

J. SEE.
Millstone-Staff.

No. 168,419.

Patented Oct. 5, 1875.

Fig: 1.

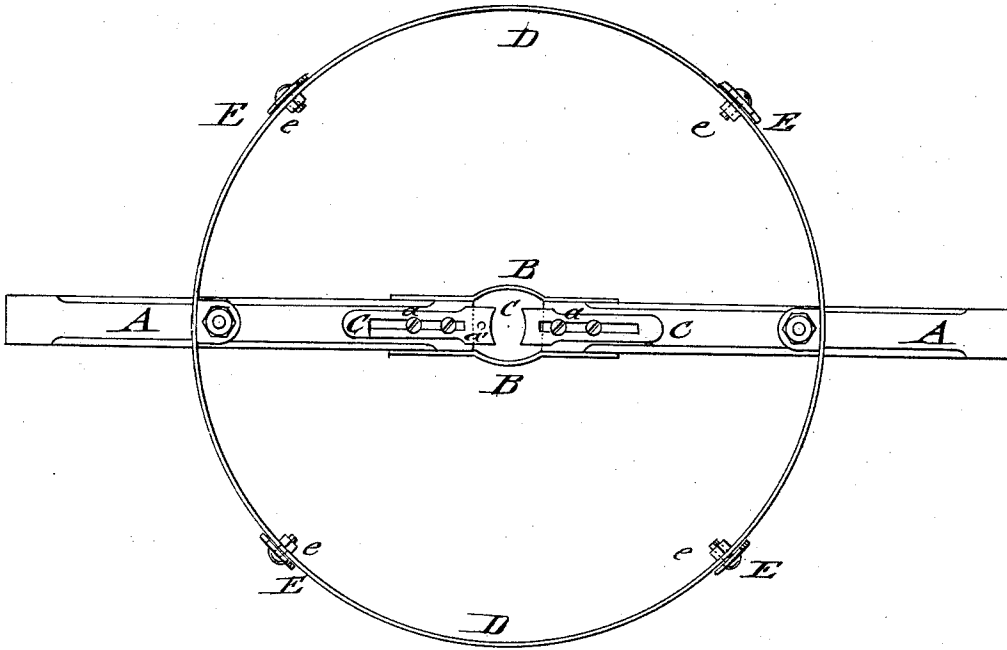
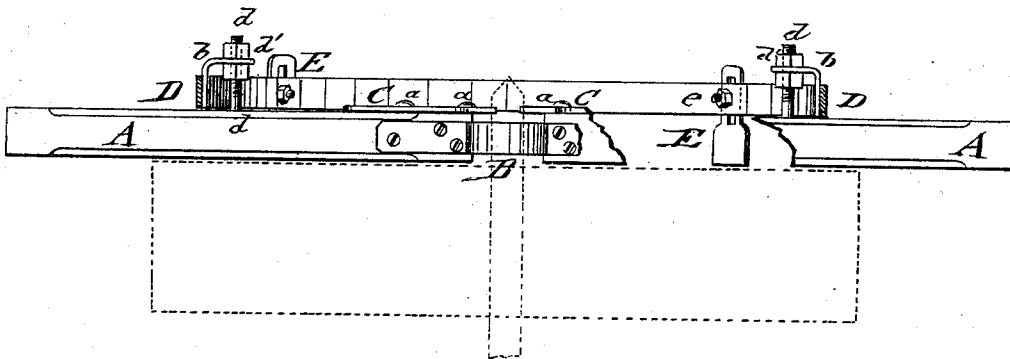


Fig: 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JAMES SEE, OF ST. LOUIS, MISSOURI.

IMPROVEMENT IN MILLSTONE-STAFFS.

Specification forming part of Letters Patent No. **168,419**, dated October 5, 1875; application filed July 31, 1875.

To all whom it may concern:

Be it known that I, JAMES SEE, of St. Louis, in the county of St. Louis and State of Missouri, have invented a new and Improved Millstone-Staff, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a top view, and Fig. 2 a sectional side view, of my improved millstone-staff.

Similar letters of reference indicate corresponding parts.

My invention relates to an improvement in millstone-staffs, by which the bed-stone and runner may be readily staffed for being dressed; and the invention consists of a diametrical staff, with a central opening and adjusting device to fit the spindle of bed-stone or pin of runner, the staff being hung to a circular hoop, with slotted adjustable guide-pieces or bearers at its circumference.

In the drawing, A represents the staff, which extends diametrically across the stone, and is made of two pieces of wood, that are centrally connected by curved iron straps or bands B, providing space for the spindle. The staff A has near its open central part slotted adjustable top pieces C, that slide along guide and clamp screws *a*, and fit, by their curved inner ends, to the spindle of the bed-stone. One of these pieces C is provided with a perforation, *a'*, near its inner end, into which a pin set centrally in a wooden block of the runner is placed, to allow the use of the staff with the same facility on the runner as on the bed-stone.

In using the staff on a runner-stone the slide-pieces are brought together, so as to cause the perforation *a'* to receive the pin temporarily applied to the runner as a center upon which the staff turns.

The staff A is suspended from lugs *b* of a circular hoop, D, by means of screw-bolts *d* and nuts *d'*, which allow the adjustment of the staff to the required height.

A suitable number of slotted vertical guide-pieces or bearers, E, are arranged at diametrically-opposite points of hoop D, and adjusted by clamp-screws *e* to a level with the marking surface of the staff, or slightly below the same, according to the condition of the face of the burr.

The principal object of the adjustable pieces E is to maintain the staff proper in a horizontal position by causing said pieces to run on the top surface of the stone.

When the staff is adjusted to the spindle and the surface of the burr, the same is revolved until the burr is sufficiently marked or painted.

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

The iron hoop provided with four adjustable surfacing-points, arranged as shown and described, to support the traversing level when marking high places on surface of burr.

JAMES SEE.

Witnesses:

F. L. GARESCHÉ,
W. L. SEE.