

H. HAMMOND.
Hammer.

No. 204,665.

Patented June 11, 1878.

Fig. 1.

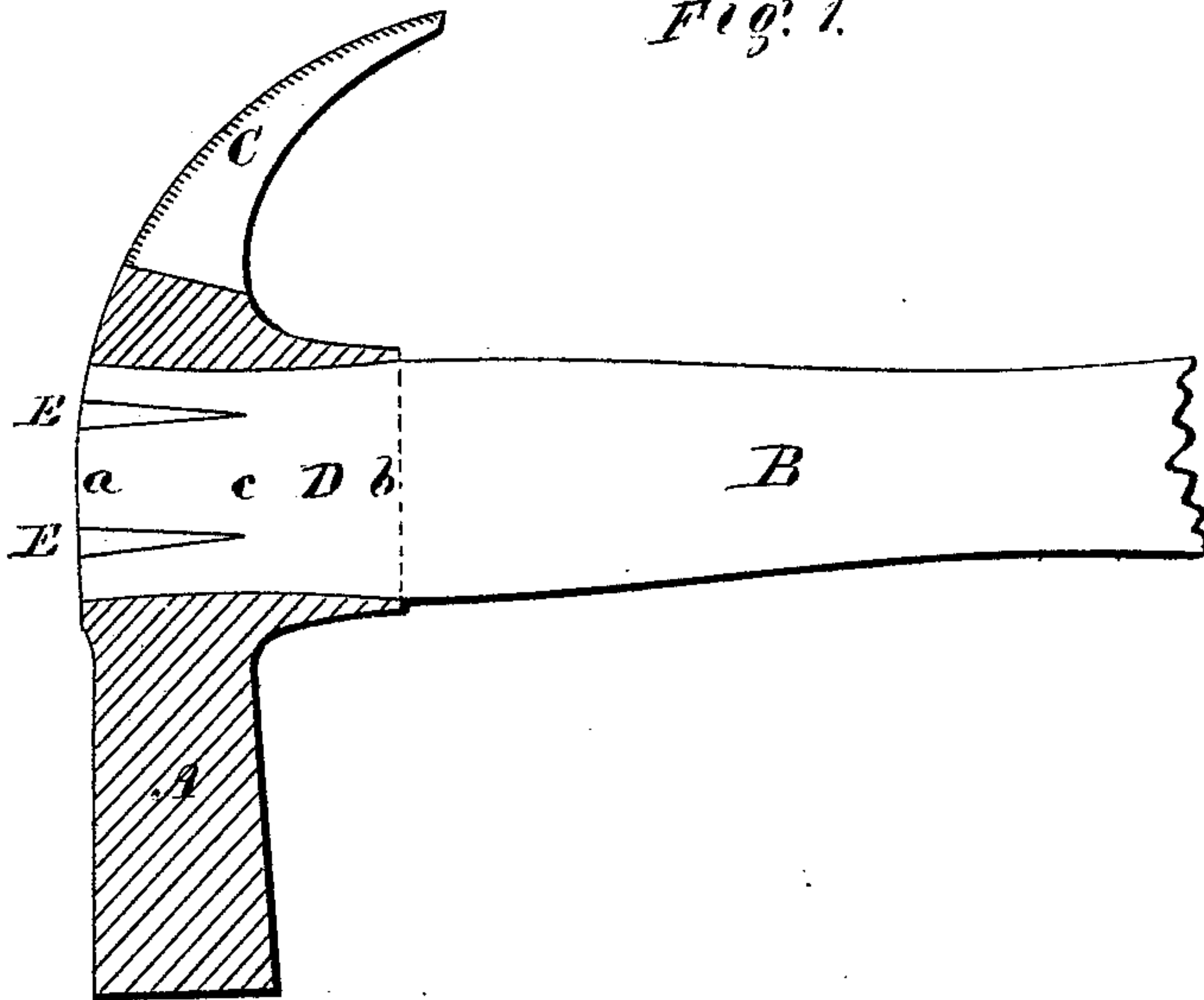
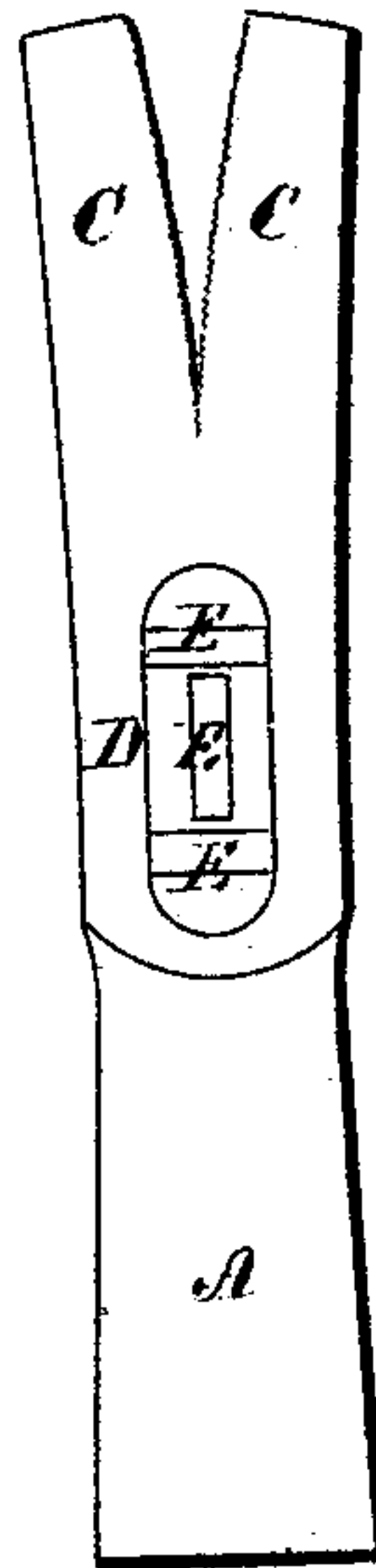


Fig. 2.



Witnesses.

George T. Stone

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UNITED STATES PATENT OFFICE.

HENRY HAMMOND, OF HARTFORD, CONNECTICUT, ASSIGNOR TO HORACE CORNWALL, OF SAME PLACE.

IMPROVEMENT IN HAMMERS.

Specification forming part of Letters Patent No. **204,665**, dated June 11, 1878; application filed March 7, 1878.

To all whom it may concern:

Be it known that I, HENRY HAMMOND, of Hartford, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Hammers, of which the following is a specification:

My improvement relates chiefly to that class of hammers known as "claw-hammers," although part of my invention is equally applicable to other forms of hammers and similar tools.

The object of my improvement is to provide a claw that will take hold of nails the heads of which have been broken off, and hold them more securely while they are being drawn than can be done with the claws now in use.

My invention consists in serrating the holding-edges of the claw.

In the accompanying drawings, Figure 1 shows a section through the middle of the head of the hammer, with part of the handle lying in the eye or socket, showing how it is wedged in its place. Fig. 2 is an end view of the hammer, showing the claw and its serrations.

A is the head of the hammer. B is the handle. C is the curved claw, which has two converging edges, into which the end of the nail to be drawn is passed in the usual manner. These edges are formed in the usual manner, except that they are serrated, so as to more firmly gripe a nail and prevent it from slipping out. I prefer to make these serrations tolera-

bly fine, something in the manner of an ordinary file. They may be made single, or the lines may be hatched or crossed, the principal object being to create a sufficient roughness or "bite" to hold the shank of a nail independently of its head.

D is the eye or socket, into which the handle is inserted. This is made of about the same size or diameter at the outer and inner ends *a* and *b*, but is contracted in the middle at *c*, the interior not being of a true taper throughout, as usually constructed, but largest at the ends and contracted at the middle, as shown in the drawing. By means of this form of eye the handle is held securely in the head, while at the same time the flare at the rear portion of the socket prevents the forcible contraction and breaking of the fibers of the wood just where it enters it, and allows of a somewhat taper handle being driven into its bearing before it is wedged. After the handle is driven into the head the wedges E are inserted in the usual manner to hold it in its place and prevent the head from being drawn off.

What I claim as my invention is—

The claw C, provided with serrations, substantially as and for the purpose herein described.

HENRY HAMMOND.

Witnesses:

THEO. G. ELLIS,
JOHN T. PETERS.