

Arthur Clarke

Improvement in Shoemakers Pincers

No. 119,447.

Patented Oct. 3, 1871

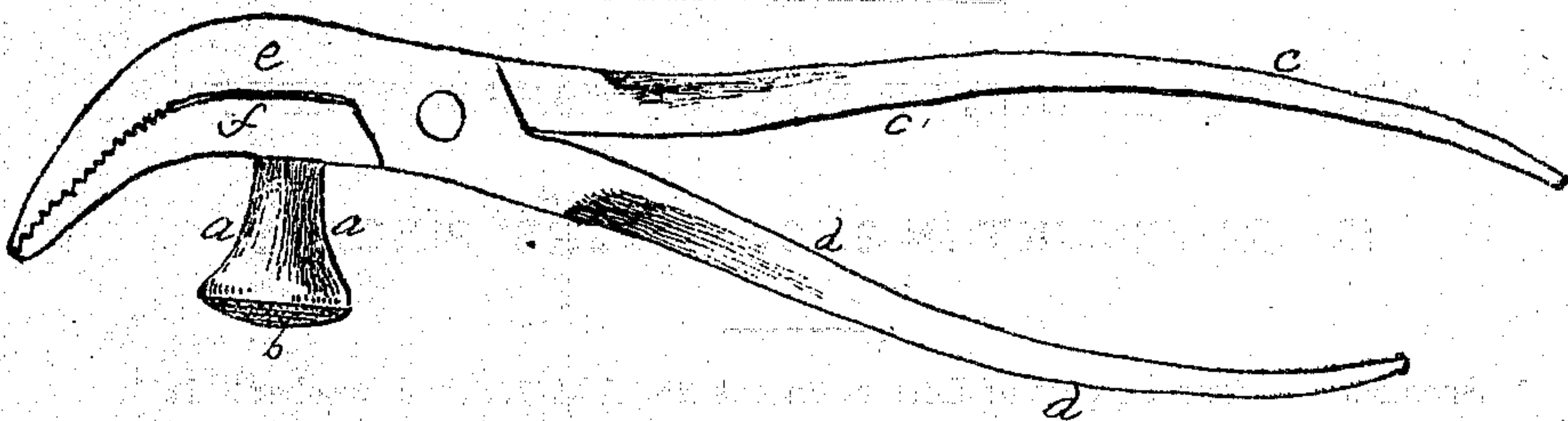


Fig. 1.

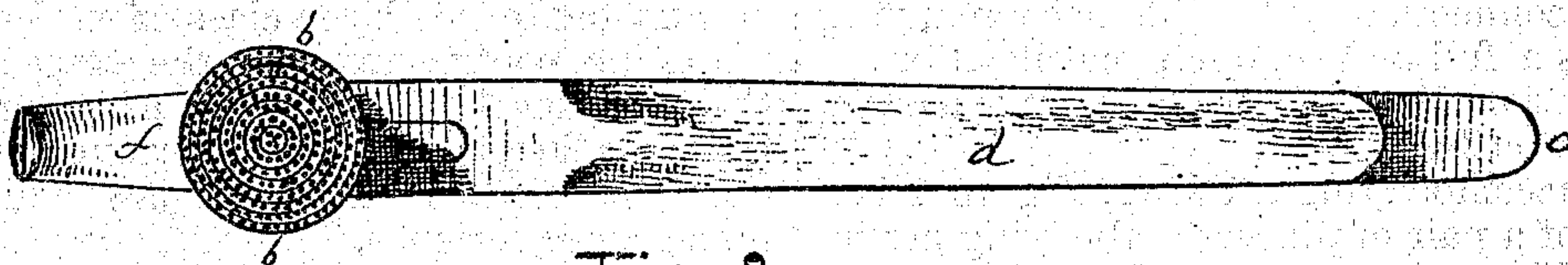


Fig. 2.

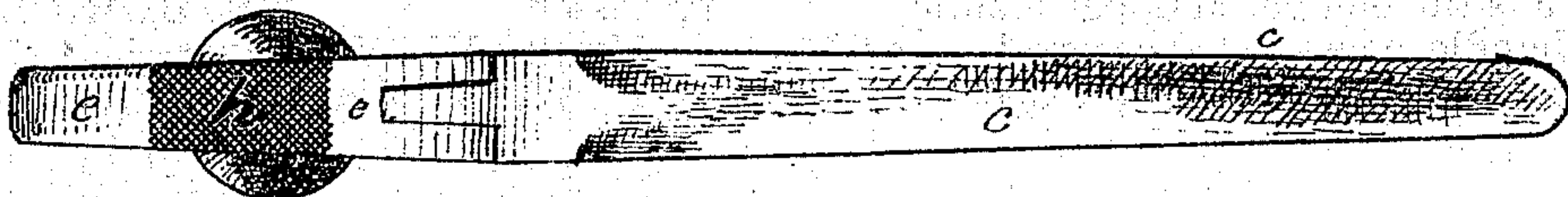


Fig. 3.

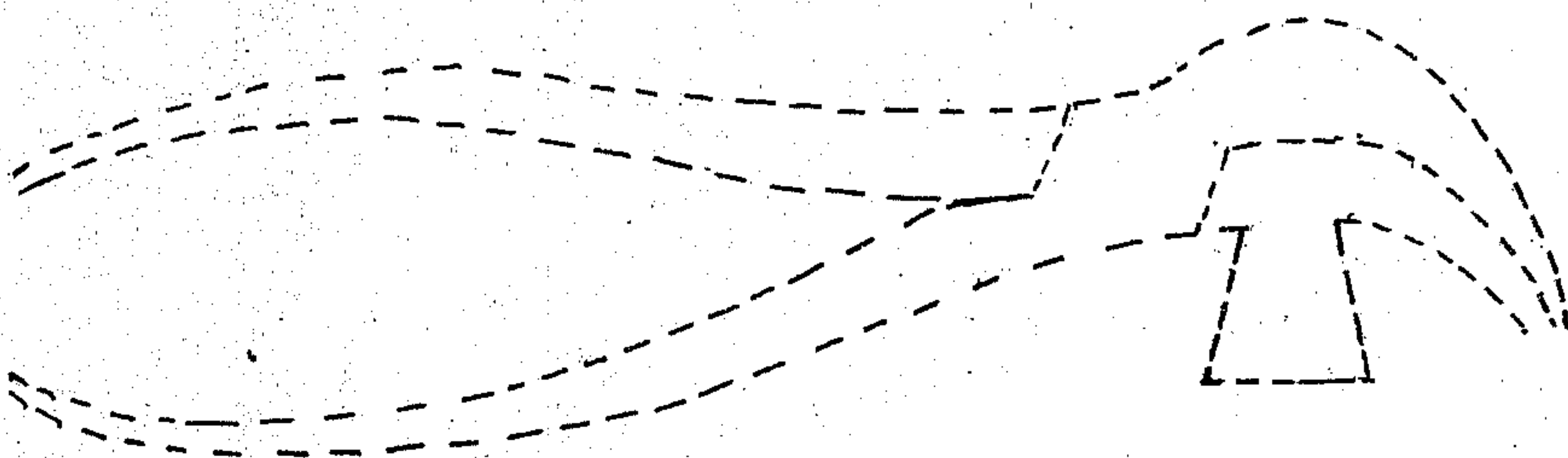


Fig. 4

Witnesses -

Victor Lejust - - - -

Arthur Clarke -

Inventor -

B. M. Williams

by Henry A. Williams & Co. Attys.

UNITED STATES PATENT OFFICE.

ARTHUR CLARKE, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN SHOEMAKERS' PINCERS.

Specification forming part of Letters Patent No. 119,447, dated October 3, 1871.

To all whom it may concern:

Be it known that I, ARTHUR CLARKE, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and valuable Improvement in connection with Shoemakers' Lasting Pincers, of which the following, when taken in connection with the accompanying drawing, is a full and complete specification:

My invention relates to a serrated upper handle, as below described.

In the accompanying drawing, Figure 1 is a side view of a pair of pincers embodying my invention. Fig. 2 is a view of the under side of the same. Fig. 3 is a view of the upper side of the same. Fig. 4 is an outline (in dotted lines) of a pair of pincers now in general use, and upon which mine is, in my opinion, an improvement.

Similar letters of reference indicate corresponding parts.

a is the circular hammer. *b* is the convex serrated face. *c* is the elongated upper handle. *d* is the lower handle, constructed as usual. *e* and *f* are the upper and lower jaws, respectively,

constructed as usual. *h* is that portion of the upper jaw which is serrated in substantially the same manner as the surface *b*.

Many workmen prefer to strike with the upper jaw rather than turn the pincers over and strike with the hammer *a*. The serration *h* is to accommodate this large class of workmen.

I do not confine myself to the exact location of the serration *h* shown in the drawing, but propose to place it in the most convenient part of the convex side of the upper jaw, which will be found by experience.

I do not claim as my invention any portion of the hammer *a*; neither do I claim anything new in connection with the handles *c d*.

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

The combination of the serration *h* with the upper jaw *e*, as and for the purpose hereinbefore set forth.

Witnesses: ARTHUR CLARKE.
HENRY W. WILLIAMS,
B. W. WILLIAMS.