C. R. Elmer,

Millstone Pick.

No. 51,030. Patented Nov. 21, 1865.

Fig. 2.

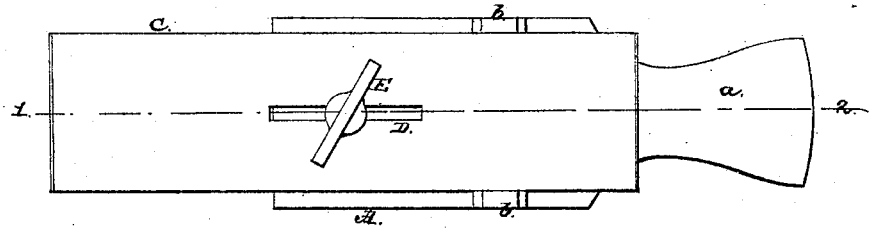


Fig. 3.

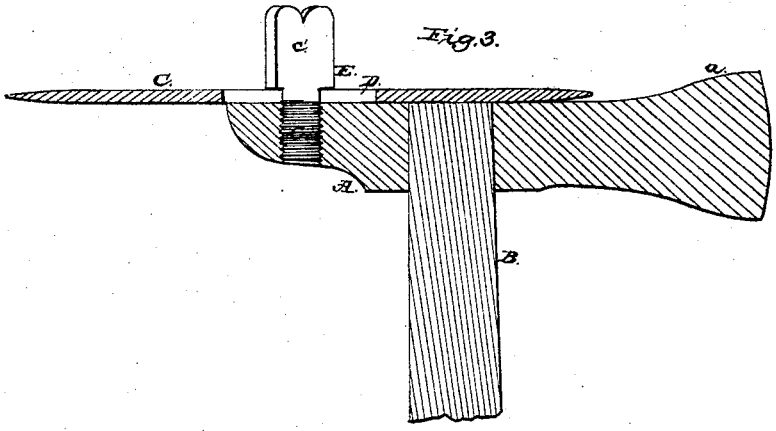
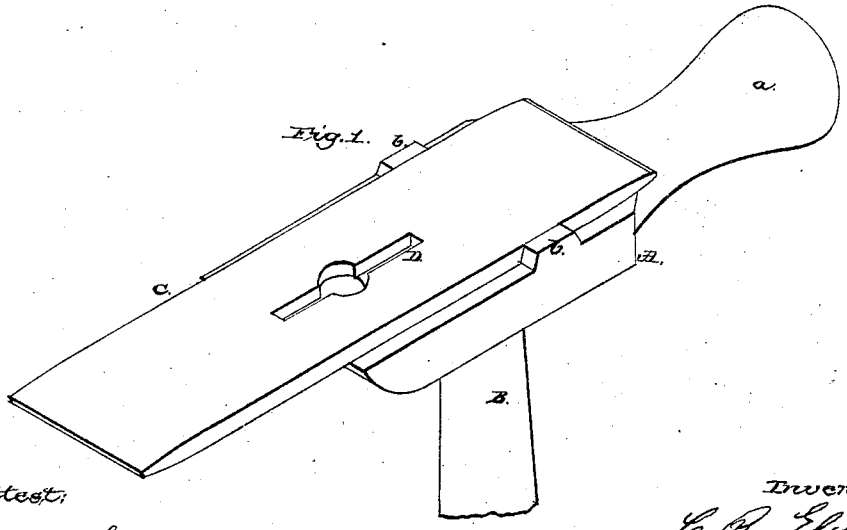


Fig. 1.



Attest:

Wm. Albert Steel.

John Parker.

Inventor:

C. R. Elmer

By his Atty

H. Howson

UNITED STATES PATENT OFFICE.

CHARLES R. ELMER, OF BRIDGETON, NEW JERSEY.

IMPROVED MILLSTONE-PICK.

Specification forming part of Letters Patent No. **51,030**, dated November 21, 1865.

To all whom it may concern:

Be it known that I, CHARLES R. ELMER, of Bridgeton, Cumberland county, New Jersey, have invented an Improvement in Picks for Dressing Millstones; and I do declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention consists of a metal head having certain lugs and a thumb-screw combined with a double-edged cutter adapted to the head and screw, substantially as described hereinafter, the whole forming a cheap, simple, and efficient instrument for dressing millstones.

In order to enable others to make and use my invention, I will now proceed to describe its construction and operation.

On reference to the accompanying drawings, which form a part of this specification, Figure 1 is a perspective view of my improved millstone-pick; Fig. 2, a plan view; and Fig. 3 a section on the line 1, 2, Fig. 1.

A is a metal block or head, which is secured to a handle, B, and from one end of which extends a projection, *a*, of the shape illustrated or of any other shape which may be deemed appropriate, as the main object of this portion of the head is to increase its weight. The upper side of the head A is flat, and near each edge is a lug or flange, *b*, a steel plate or cutter, C, (properly sharpened at the opposite ends,) resting on the flat portion of the head, and fitting snugly between the said lug.

In the middle of the plate C is an elongated opening, D, of the form seen in Fig. 1, this opening being enlarged at a point midway between the opposite ends for receiving the stem *e* of the thumb-screw E, which screws into the head A, and the head *c'* of which bears against the steel cutter G.

It will be observed that the cutter is held firmly in its place by the screw E and the lugs *b b*, the screw sustaining the full force of the blow.

When one edge of the cutter becomes dull it can be readily detached and reground and as readily readjusted to the head, and when one end of the cutter has been worn away by repeated sharpenings it can be easily reversed and the opposite end used.

It will be evident that the instrument is of the most cheap and simple character, the head being a plain block of cast-iron, to which it is unnecessary to impart any finish.

I do not desire to claim the head *a*, as the same has been heretofore used; but

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

The head A, with its lugs *b b* and thumb-screw E, in combination with the cutter C, constructed and adapted for attachment and adjustment to the head and screw, substantially as described, for the purpose specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHAS. R. ELMER.

Witnesses:

CHARLES E. FOSTER,

E. P. DELANEY.