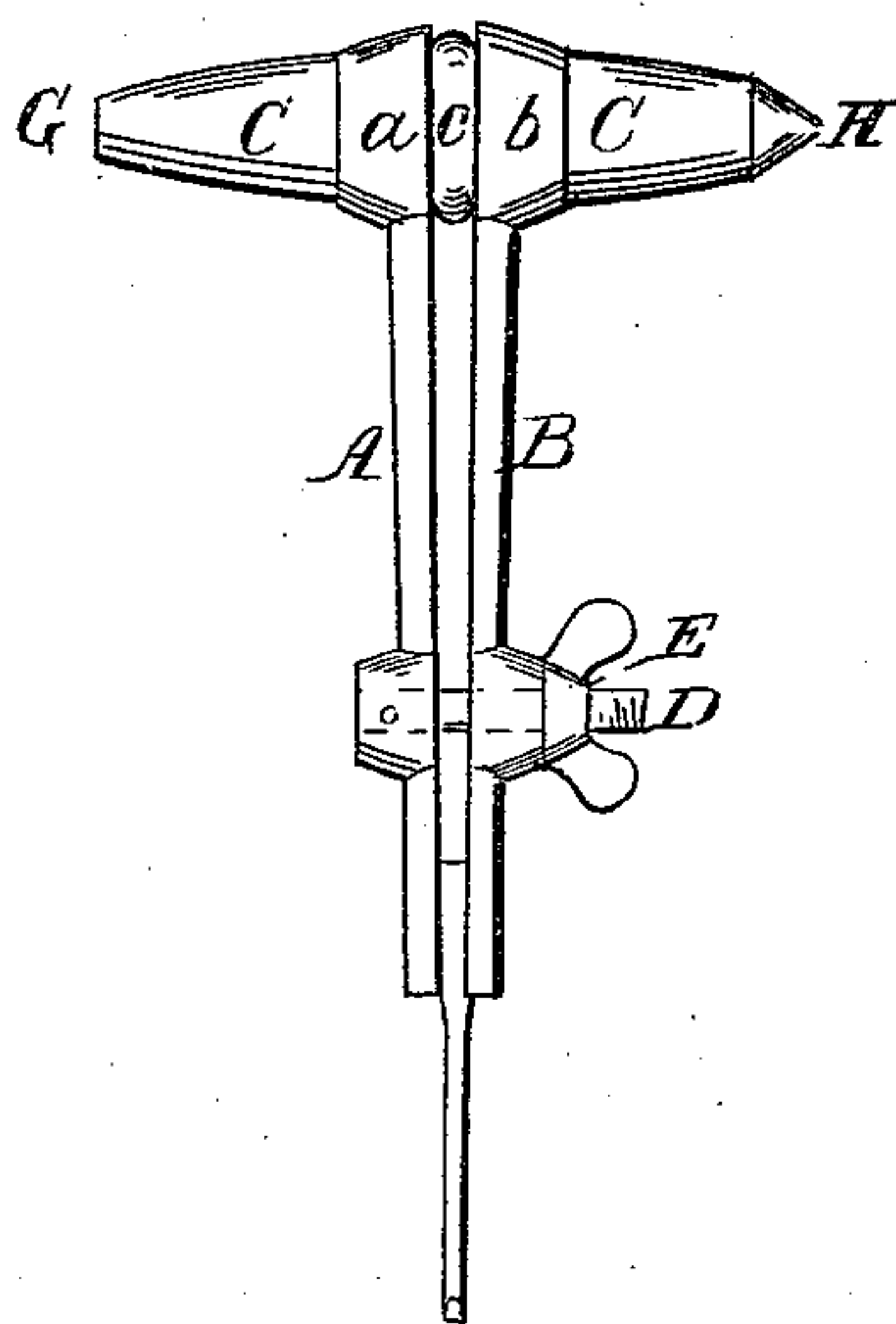


*E. Ripley,*  
*Tool Handle.*

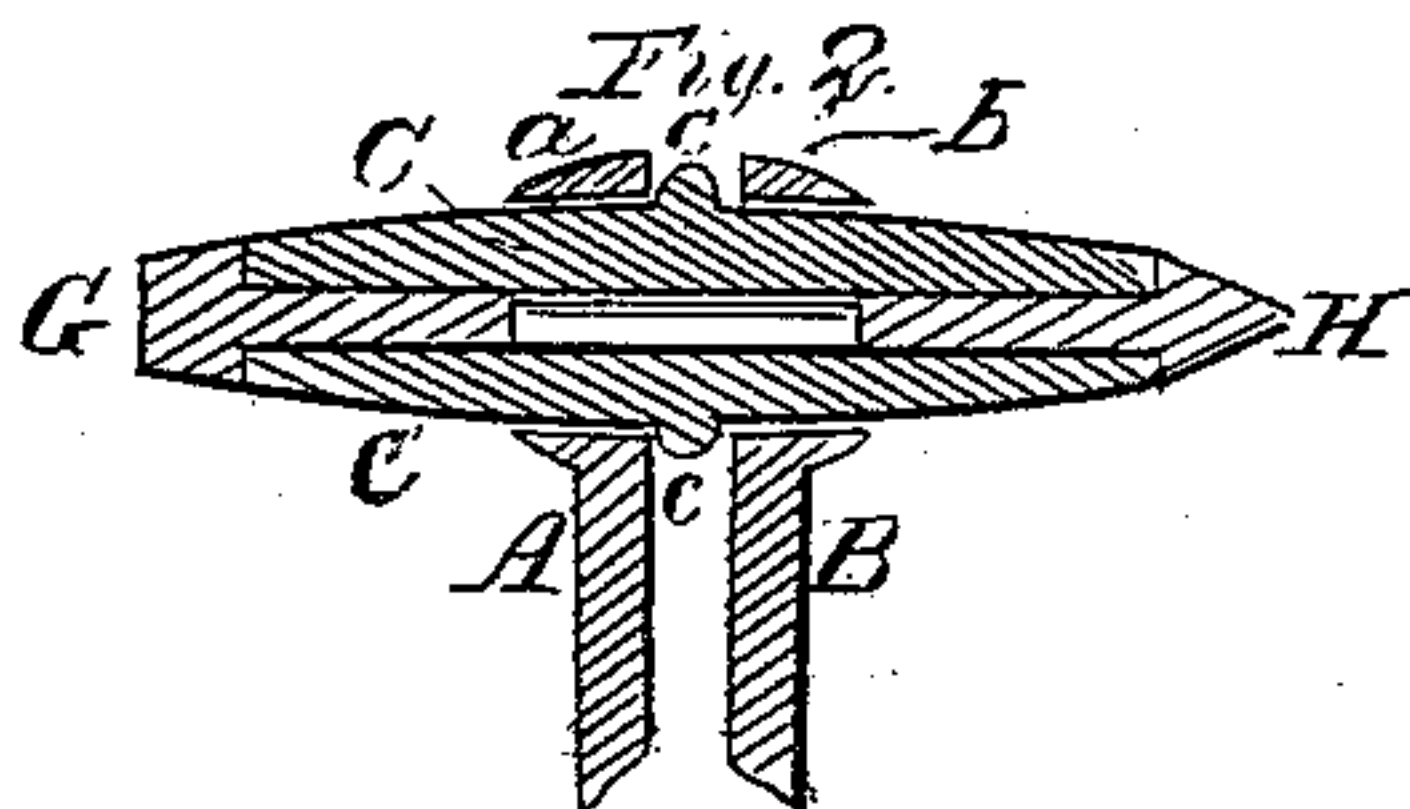
*No. 93,906.*

*Patented Aug. 17. 1869.*

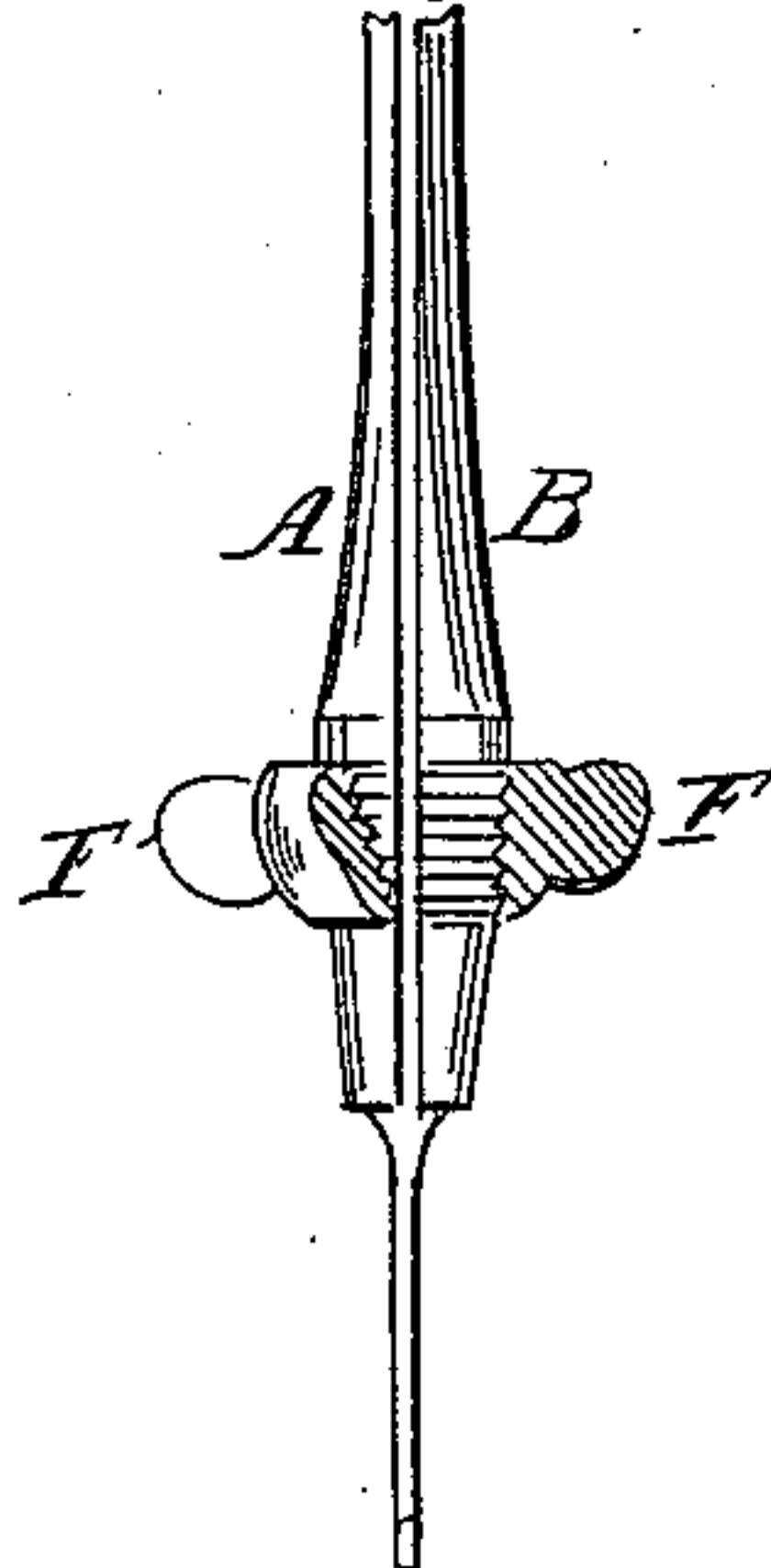
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*Witnesses*

*Geo. H. Road*  
*W. H. Bishop.*

*Inventor:*

*Ezra Ripley*  
*By Prindle and Co.*

# United States Patent Office.

EZRA RIPLEY, OF TROY, NEW YORK, ASSIGNOR TO HIMSELF AND GEORGE S. PRINDLE, OF AURORA, ILLINOIS.

Letters Patent No. 93,906, dated August 17, 1869.

## IMPROVEMENT IN TOOL-HOLDER.

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, EZRA RIPLEY, of Troy, in the county of Rensselaer, and in the State of New York, have invented an Improved Combined Tool-Stock and Hammer; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, making part of this specification, in which—

Figure 1 is a plan view.

Figure 2 is a longitudinal section of the handle, and upper end of the stock.

Figure 3 illustrates another method of pressing together the lower end of the stock and holding the tools.

My invention relates to a class of devices known as tool-stocks or handles; and

It consists principally of the peculiar form and construction of the stock and handle, by means of which the latter is firmly secured to the former at a right angle therewith.

It also consists of the insertion of suitable pieces of steel in the ends of the handle, representing the head and pene of a hammer, by means of which the device is adapted to the purpose of a small hammer.

In the annexed drawing,

A and B represent two halves or sections of the stock, having attached to the upper end of each, and forming a part thereof, a thimble, *a* and *b*, which fits over a wooden handle, C. At the centre of the handle C is a small bead, *c*, from which it is tapered toward either end, and the thimbles *a* and *b* have a corresponding interior, so that when pressed together against the bead, they fit closely upon the handle, holding the stock at a right angle to the same.

The stock is about four inches in length, and has, near its lower end, round bosses formed upon each half.

D represents a screw, one end of which is pivoted within one of the bosses, while the other end passes through the opposite boss, and is provided with a wing-nut E, which, when turned in the right direction, presses the sections A and B together at their lower ends, firmly claspings anything placed between.

A V-shaped groove is cut longitudinally upon the inner faces of the sections at their lower ends, for the purpose of holding round or square tool-shanks more firm.

In fig. 3 is shown another method for pressing the stock together. As seen in the drawing, the lower end of said stock is tapered upward and outward for about one inch, and has cut upon it a thread. A wing-nut F, with a tapering interior corresponding to the stock, works upon said thread, and it will be readily seen that, as the nut is turned, the sections of the stock will either be loosened or pressed together.

Neither of the devices described for pressing together the lower ends of the sections is new, or claimed as a part of this invention, but is given for the purpose of illustrating the operation of said sections in securing the handle thereto.

Passing lengthwise through the centre of the handle C, is a hole for the reception of the shanks of two pieces of steel, G and H, forming the head and pene of a hammer. A shoulder is formed where each piece comes against the end of the handle, and, as the shanks fit closely, and are secured by cement, a durable as well as cheap hammer for light work is formed.

When used for riveting, the handle can be turned so as to bring the flat pene in a line with, or at a right angle to the stock, as may be desired.

It is believed that this tool-stock possesses many advantages over any in use, among which are—

First, simplicity of construction, and cheapness of the several parts. The sections can be made of malleable iron, and require but little fitting, while the handle can be turned by machinery, and the steel ends struck out at a small expense.

Second, convenience and durability. The adjustable stock affords the means for holding any small tools, such as awls, gimlets, screw-drivers, &c., and, by permitting their ready adjustment or removal, renders it unnecessary to have, as is customary, a separate handle for each; besides which, the handle being placed at a right angle to the stock, it is much easier to exert the necessary force required in turning, than if said handle were parallel with and formed a part of said stock. The hammer, also, will prove useful and convenient for any light work, effecting a saving, not only in the number, but also in the expense of such tools; and from the simplicity and construction of the several parts of this device, it is believed that great durability will be had.

Having thus fully set forth the nature and merits of my invention,

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

A tool-stock, to which the handle C is secured by means of the thimbles *a* and *b*, attached to the upper ends of the sections A and B, and fitting over the tapered ends of said handle, when all of the parts are constructed and arranged to operate substantially as herein shown and described.

In testimony that I claim the foregoing, I have hereunto set my hand, this 8th day of December, 1868.

EZRA RIPLEY.

Witnesses:

GEO. S. PRINDLE,  
EDM. F. BROWN.