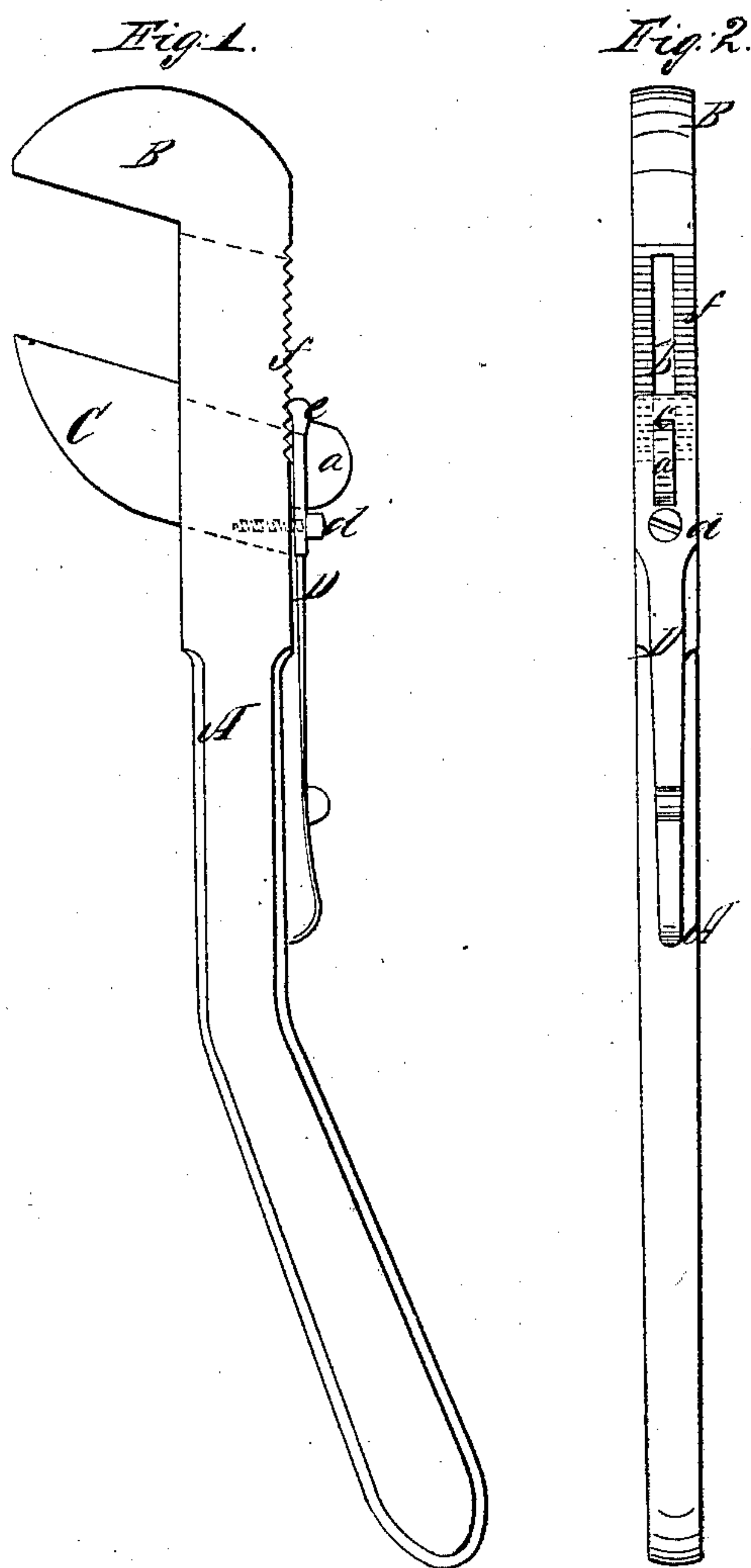


*J. W. Penney,*

*Wrench,*

*N<sup>o</sup> 44,653.*

*Patented Oct. 11, 1864.*



*Witnesses:*  
*R. D. Tipton*  
*Henry Morris*

*Inventor:*  
*John W. Penney*  
*by*  
*Munn & Co*  
*Attorneys*

# UNITED STATES PATENT OFFICE.

JOHN W. PENNEY, OF MECHANIC FALLS, MAINE.

## IMPROVED WRENCH.

Specification forming part of Letters Patent No. 44,653, dated October 11, 1864.

*To all whom it may concern:*

Be it known that I, JOHN W. PENNEY, of Mechanic Falls, in the county of Androscoggin and State of Maine, have invented a new and Improved Wrench; 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 part of this specification, in which—

Figure 1 is a side view of my invention; Fig. 2, an edge view of the same.

Similar letters of reference indicate like parts.

This invention relates to a new and improved wrench of that class which are provided with an adjustable jaw; and it consists in an improved arrangement of the latter, whereby the wrench may be readily adapted or applied to nuts of different sizes.

A represents a shank or handle, on one end of which a jaw, B, is formed or made; and C is a movable jaw, the back end of which has a tenon, *a*, the latter being fitted in a slot, *b*, in the shank, and allowed to slide freely up and down therein, the shoulder of the tenon bearing against the front edge of the shank A, and the back part of the tenon *a* projecting beyond the back edge of the same, and through a slot, *c*, in a spring, D, which is secured by a screw, *d*, to the back of the jaw C. The upper end of the spring D is provided

with a lip, *e*, which fits into a rack, *f*, on the back edge of the shank, and the lower end of the spring bears upon the same.

The spring proper is the portion below the screw *d*, and it has a tendency to keep the lip *e* engaged with the rack *f*, to hold the jaw C in position. This jaw C may be readily moved by simply pressing the thumb upon the spring, which throws the lip *e* out from the rack *f*, and when the wrench is adjusted to a nut and turned the pressure exerted against the jaw C has a tendency to press the lip *e* into a notch of the rack; consequently all casual slipping of jaw C is avoided.

The wrench may be constructed at a very moderate cost, and it is extremely durable, there being no parts liable to be deranged by use or to get out of repair.

I claim as new and desire to secure by Letters Patent—

The sliding jaw C, provided with a tenon, *a*, which is fitted in a slot, *b*, in the shank A of the stationary jaw B, in combination with the rack *f* on the back of the shank A, the spring D, fitted on the tenon *a*, and secured to jaw C by a screw, *d*, and having a lip, *e*, to engage with the rack *f*, all being arranged substantially as and for the purpose set forth.

JOHN W. PENNEY.

Witnesses:

JOHN DORE,  
JOSEPH BUCKMAN.