or shut, which handle is intended to facilitate the screwing up of the handle *e* against the jaw.

It will be readily perceived that a holder or handle constructed as above described, may, with great facility, be used with such tools as above described, for a great variety of sizes.

*e* represents a hole provided through the longitudinal axis of the jaw P, for the reception of the shank or tang of a cutting-tool, which may be inserted therein, when the instrument will also serve as a pipe-cutter.

A hole, *f*, is provided at right angles to the hole *e*, for driving out the said cutter.

Having thus described my invention, I claim as new, and desire to secure by Letters Patent—

1. The combination, with the stock A, of the jaws P and E, when the jaw P is provided with the longitudinal opening *e*, extending entirely through it, and communicating with the hole *f* in the stock A, all substantially as herein shown and described for the purpose specified.

2. The spring-lever *b*, pivoted in a slot in the screw-handle C, and adapted for operation as herein set forth

The above specification of my invention signed by me, this 11th day of April, 1868.

Witnesses:

WM. F. McNAMARA,  
ALEX. F. ROBERTS.

WILLIAM J. LINTON.