

J. Peace,
Pipe Cutter.

N^o 81,402.

Patented Aug. 25, 1868.

Fig: 2.

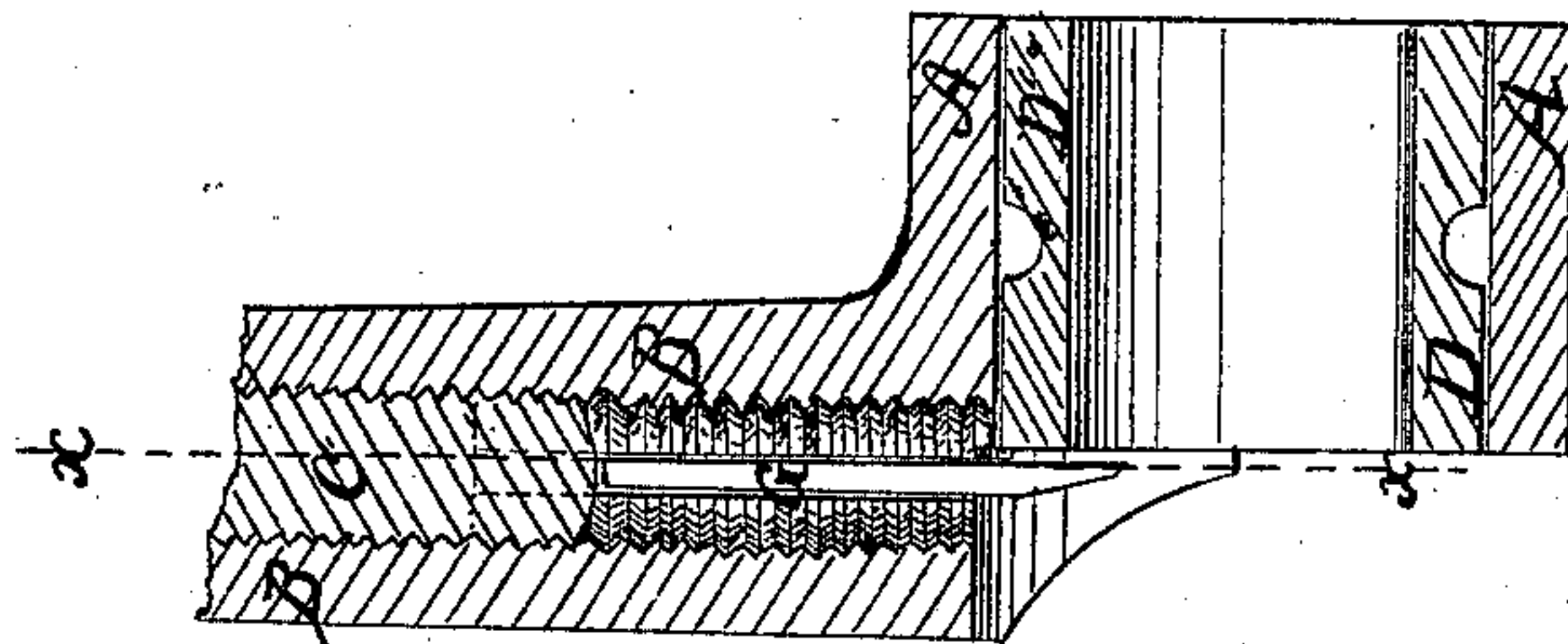
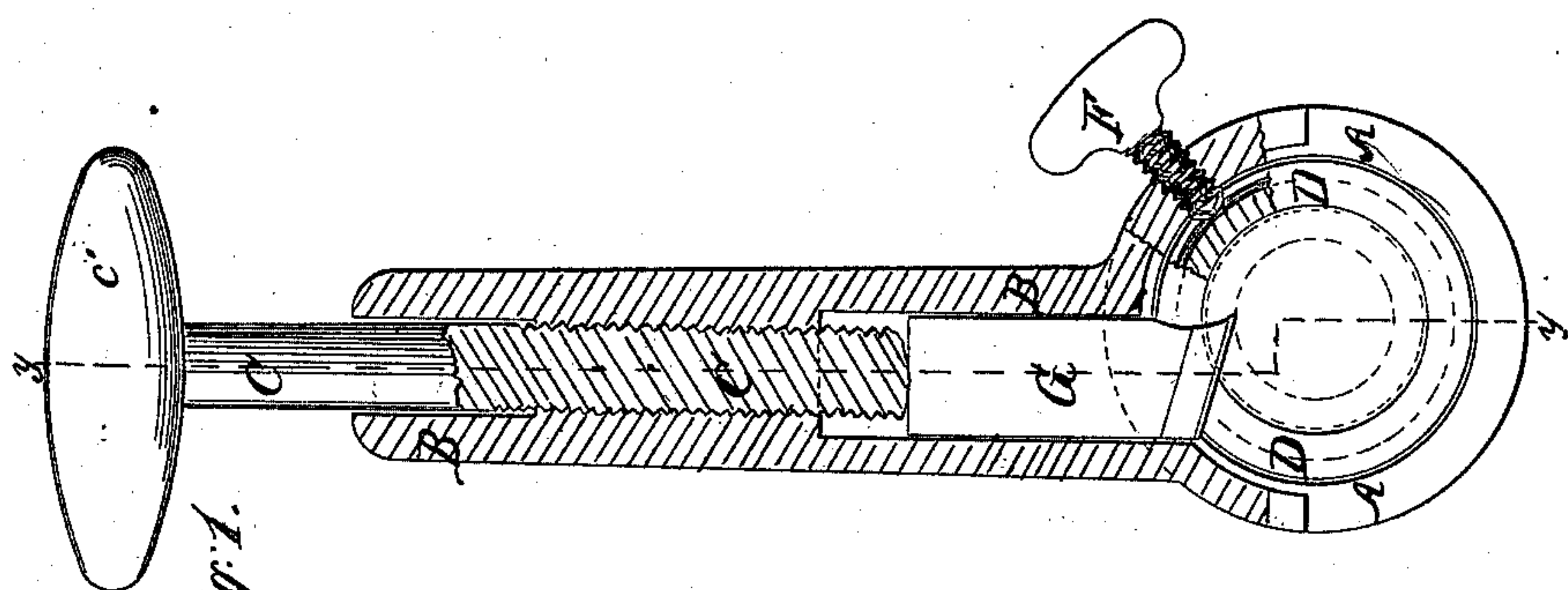


Fig: 1.



Witnesses.
Alex. F. Roberts
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United States Patent Office.

JOHN PEACE, OF CAMDEN, NEW JERSEY.

Letters Patent No. 81,402, dated August 25, 1868.

IMPROVEMENT IN PIPE-CUTTERS.

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 useful Improvement in Pipe-Cutters; 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 longitudinal sectional view of my improved instrument, taken through the line *x x*, fig. 2.

Figure 2 is a longitudinal sectional view of the same, taken through the line *y y*, fig. 1; part being broken away. Similar letters of reference indicate like parts.

My invention has for its object to furnish an improved tool for cutting off pipe, which shall be simple in construction, and durable, and which will cut off the pipe quicker and better than the pipe-cutters now in common use, cutting away the metal, and not leaving a burr upon either the outside or inside of the pipe. It consists in the construction and combination of various parts of the instrument, as hereinafter more fully described.

A is a short tube, of convenient size, upon one side of which, near its end, is formed an arm, B, perforated longitudinally, and having a screw-thread cut upon its inner surface, into which fits the screw-thread of the screw C.

Upon the outer end of the screw C is formed, or to it is attached, a knob or handle, *c'*, for convenience in operating it.

D is a removable bushing, fitting into the bore of the short tube A, and secured in place by the set-screw F, which screws into a hole in the side of short tube A, and the point of which enters a groove in the outer surface of the bushing D, as shown in fig. 1.

The cavity or bore of the bushing, D, is made of such a size as to fit upon the pipe to be cut.

G is the cutter, the side edges of which work in grooves in the inner surface of the perforated arm B, in which surface the screw-thread is cut that receives the screw C.

This construction enables the cutter to be instantly removed when required for sharpening or other desired purpose.

In using the instrument, a bushing, D, of a proper size to fit upon the pipe to be cut, is placed, and secured in the short tube A. The tool is then placed upon the pipe to be cut, and the screw C turned down until the cutter G is forced against the pipe to be cut; then, by turning the tool around by hand upon the said pipe, the cutter G will cut the metal of the pipe entirely apart, avoiding the objectionable burr formed upon the outside and inside of the pipe when the cutters heretofore in use have been employed.

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

The improved pipe-cutter herein described, consisting of the threaded handle C, tubular holder B, having female screw therein, knife *g*, cylinders A and D, and set-screw F, all constructed, arranged, and operating as described.

The above specification of my invention signed by me, this 1st day of July, 1868.

JOHN PEACE.

Witnesses:

W. H. HAWKINS,

JAMES M. CASSADY.