

E. A. ELY.
HAMMER.

No. 177,386.

Patented May 16, 1876.

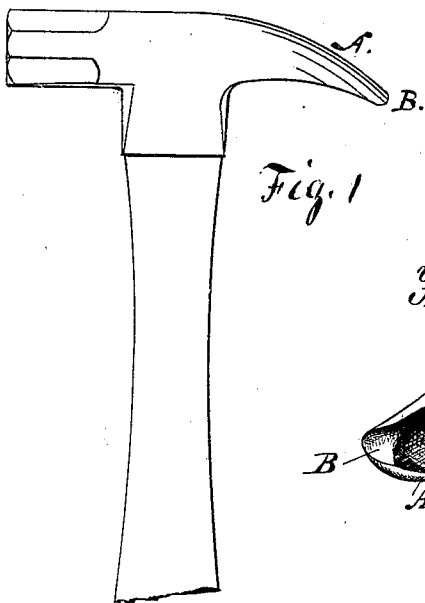


Fig. 1

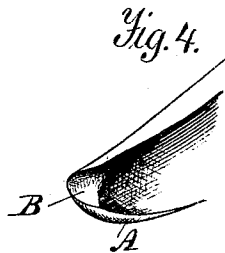


Fig. 4.

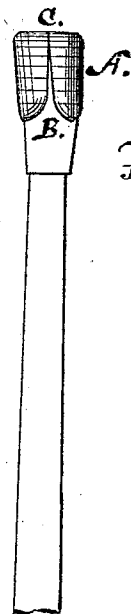


Fig. 2

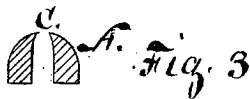


Fig. 3

Witness
Horace Harris
Thos. W. Ely

Inventor
Eugene A. Ely

UNITED STATES PATENT OFFICE.

EUGENE A. ELY, OF MADISON, NEW JERSEY, ASSIGNOR OF ONE-HALF HIS
RIGHT TO WILLIAM F. ELY, OF SAME PLACE.

IMPROVEMENT IN HAMMERS.

Specification forming part of Letters Patent No. **177,386**, dated May 16, 1876; application filed
December 7, 1875.

To all whom it may concern:

Be it known that I, EUGENE A. ELY, of Madison, in the county of Morris and State of New Jersey, have invented a certain Improvement in Hammers, of which the following is a specification:

My invention consists in the construction of the claws of a hammer so that they will cut and clear a passage down by the sides of a nail, and draw it out when the head has been driven into the wood.

Figure 1 is a side view of a hammer with these claws attached. Fig. 2 is a front view of the same. Fig. 3 is a cross-section on the line of *ee*. Fig. 4 is a perspective view, on an enlarged scale, of one of the claws, showing the construction of the gouge-point.

The claws on hammers and other tools are a common device, but, so far as I know, they can be used only when the head of a nail appears above the surface. To remedy this defect is the object of my invention; and to this end I make the face A of the claws cylindrical, or with an oblique angle from the crease, instead of flat, like those in common use.

The points B of the claws are made in the shape of a gouge, and are made sharp, so that they will readily cut away the wood on either

side of a nail, and allow the claws to catch under the head of it, no matter if at some distance below the surface.

The inner edges C of the face of the claws are made sharp, so that, if a nail is without a head, these sharp edges will cut into the sides of the nail and draw it the same as though it had a head.

These claws are readily connected with a hammer in the place of the ordinary claws, but they are not confined to this relation, for they may be variously used, as on the end of a bar or lever, the same principles being preserved of the cylindrical face, the gouge-points, and cutting or sharp inside edges of the claws.

With this tool any board or cover of a box may be readily removed with no other help, and the cover be preserved, without splitting, for further use.

I claim—

A hammer, having claws terminating in gouge-points, substantially as and for the purpose specified.

EUGENE A. ELY.

Witnesses:

HORACE HARRIS,
L. MCKIRGAN.