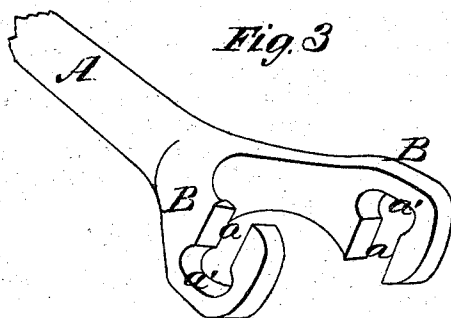
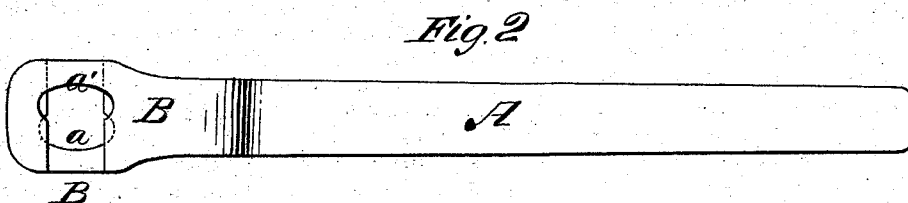
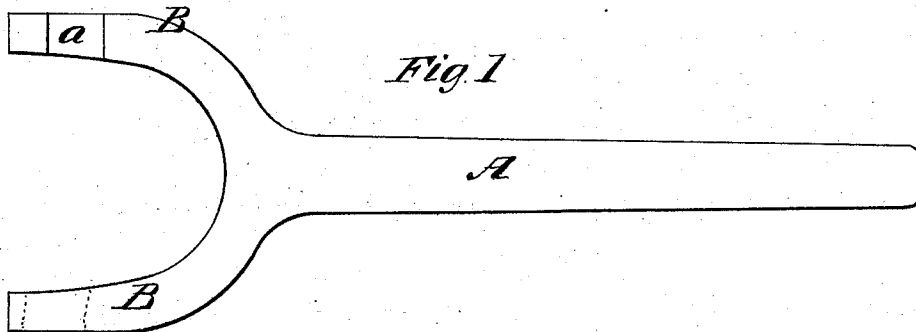


D. U. BEECHER.
Hose-Spanners.

No. 154,445.

Patented Aug. 25, 1874.



WITNESSES

Robert. Everett,
George E. Upham. By

INVENTOR

David U. Beecher
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ATTORNEYS.

UNITED STATES PATENT OFFICE

DAVID U. BEECHER, OF STONEHAM, MASSACHUSETTS.

IMPROVEMENT IN HOSE-SPANNERS.

Specification forming part of Letters Patent No. **154,445**, dated August 25, 1874; application filed January 31, 1874.

To all whom it may concern:

Be it known that I, DAVID U. BEECHER, of Stoneham, in the county of Middlesex and State of Massachusetts, have invented a new and valuable Improvement in Spanners; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a plan view of my spanner. Fig. 2 is a side view of the same. Fig. 3 is a perspective view of the same.

This invention has relation to spanners or hose-wrenches; and it consists in an instrument of this kind having two prongs formed on one end of a suitable handle, in which prongs notches or slots are made to receive the lugs on the coupling of a hose, thereby making a double-acting wrench, by means of which a coupling can be screwed or unscrewed without the necessity of detaching the wrench from the coupling to reverse it, as will be hereinafter more fully explained.

The following is a description of my invention:

In the annexed drawings, A represents the handle of the hose-spanner, on one end of which I form two curved prongs or horns, BB, having notches *a a* in their edges, which

notches terminate in oblong holes *a' a'*. In the drawings I have represented the notches *a a* on opposite sides of the spanner, but they may be on the same side. Spanners or hose-wrenches having a single jaw only have long been known and used; but they are objectionable, for the reason that they require to be detached from a coupling for reversal, which requires time for making the adjustment, and the saving of time is very important in the manipulation of any apparatus to be used at a fire. The advantages of my improvement must be obvious, with which the hose-coupling can be screwed up and unscrewed without detaching the instrument. By my invention I also obtain a much firmer hold on the coupling than can be obtained by the single prong-spanner.

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

A hose-wrench having formed on one end of a handle two notched or slotted prongs to receive the lugs on the coupling of a hose, substantially as specified.

In testimony that I claim the above, I have hereunto subscribed my name in the presence of two witnesses.

DAVID USTIC BEECHER.

Witnesses:

R. C. HUNTRESS,
W. R. BEATTY.