

W. W. CASTLE.
Hammers for Dressing Stone.

No. 158,467.

Patented Jan. 5, 1875.

Fig. 1.

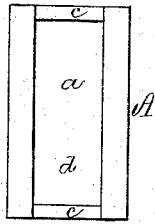


Fig. 2.

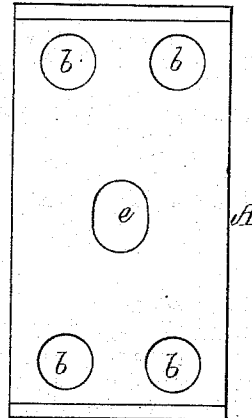


Fig. 3.

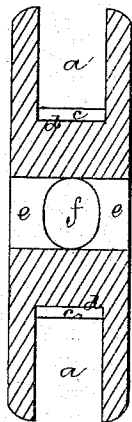
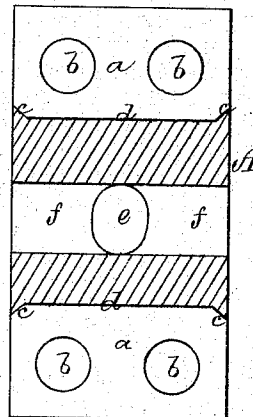


Fig. 4.



Witnesses.

S. N. Piper

L. W. Hollen

William W. Castle.

by his attorney.

R. W. Eddy

UNITED STATES PATENT OFFICE.

WILLIAM W. CASTLE, OF BELFAST, MAINE.

IMPROVEMENT IN HAMMERS FOR DRESSING STONE.

Specification forming part of Letters Patent No. **158,467**, dated January 5, 1875; application filed December 9, 1874.

To all whom it may concern:

Be it known that I, WILLIAM W. CASTLE, of Belfast, in the county of Waldo, of the State of Maine, have invented a new and useful Improvement in Hammers for Dressing Stone; and do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a top view, Fig. 2 a side view, and Figs. 3 and 4 longitudinal sections, of a hammer-head provided with my invention, which relates to the head formed with one or two recesses, each of them being for receiving and holding, by means of screws and nuts, a series of dressing chisels or cutters.

In the drawings, the chisel-holding recesses of the head A are represented at *a a*, *b b* being the holes for the passage of the holding-screws through said recesses. In carrying out my invention I apply to each of the recesses two lips, *c c*, projecting from its bottom *d*, and arranged therewith in manner as shown, their purpose being to prevent the heads of the chisels or cutters from "upsetting," and, as a consequence, causing the holding-screws to be bent or injured while the hammer is in use. They are also advantageous in other respects. The hammer-head I also provide with two eyes, *e f*, arranged at right angles with, and so as to cross, one another, all being as represented. As usually made, the hammer-heads

have but one eye for reception of the handle, such eye going down through the middle of the head.

By providing the head with an auxiliary eye at its middle, one going laterally through it and crossing the main eye, not only can the handle be used in either of them, whereby the hammer may be often worked to better advantage than if it had but one eye, but each eye affords, with respect to the other, the opportunity of passing a key through it and a notch in the handle, for the purpose of holding, with the eye receiving such key, the handle in the other eye, so as to effectually prevent the head from working loose and flying off the handle while the hammer may be in use.

The hammer-head I usually make solid, or of one piece or block of metal. It may be of cast or wrought iron or steel.

I claim as my invention—

1. In a hammer for dressing stone, the head A, provided with the lips *c c*, arranged with each of its cutter-holding recesses *a*, as and for the purpose set forth.

2. The head as provided with the two handle-eyes *e f* arranged in it, and to cross each other, all substantially as specified.

WM. W. CASTLE.

Witnesses:

J. S. HARRIMAN,

GEORGE F. HARRIMAN.