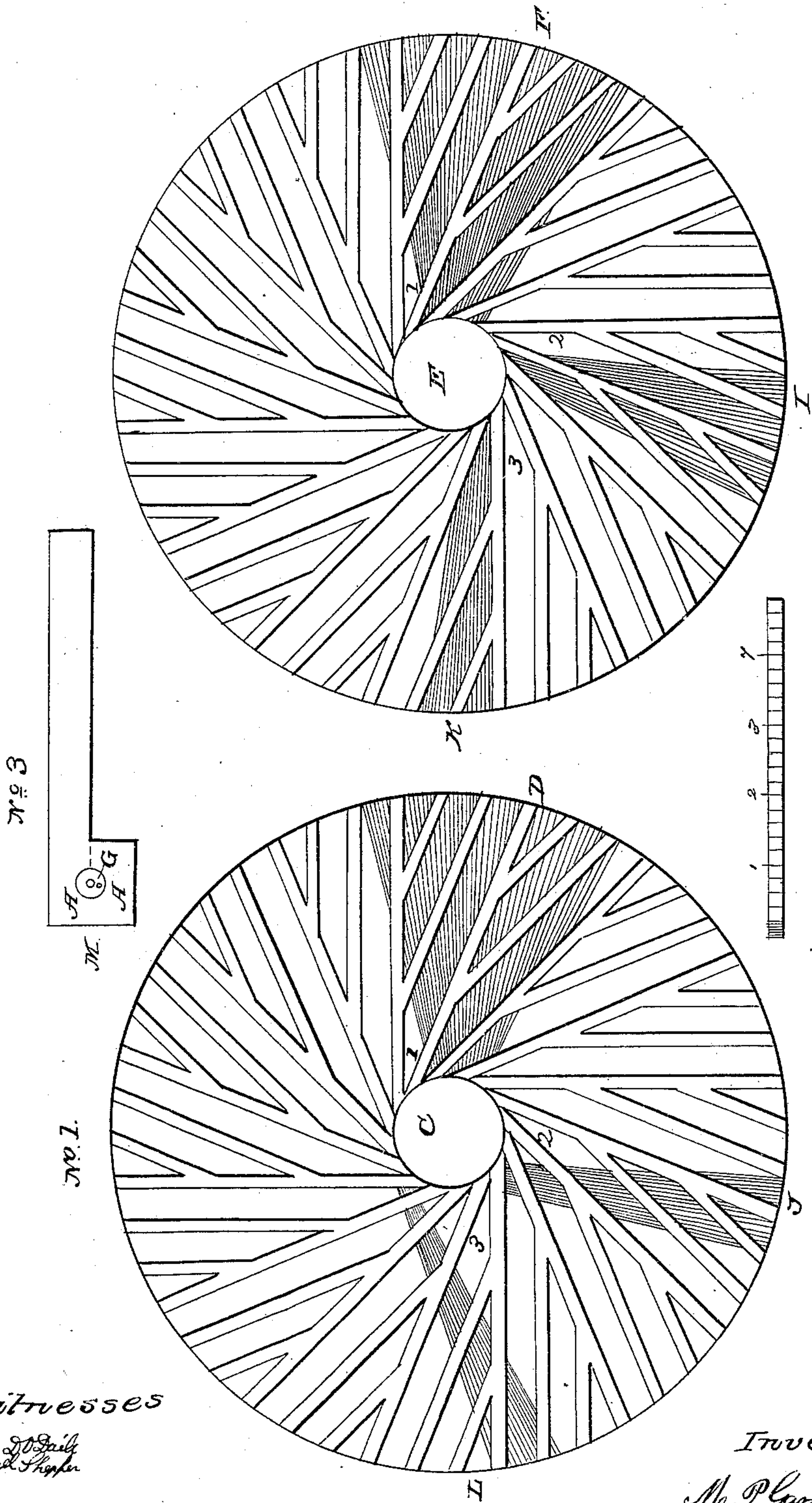


M. P. GARDNER.  
Millstone Dress.

No. 34,054.

Patented Jan. 7, 1862.



Witnesses  
*Edw. G. Smith*  
*David H. Taylor*

Inventor  
*M. P. Gardner*

# UNITED STATES PATENT OFFICE.

M. P. GARDNER, OF HUNTINGTON, INDIANA.

## IMPROVEMENT IN MILLSTONE-DRESSING.

Specification forming part of Letters Patent No. **34,054**, dated January 7, 1862.

*To all whom it may concern:*

Be it known that I, MICHAEL P. GARDNER, of Huntington county, and State of Indiana, have invented a new and Improved Plan for Dressing Millstones; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in providing a rule whereby the lines of dressing on the bed-stone and runner may be cut parallel to each other, so as to perfectly coincide, thus cutting the grain in all parts alike, instead of being cut transversely, so as to come together like shears, cutting a part too fine and a part too coarse, as heretofore.

To enable others skilled in the art to make the ruler for and use my invention, I herewith describe its construction and operation.

The rule or straight-edge as seen in Figure 3 of diagram is made of wood about one inch thick, about four inches wide at B and eight inches wide at M, and from eighteen inches to three feet in length, according to the size of the stone.

A, G, and H are spindle-holes.

Fig. 1 represents the bed-stone; Fig. 2, the runner.

Place the rule No. 3 on the runner No. 2, with the point A on the spindle E, and then

by turning mark the lines F. Then turn over the rule No. 3 and place the same point A on the spindle C and draw the lines D, which lines F on the runner and D on the bed-stone will exactly coincide with each other, and instead of cutting upon the principle of shears, pushing the grain outward, as under the old method, will cut perfectly equal from center to circumference. When a greater draft is desired, place the point G on the spindle E, and, by turning, such lines as seen at I are drawn. Then reversing and placing same point G on C, the lines J are drawn, which in running will coincide, as before. For still greater draft, use the point or hole at H, cutting the lines K on No. 2 and L on No. 1.

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

The construction and use of the rule, as described and seen in Fig. 3 of drawings hereunto annexed, to determine and mark out for cutting parallel lines of dress, so that in running they may perfectly coincide one with the other, as to run more steadily and cut the grain evenly and uniformly.

November 1, 1861.

M. P. GARDNER.

Attest:

WILLIAM G. DUNLOP,  
JOHN B. CALDWELL.