

D. W. Colburn,

Wrench.

N^o 78.861.

Patented June 16, 1868.



Witnesses

*W. H. Colburn
Jrs Jones*

Inventor

Daniel W. Colburn

United States Patent Office.

DANIEL W. COLBURN, OF LOAMI, ILLINOIS.

Letters Patent No. 78,861, dated June 16, 1868.

IMPROVEMENT IN WRENCH.

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, DANIEL W. COLBURN, of Loami, county of Sangamon, State of Illinois, have invented a new and useful Improvement on the Jaws of an Ordinary Wrench; 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 accompanying drawing, and to the letters of reference marked thereon.

I construct the jaws of any ordinary wrench so that one is much longer than the other. (In the accompanying drawing the lower jaw is constructed longer than the upper.) I make the longer jaw, A, with a slightly concave surface, and the shorter one, B, straight. The longer one, with the concave surface, is enough longer than the other so as to allow them to slide easily around the top without removing the wrench from it.

In the ordinary wrench, with jaws of equal length and square surfaces, the wrench must always be taken off to get a fresh grasp. This construction of the jaws obviates that, and does the work in one-fourth of the time

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

This improved construction of the jaws A and B, in the manner herein specified, and for the purposes set forth.

Witnesses:

W. A. COLLERMERD,

Jos. JONES.

DANIEL W. COLBURN.