

(No Model.)

B. C. LAMBETH.
Millstone Dress.

No. 238,405.

Patented March 1, 1881.

Fig. 1.

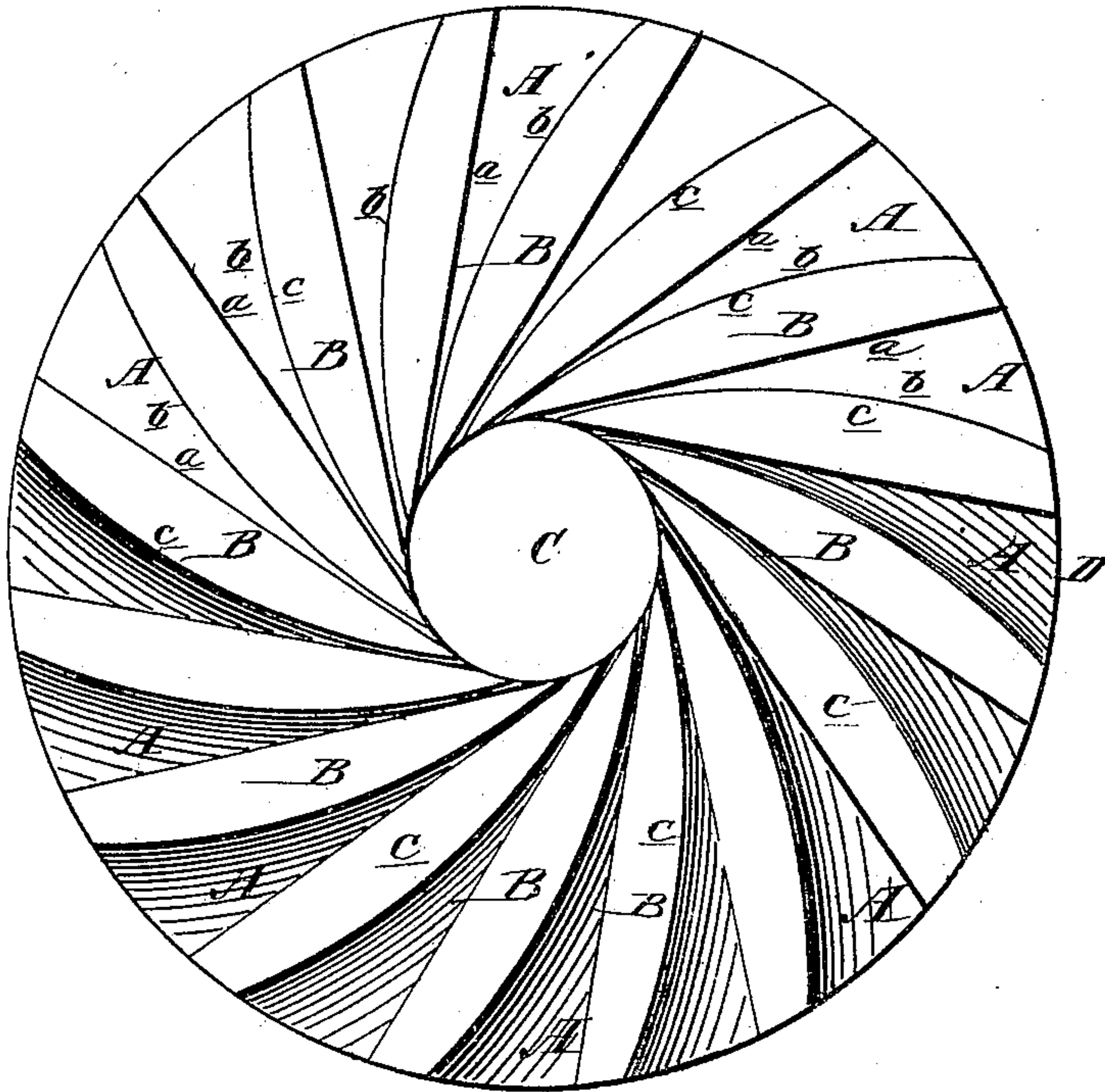


Fig. 2.

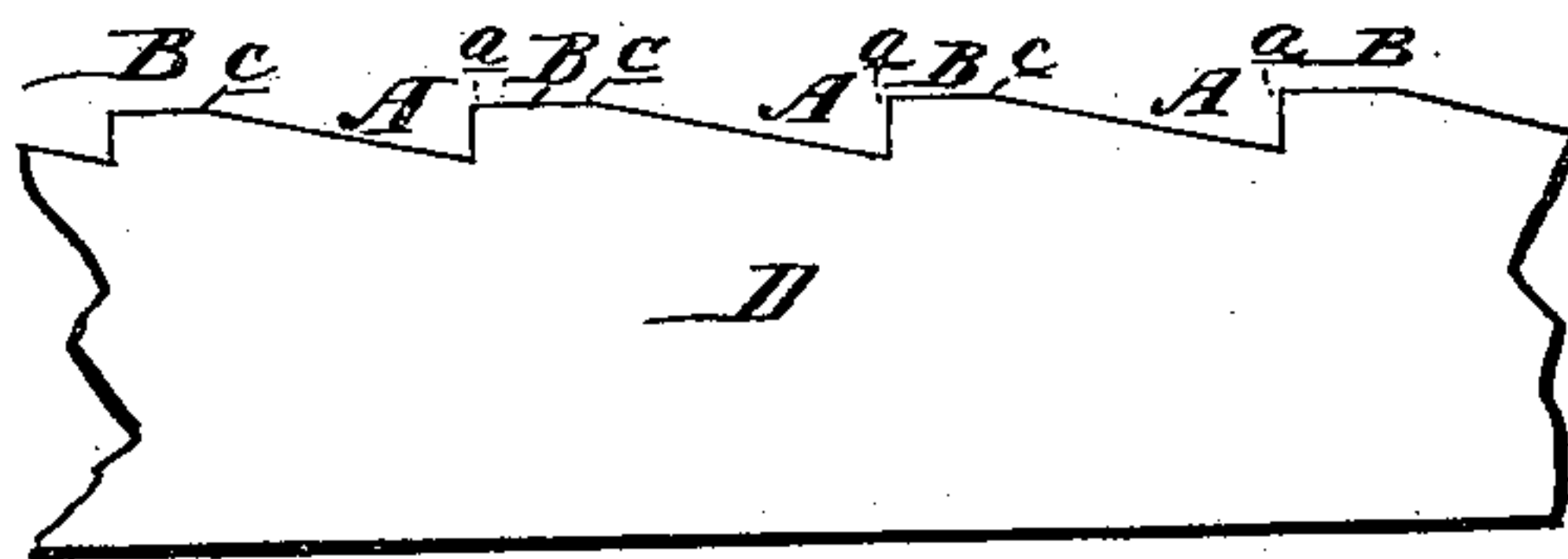
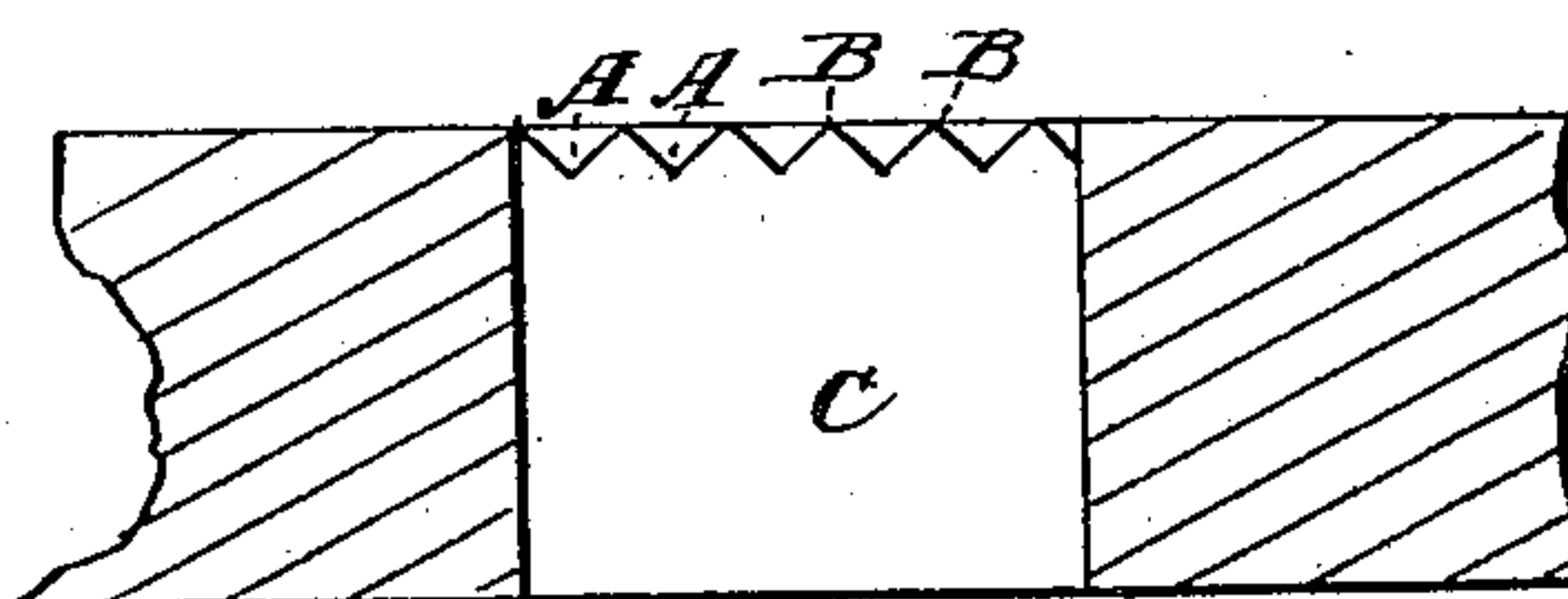


Fig. 3.



WITNESSES:

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BURRELL C. LAMBETH, OF THOMASVILLE, ASSIGNOR TO HIMSELF AND
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MILLSTONE-DRESS.

SPECIFICATION forming part of Letters Patent No. 238,405, dated March 1, 1881.

Application filed November 4, 1880. (No model.)

To all whom it may concern:

Be it known that I, BURRELL C. LAMBETH, of Thomasville, Davidson county, North Carolina, have invented a new and Improved Millstone-Dress, of which the following is a specification.

The object of this invention is to dress a millstone so that it will run with less friction at the skirt, will be less liable to heat or choke, and will grind faster and more evenly and keep in face longer than stones dressed in the ordinary way.

The invention consists in making the deep part of the furrows with straight edges and the feather-edge curved, thereby giving strong lands at those parts of the stone where the most of the grinding is done, and enabling the eye to take the feed of the grain more freely.

Figure 1 is a plan of a stone with the improved dress. Fig. 2 is a side elevation, showing the lands and furrows at the skirt of the stone; and Fig. 3 is a transverse sectional elevation, showing the lands and furrows at the eye.

Similar letters of reference indicate corresponding parts.

In the drawings, A represents the furrows, and B the lands. The furrows A have straight edges along their deeper parts, as shown at *a*, and concave edges, as shown at *b*, along their shallow parts, where they merge into the convex edges *c* of the lands B, whereby sharp-pointed lands B and V-shaped furrows A are

produced at the eye C of the stone, and broad sloping furrows A and narrow flat lands B at the skirt D of the stone. The furrows A, being made to rapidly widen from about midway of their length to the skirt D of the stone, form corresponding lands B, that are widest at about midway of their length, as shown.

The excess of furrow-surface and the slope of the furrows A at the eye C cause the stone to freely take the grain and distribute it gradually over the face of the stone, and the increasing width of the furrows A to the skirt of the stone is best adapted to the increasing fineness of the grain as it passes from eye C to skirt D.

By this dress a stone will wear more evenly in every part and grind faster and better than stones with the usual dress.

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

A millstone-dress made, substantially as herein shown and described, of the furrows A, having straight edges *a* along their deeper parts and concave edges *b* along their shallower parts, and widening from eye to skirt with the lands B, having straight and convex edges, and widening from eye and skirt toward their centers, as set forth.

BURRELL C. LAMBETH.

Witnesses:

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