

J. N. Arvin,

Wrench.

No. 86,967.

Patented Feb. 16, 1869.

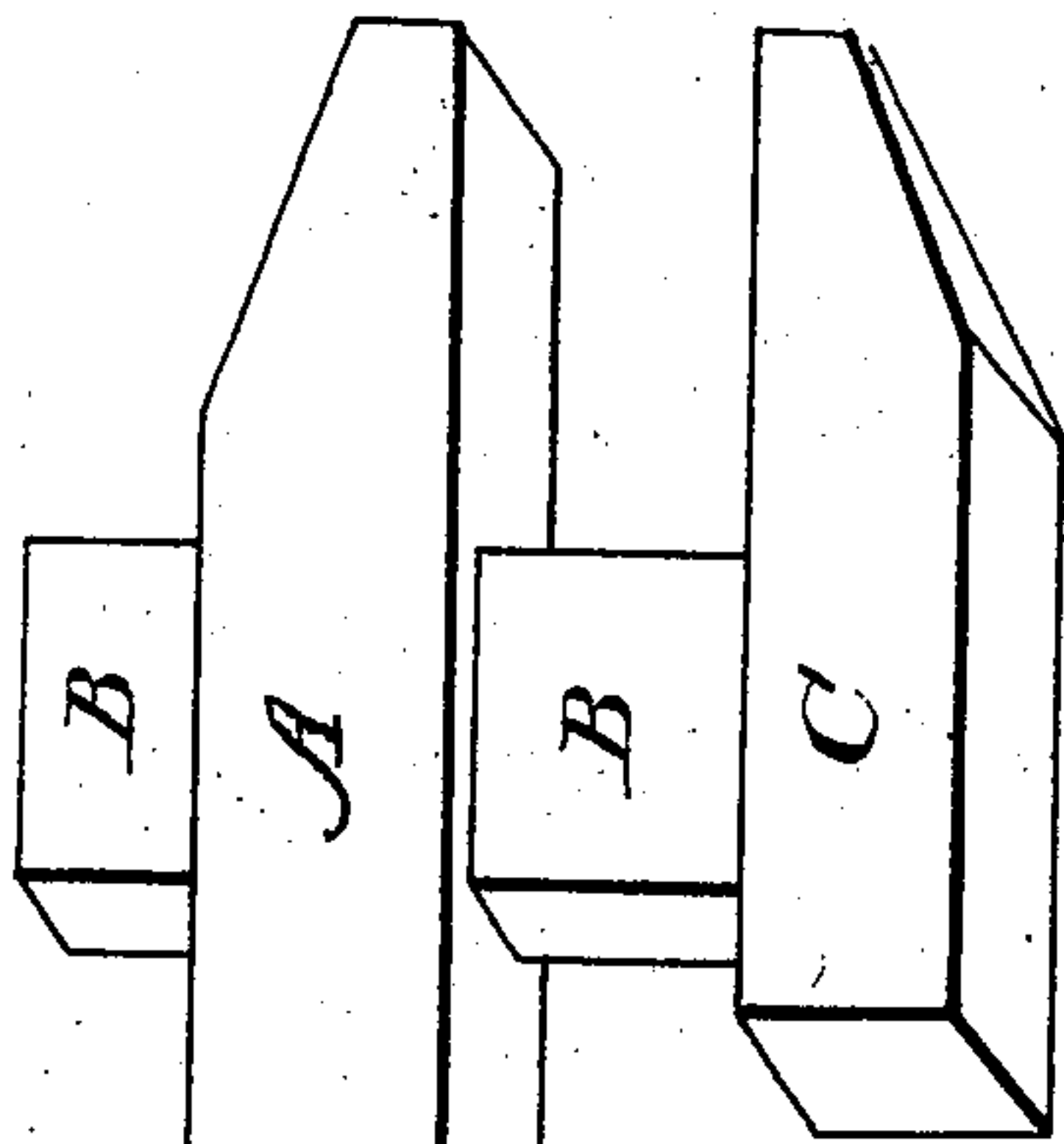


Fig. 1.

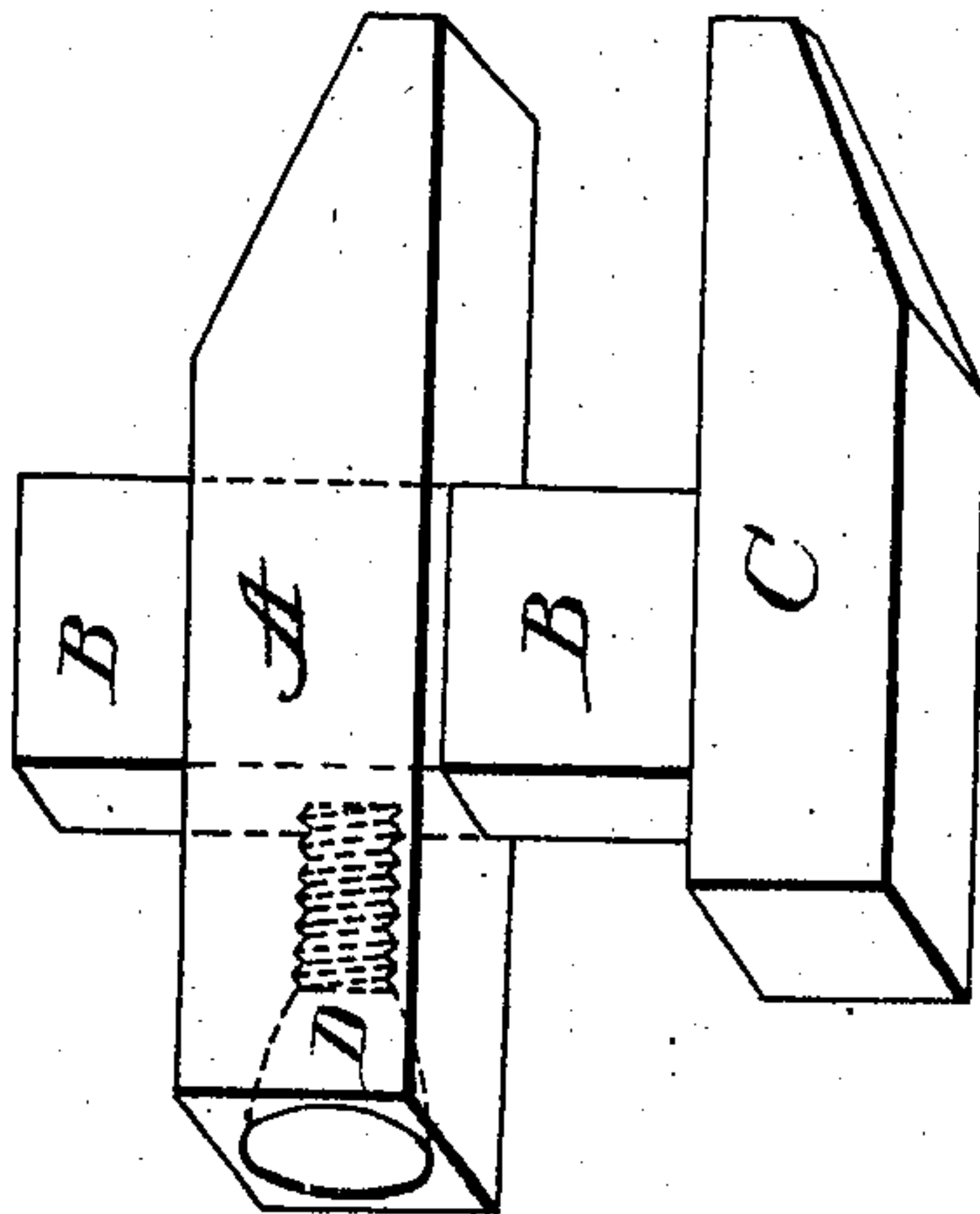
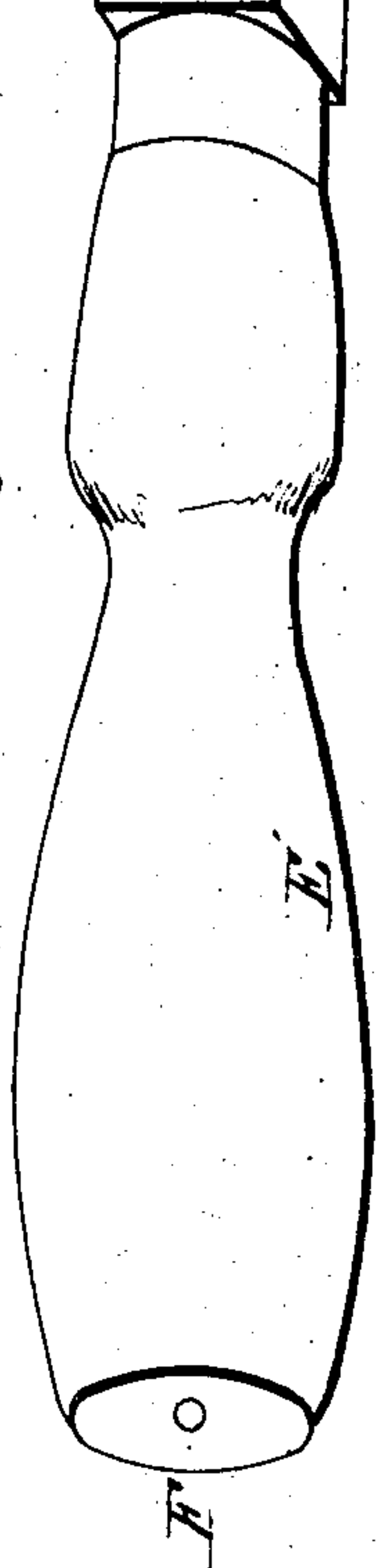
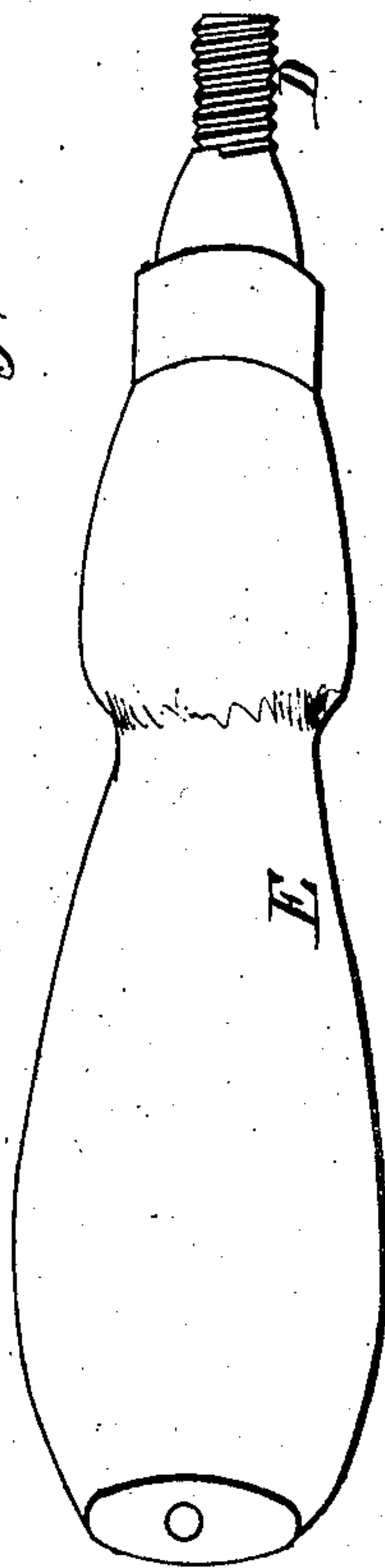


Fig. 2.



Witnesses;
C. L. Loom
John Urbahns.

Inventor;
John N. Arvin.



JOHN N. ARVIN, OF VALPARAISO, INDIANA.

Letters Patent No. 86,967, dated February 16, 1869.

IMPROVEMENT IN WRENCHES.

The Schedule referred to in these Letters Patent and making part of the same.

Be it known that I, JOHN N. ARVIN, of the city of Valparaiso, in the county of Porter, in the State of Indiana, have invented a new and useful Improvement on the Wrench patented by one Thomas Pratt, on the 8th day of January, A. D. 1867, and numbered sixty-one thousand and ninety-seven, (61,097;) 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, in which—

Figure 1 is a view of the complete wrench, and

Figure 2 is a view of the separate pieces of said wrench and the screw D D, showing the office of said screw.

The bars A and C are of steel or wrought-iron, and form the jaws of said wrench.

The slide B B pierces the jaw A, and is made fast to the jaw C.

It is made so as to be adjustable at the slightest touch, and when the jaws A and C are properly adjusted, the screw D D is pressed against the slide B B by means of the orifice D, through the end of the jaw A, which holds the slide B B to its proper place.

The slide is made of steel.

E is the wooden handle of said wrench, and

F, the end of the bar D, which pierces the handle E.

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

The set-screw D of the handle E, in combination with the jaws A C and slide B, substantially as and for the purpose set forth.

Valparaiso, Indiana, November 28, 1868.

J. N. ARVIN.

Witnesses:

W. H. CALKINS,
H. HUNT.