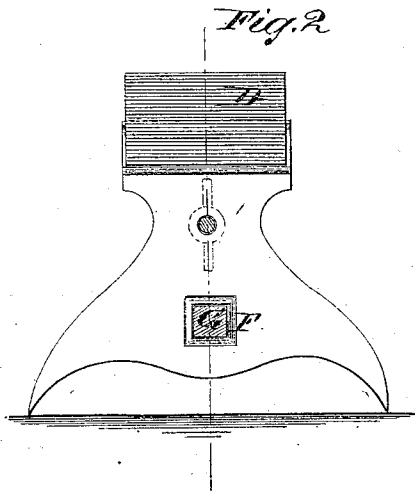
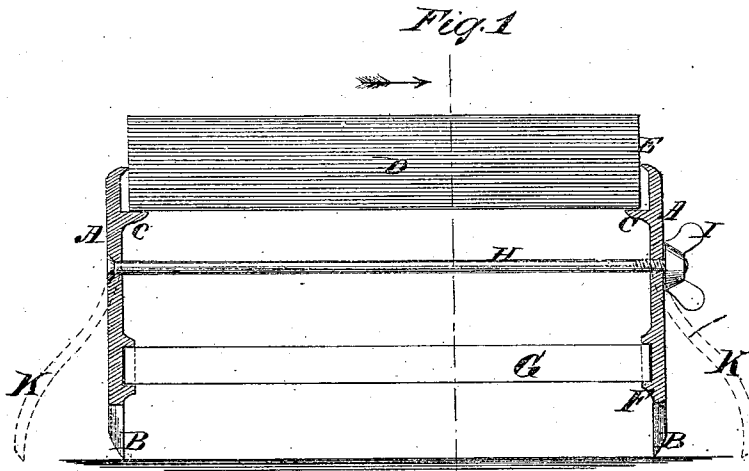


H. Brown Oil Stone Holder

102218

PATENTED APR 26 1870



Witnesses:
John Decker
S. S. Mabe

Inventor:
H. Brown
PER *Wm. H. [Signature]*
Attorneys.

UNITED STATES PATENT OFFICE.

HOMER BROWN, OF HAMILTON, ILLINOIS.

IMPROVEMENT IN OIL-STONE HOLDERS.

Specification forming part of Letters Patent No. 102,218, dated April 26, 1870.

To all whom it may concern:

Be it known that I, HOMER BROWN, of Hamilton, in the county of Hancock and State of Illinois, have invented a new and useful Improvement in Oil-Stone Holder; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings forming part of this specification.

This invention relates to improvement in holders for oil-stones; and consists of a pair of cast-metal plates, with pointed feet to use on the bench so as not to slip, arranged to clamp the ends of the stone at the top, and provided with a clamping-rod and screw between the top and bottom, and a brace below the rod, to cause the clamping force on the ends of the stone when the plates are secured up to the ends of the stone and the brace by the rod and its nut. The said plates are provided with flanges for the bottom of the stone to rest on, and sockets for confining the ends of the brace, all as hereinafter more fully described.

Figure 1 is a longitudinal sectional elevation of my improved oil-stone holder, and Fig. 2 is a transverse section of the same.

Similar letters of reference indicate corresponding parts.

A represents the clamping-plates, to be made

of cast-iron or other suitable substance, and have pointed feet B to adhere to the bench whereon the holder is to stand, so as not to slip when using. They are provided with flanges D near the top, for the bottom of the stone to rest on, and projecting lips or edges E, to be pressed against the ends of the stone to hold it firmly in place. They also have sockets at F, for the reception of the ends of the brace G. H is the clamping-rod, passing through the plates between the stone and the brace, to be screwed up by a nut, I, to clamp the whole together, securely holding the stone in place.

To prevent the holder from tilting at the ends when whetting thereat, the plate may be curved outward, as shown at K in dotted lines; and, in case the stone is thin and weak, a plate may be introduced between the stone and flanges C to support it.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

An oil-stone holder composed of the clamping-plates A, brace G, clamping-rod H, and nut I, all arranged for clamping the stone at the side, substantially as specified.

HOMER BROWN.

Witnesses:

BENJN. PIERCE,
W. R. WOOD.