

Vittaly & Kolb,
Shoemakers' Tool.

N^o 11,099.

Patented June 13, 1854.

Fig. 1.

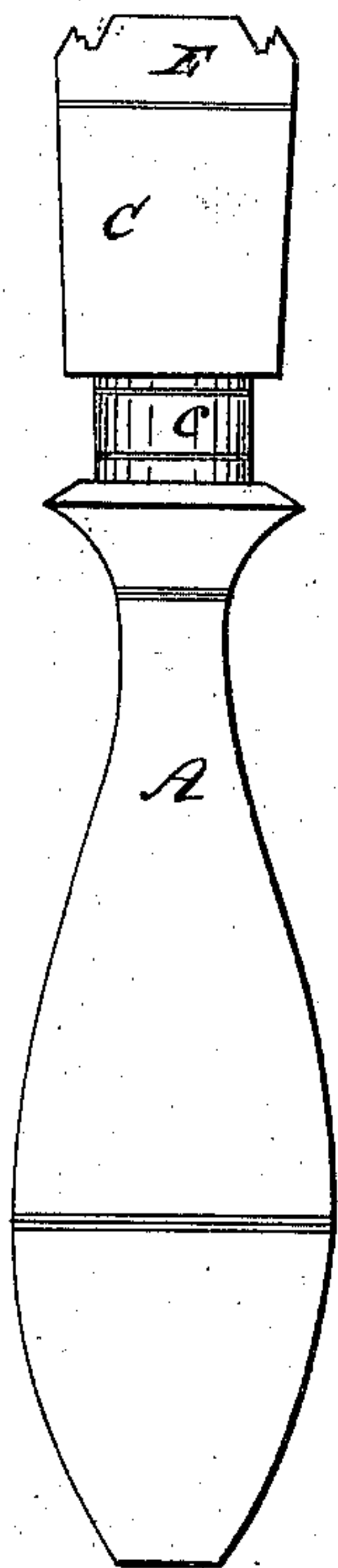


Fig. 2.

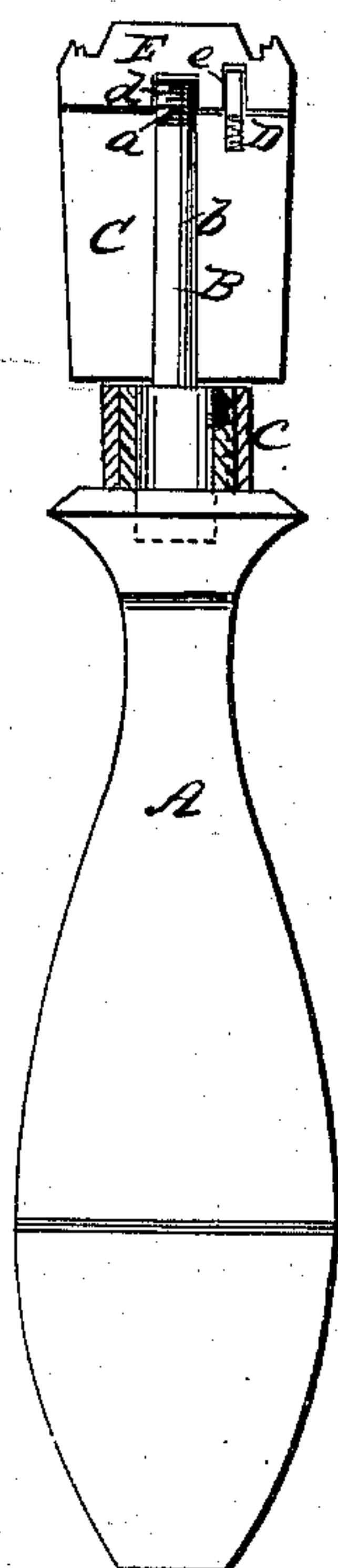
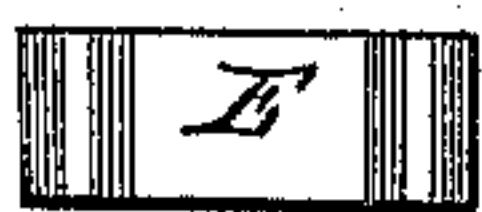


Fig. 3.



UNITED STATES PATENT OFFICE.

ANTHONY VITTALY AND CARL KOLB, OF NEWARK, NEW JERSEY.
IMPROVEMENT IN SECURING TOOLS TO THEIR HANDLES.

Specification forming part of Letters Patent No. **11,099**, dated June 13, 1854.

To all whom it may concern:

Be it known that we, ANTHONY VITTALY and CARL KOLB, of Newark, in the county of Essex and State of New Jersey, have invented a new and Improved Mode of Securing Shoe-Makers' Tools to Stocks or Handles, whereby one stock or handle only is required for several tools; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is an external view of a stock or handle with a tool attached to it. Fig. 2 is a longitudinal section of same, the plane of section being through the center. Fig. 3 is a top view of the tool, which is shown attached to the stock or handle in Figs. 1 and 2.

Similar letters of reference indicate corresponding parts in the several figures.

The nature of our invention consists in securing the tools to the stock by means of a screw-rod, metal shoulder, or block and dowel-pin, arranged as will be hereinafter shown.

To enable those skilled in the art to fully understand and construct our invention, we will proceed to describe it.

A represents the stock or handle of ordinary shape, and B, Fig. 2, is a rod, which is driven into the handle and secured permanently in it in any proper manner. On the outer end of the rod B a screw-thread *a* is cut, as shown in Fig. 2.

C is a metal block or shoulder of rectangular form, and having a circular aperture *b* longitudinally through it, in which aperture the rod B fits, the inner end of the block or shoulder resting upon the ferrule *c* and the end of the stock or handle A.

On the outer end of the block or shoulder C there is a dowel-pin D, which is permanently

secured in the block or shoulder a short distance from the aperture *b*. (See Fig. 2.)

E represents a tool, the under surface of which corresponds in size to that of the outer end of the block or shoulder C. In the under part of the tool there are two recesses *d e*. The recess *d* has a screw-thread cut in its sides, and receives the end of the rod B. The recess *e* receives the outer end of the dowel-pin D.

To secure the tool to the stock or handle, the block or shoulder C is placed on the rod B and the tool E is placed over the end of the block or shoulder, the recess *d* being over the end of the screw-rod and the recess *e* over the end of the dowel-pin D. The stock or handle A is then turned from left to right, and the screw-thread on the end of the rod B draws the tool firmly to the block or shoulder and the block or shoulder firmly against the ferrule *c* and end of the stock or handle. The dowel-pin keeps the tool properly adjusted to the block or shoulder. A variety of shoe-makers' tools may be secured to the same stock or handle—for instance, single and double collishes, shank and heel irons, &c. The tools, of course, are formed of steel, the block or shoulder may be formed of iron or any suitable metal.

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

Securing the tool E to the stock or handle A by means of the screw-rod B, block or collar C, and dowel-pin D, constructed and arranged as set forth.

ANTHONY VITTALY.
CARL KOLB.

Witnesses:

OLIVER R. SMITH,
WM. N. CARR.