# J. Peace,

## Wrench.

No. 62,062. Patented Feb. 12, 1867.

Fig. 1.

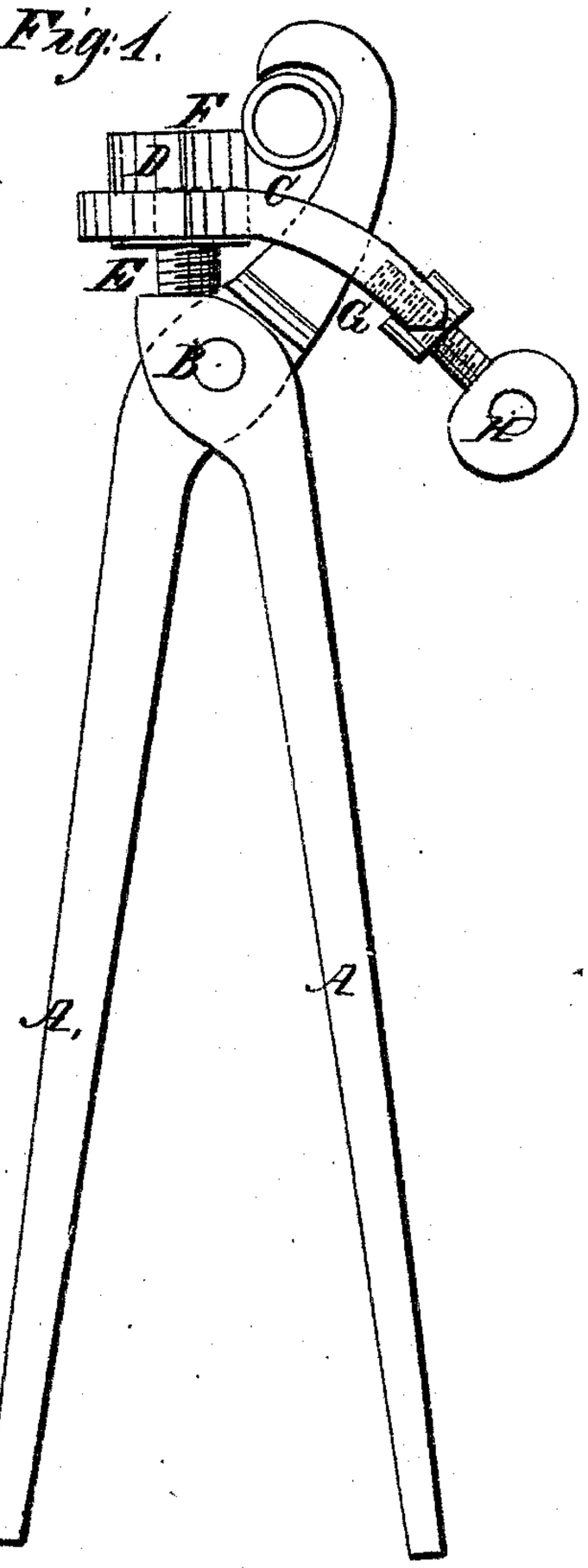


Fig. 2.

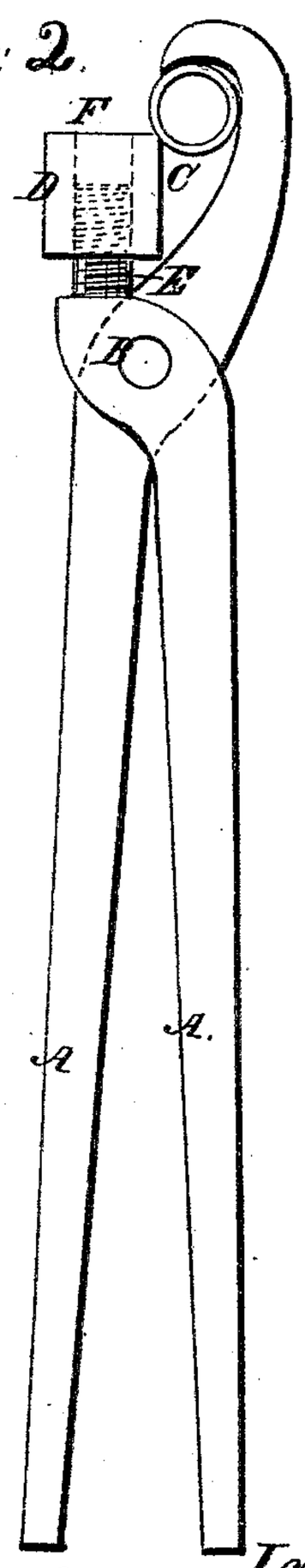


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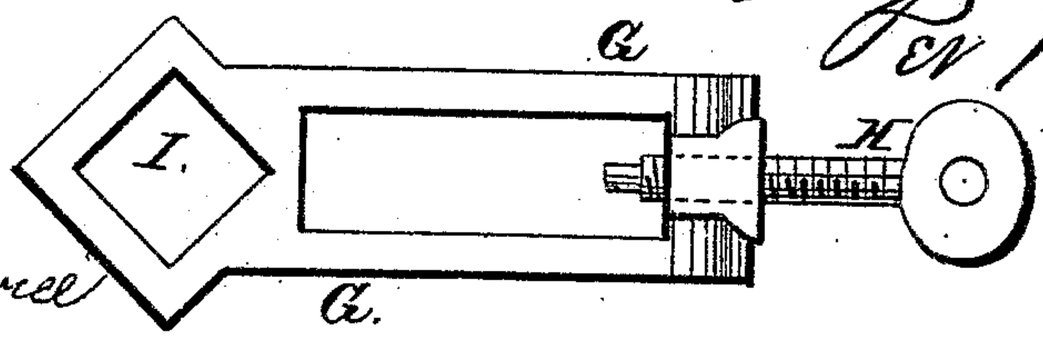
Fig. 3.



# United States Patent Office.

JOHN PEACE, OF CAMDEN, NEW JERSEY.

*Letters Patent No.* 62,062, *dated February* 12, 1867.

## IMPROVEMENT IN PIPE-TONGS AND CUTTER.

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, JOHN PEACE, of Camden, in the county of Camden, and State of New Jersey, have invented a new and improved "Pipe-Tongs and Cutter;" 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 present invention relates to a pair of tongs suitable for both screwing or turning pipes or tubes, and also for cutting off the same, and the invention consists in combining, with one jaw of the tongs, a double-ended adjustable steel socket, having a series of griping edges at each end, any one of which can be used by turning it toward the pipe, the said socket being susceptible of adjustment upon the jaw of the tongs, so as to enable the tongs to receive different sizes of pipes. In addition to the above for cutting off pipes, this invention also consists in combining with the steel socket a bridle of suitable shape to fit about the same and over the other jaw of the tongs, and provided with a thumb or set-screw in such manner that said socket can be presented diagonally toward the pipe, presenting a sharp point thereto, so that by turning or swinging the tongs about the pipe, such pipe will be cut off thereby. In the accompanying plate of drawings my improved pipe-tongs and cutter is illustrated—

Figure 1 being a side or face view of the tongs, with the bridle applied thereto.

Figure 2, a similar view to fig. 1, but with the bridle removed; and

Figure 3, a plan or top view of the bridle detached.

A A, in the drawings, represent the arms or handles of the tongs pivoted together at B, so that their outer ends, C, can be opened from each other or brought together by properly manipulating the handle ends of such arms therefor. One of the ends, C, is made of a hook shape, so as to more perfectly fit about and around a pipe or tube. D, a steel socket screwed by one end upon the screw-shaft or spindle E of one of the jaws, which socket, at each end, along its sides or edges F, is made sharp so as to tightly grip or hold a pipe or tube between it and the inside of the hook-shaped arm or end of the other handle. With the double-ended socket, when sides of one end have become worn, it can be reversed in position upon the screw-spindle E. When a pipe or tube is to be cut off, the steel socket is to be presented toward the same in a diagonal position, with its corner against it, when, by means of a bridle, G, shown in fig. 3 more particularly, it is there firmly held by securing such bridle to the tongs through its set or thumb-screw H. This bridle is cut out at I, of a square shape, so as to fit over the steel socket, and thus hold it from turning, while at its other end it is cut out of a rectangular shape to pass over the hook-shaped end of the tongs, where, by the set-screw H, it is secured, as is obvious without any further explanation. With the bridle upon the tongs, as above described, and the steel socket by its corner against the tube or pipe, if such tongs be then tightly grasped in the hand and turned or swung around, said pipe or tube will be cut off thereby.

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

A pair of pipe-tongs having an adjustable screw E, socket D, with a series of griping edges at each end, substantially as and for the purpose described.

The above specification of my invention signed by me this day of ; 1866.

JOHN PEACE.

Witnesses:

JAMES M. CASSADY,

FRANK BOARDMAN.