W. L. TRULAND.

Pipe-Wrench with Cutter.

No. 208,440. Patented Sept. 24, 1878.

Fig. 1.

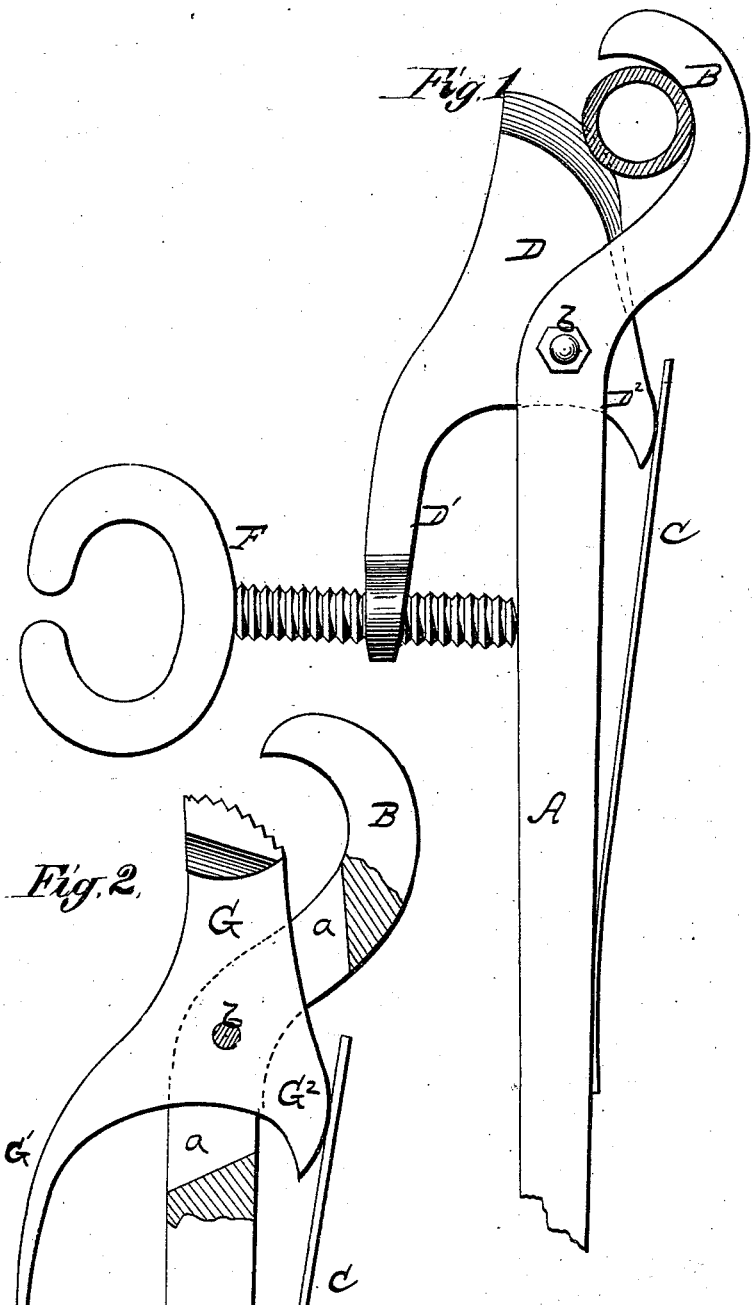
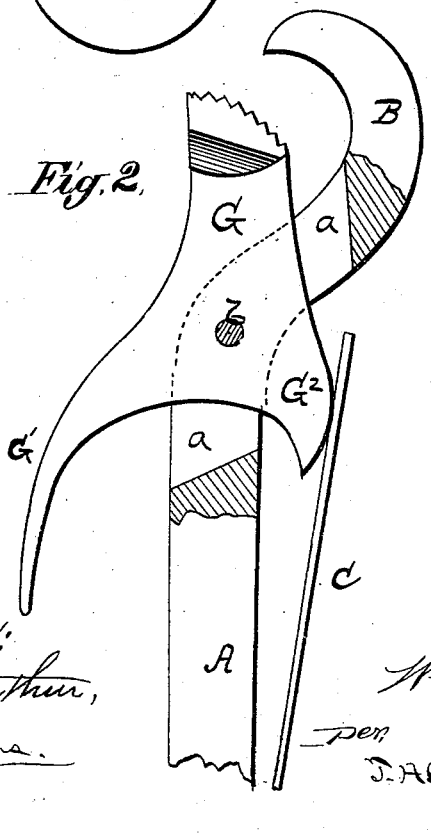


Fig. 2.



Witnesses:

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per

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UNITED STATES PATENT OFFICE.

WILLIAM L. TRULAND, OF LANSINGBURG, NEW YORK, ASSIGNOR TO HIMSELF AND EDWARD TRACY, OF SAME PLACE.

IMPROVEMENT IN PIPE-WRENCHES WITH CUTTERS.

Specification forming part of Letters Patent No. **208,440**, dated September 24, 1878; application filed August 21, 1878.

To all whom it may concern:

Be it known that I, WILLIAM L. TRULAND, of Lansingburg, in the county of Rensselaer and State of New York, have invented certain new and useful Improvements in Pipe-Cutters; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

The nature of my invention consists in the construction and arrangement of a pipe-cutter, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side view of the pipe-cutter. Fig. 2 is a side view of the pipe-wrench.

A represents the handle or lever of my implement, the end of said handle being curved, as shown, and forming the jaw B. In the curve of the handle is made a central slot, *a*, as shown, and below this slot to the outer edge of the handle is secured a spring, C.

D represents a cutting-blade, constructed with an arm, D^1, and a projection or heel, D^2. The heel D^2 is passed through the slot *a*, and the cutter pivoted by means of a bolt, *b*, the end of the spring C bearing against the heel. Through the end of the arm D^1 is screwed a screw, F, which bears against the handle.

When the implement is passed over the pipe to be cut, the tendency of the spring C is to force the cutting-edge on the pipe, and then by turning the thumb-screw F the cutter is forced into the pipe, and the pipe can be easily cut.

G represents a serrated wrench-jaw, formed with an arm, G^1, and heel G^2. By taking out the bolt *b* the cutter can be removed and the wrench-jaw G put in its place, the spring C then bearing on the heel G^2, to throw the jaw G against the pipe to be turned. The arm G^1 is simply for the purpose of releasing the wrench from the pipe.

This tool or implement is simple and cheap in construction, durable, and not liable to get out of order.

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

The cutting-blade D, constructed with arm D^1 and heel D^2, the arm being provided with screw F on one side of lever A, and the heel having the pressure-spring C on its opposite side, substantially as and for the purpose herein set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

WILLIAM L. TRULAND.

Witnesses:

S. BROOKS,

JAS. H. WEAVER.