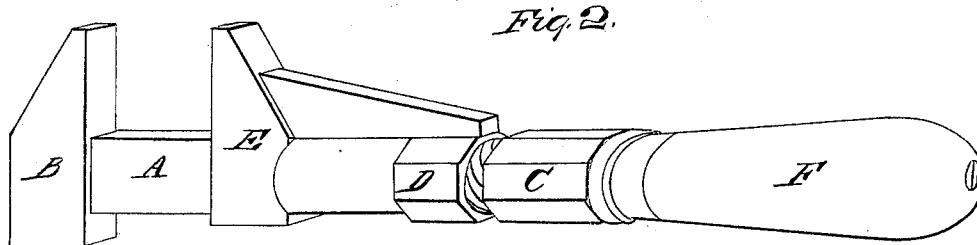
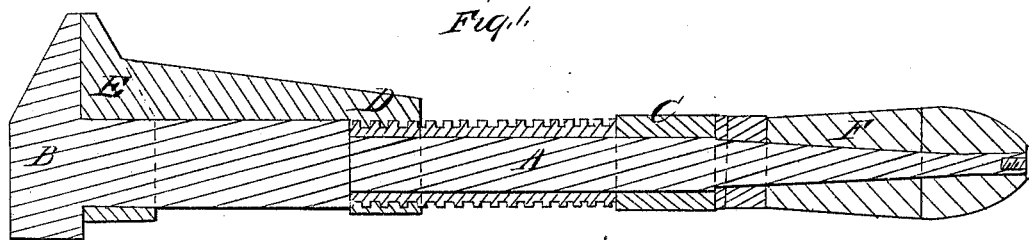


H. W. Hewet,

Wrench.

N^o 1659.

Patented June 27, 1840.



Witnesses:

*Wm. A. Coy
G. Sherer*

Inventor:

H. W. Hewet

UNITED STATES PATENT OFFICE.

HENRY W. HEWET, OF NEW YORK, N. Y., ASSIGNOR TO HAWLEY D. CLAPP.

SCREW-WRENCH.

Specification of Letters Patent No. 1,659, dated June 27, 1840.

To all whom it may concern:

Be it known that I, HENRY W. HEWET, of the city of New York, in the county and State of New York, have invented a new
5 and useful Improvement in Screw-Wrenches; and I do hereby declare that the following is a full and exact description.

The nature of my invention consists in providing a cylindrical tube with a screw
10 cut upon part of its exterior surface, the other part of said surface being made octagonal or many sided for the purpose of moving said tube with the fingers, which tube is placed, and revolves, upon that bar
15 of the wrench to which the fixed jaw is attached. To the bar of the movable jaw is firmly attached a nut having a female screw corresponding with the thread upon the tube. By means of the whole arrangement
20 the movable jaw of the wrench may be adjusted to any required distance from the fixed jaw, and used with one hand without shifting the position of the hand, and further the parts of the wrench are much simplified and strengthened.
25

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

No. 2 of the drawings annexed is a perspective view of my improved screw wrench. No. 1 is a longitudinal section of the wrench.
30

A is the principal bar of the wrench, to which the fixed jaw is attached.

C is a cylindrical tube revolving upon the
35 bar A and having a thread cut upon part of its exterior surface, as seen in the drawings. That part of the tube next to the handle of the wrench is cut into an octagonal form for the more easy turning of the
40 tube by the fingers.

D is a nut adapted to the screw on C and is firmly attached to the bar of the movable jaw E.

F is the handle of the wrench. 45

It will be seen that if the tube C be made to revolve, the movable jaw will advance or recede, according to the direction in which the tube is turned. By this arrangement the wrench may be adjusted and used with
50 one hand with the greatest ease, although the arm be extended to its full length while using the wrench.

What I claim as my invention and desire to secure by Letters Patent is— 55

Cutting the male screw upon the tube C which revolves upon the main bar A in combination with the nut D attached to the jaw E as herein described.

HENRY W. HEWET.

Witnesses:

F. WHITING,
DAVID D. VAN ALSTYNE.