

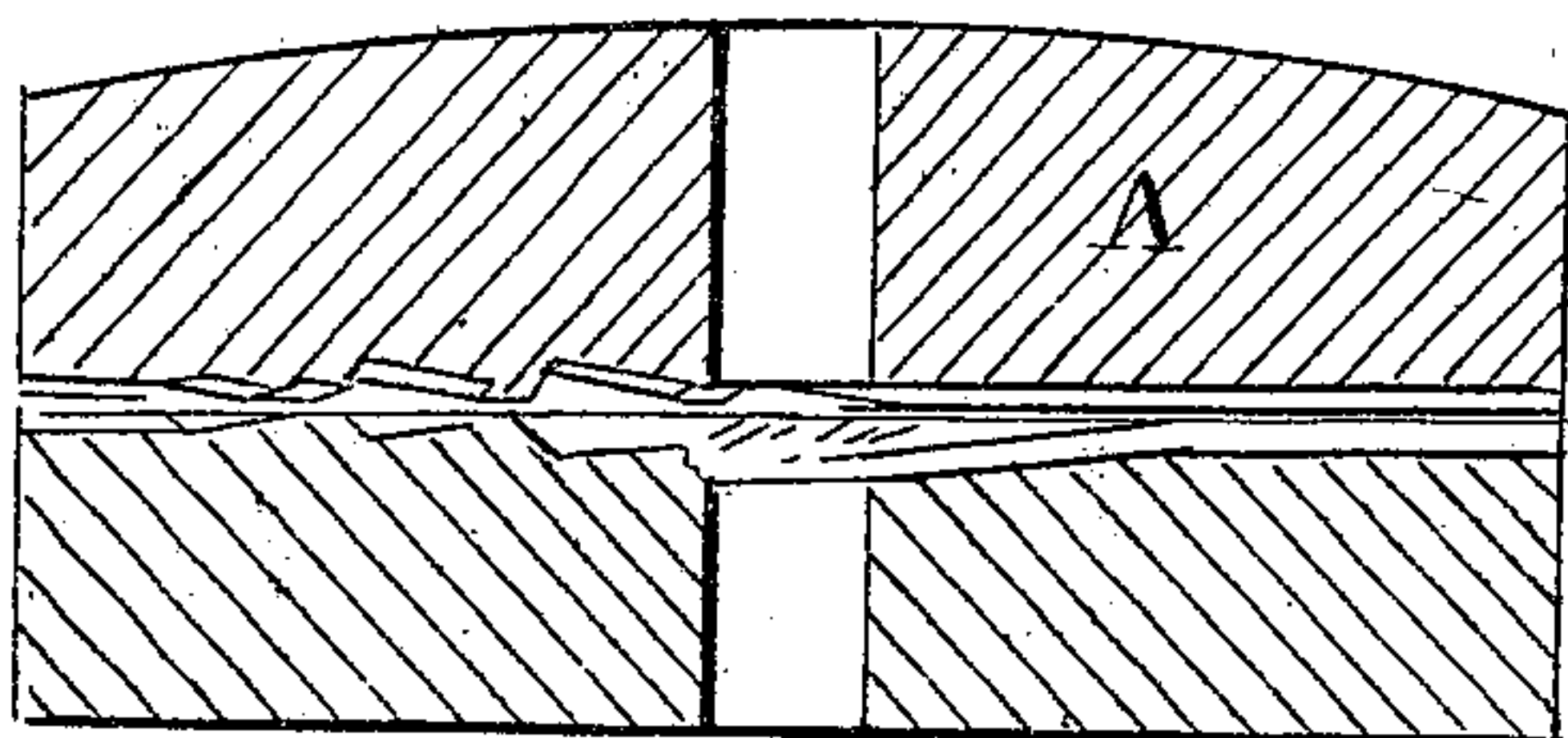
N. W. Wortham, Imp^d

Mode of dressing Mill Stones.

Assigned to Self, J. C. Hendry, M. L. Watson & P. W. Printapn

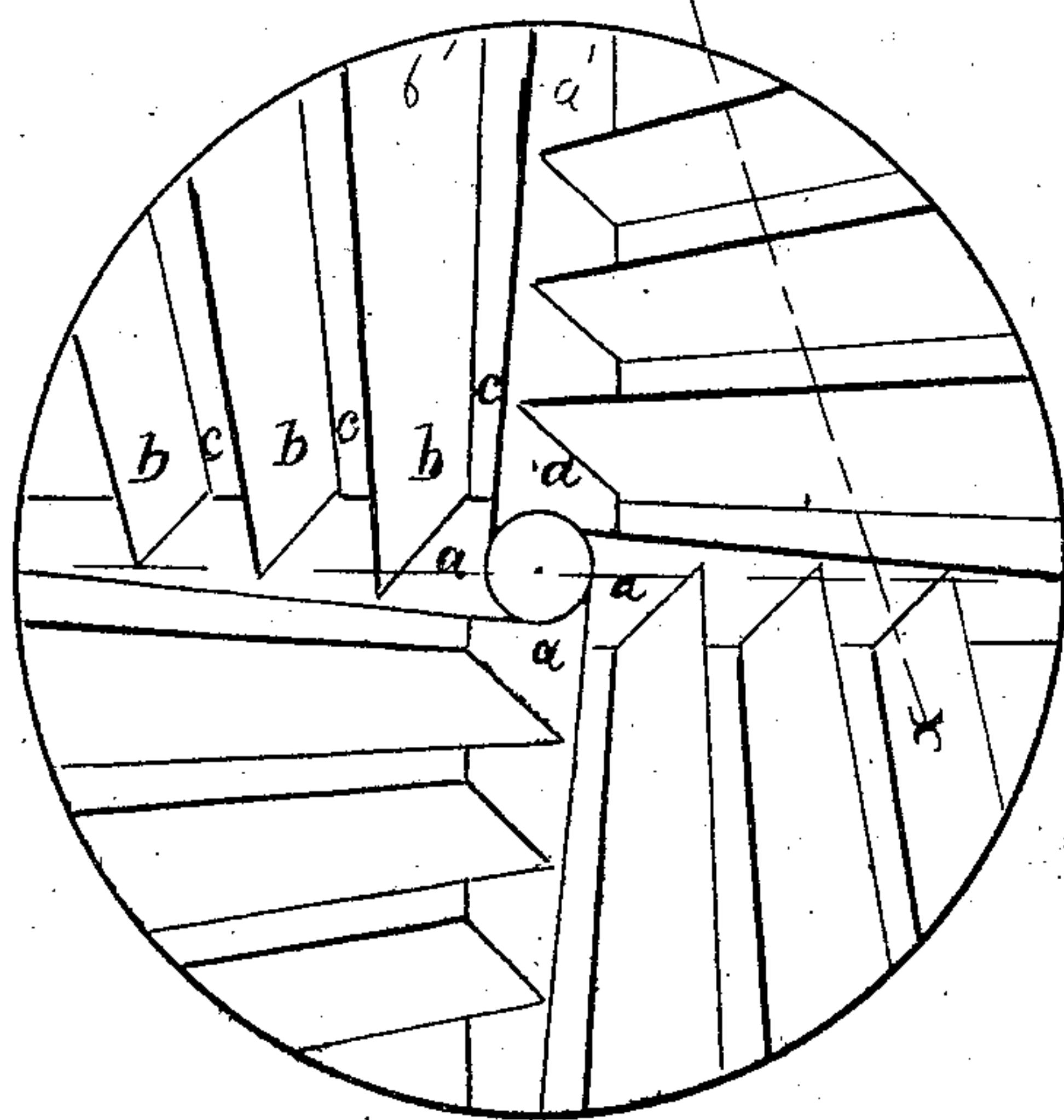
72256

Fig. 1.



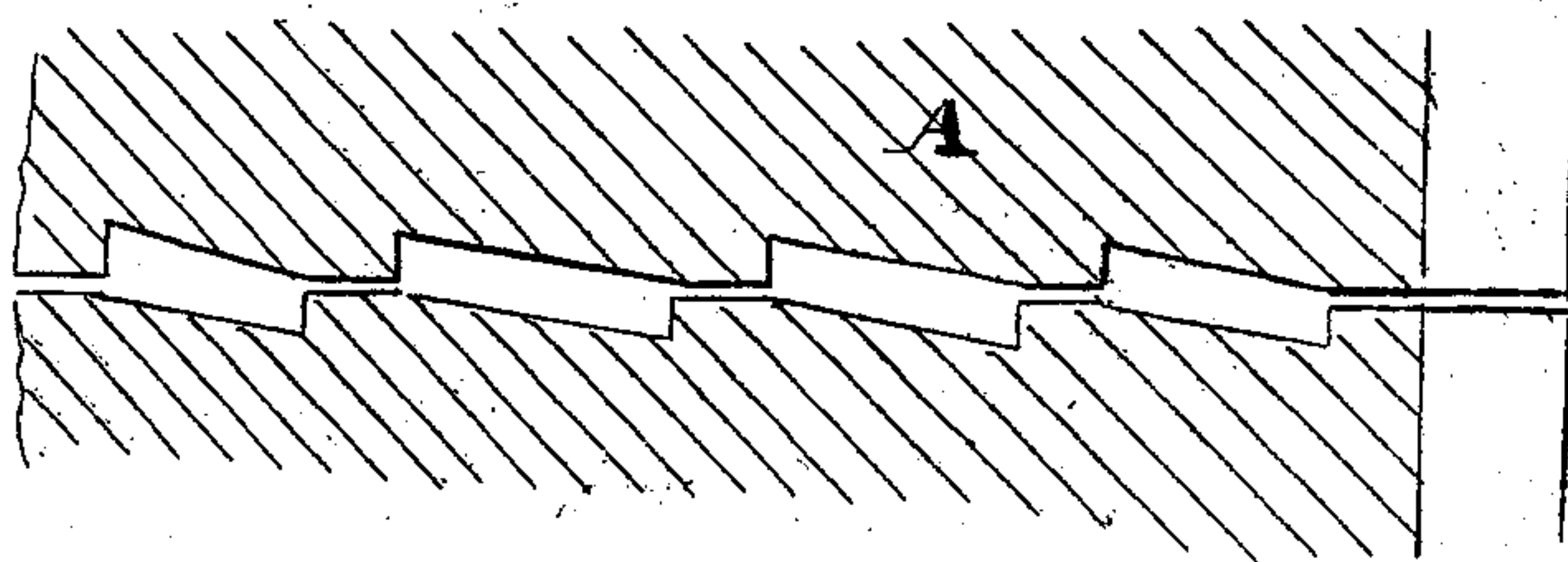
PATENTED
DEC 17 1867

Fig. 2.



Inventor:
N. W. Wortham
Per Munnif
Attorney

Fig. 3.



Witnesses
Thos. Insehe
W. Fourn

United States Patent Office.

NOTLEY W. WORTHAM, OF UNION POINT, GEORGIA, ASSIGNOR TO HIMSELF, T. C. HENDRY,
M. L. WATSON, AND P. W. PRINTUP, OF SAME PLACE.

Letters Patent No. 72,256, dated December 17, 1867.

IMPROVED MILLSTONE DRESS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, NOTLEY W. WORTHAM, of Union Point, in the county of Greene, and State of Georgia, have invented a new and useful Improvement in Mode of Dressing Millstones; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a central vertical section of the bed-stone and runner, as placed relatively to each other for grinding.

Figure 2 is a face view of the dressing on either stone.

Figure 3 is a cross-section, taken in the line *xx*, fig. 2.

Similar letters of reference indicate corresponding parts.

This invention relates to an improved mode of dressing millstones for grinding Indian corn and other grain, whereby there is a large gain in the grinding capacity of the stones over the ordinary methods of dressing the stones, and a superior quality of meal is produced.

This improvement in the mode of dressing millstones consists in the manner of laying out the furrows and graduating the face of the stones, and regulation of the draught upon simple and effective plans, for securing thorough grinding and rapid movement of the grain through the stones without mashing or heating. The guiding principles in dressing or laying out the furrows are, making the master-furrows *aa*, which divide the face of either stone into quarter sections, one-third wider at the centre than the circumference of the stone, and each cross-furrow, *bb*, one-third wider at the outer end than at its intersection with the leading furrow, as shown in the drawing. These principles of dressing are applied alike to the runner and the bed-stone.

Another feature of my improved mode of dressing is, making the land *c* one-third of the width of the furrow, and in this proportion from end to end of such furrow. The face of the upper stone or runner A, fig. 1, is cut one-eighth of an inch deeper at the centre than the circumference, so that the slope or incline shall be gradual from the eye outward. For a four-foot stone the draught will be four and a half inches, and in proportion for other sizes.

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

The improved millstone dress, consisting of the four furrowed sections at right angles to each other, in the manner described and for the purpose specified.

NOTLEY W. WORTHAM.

Witnesses:

G. T. NORMAN,

R. B. SMITH.