

(No Model.)

J. R. PRICE.
MILLSTONE DRESS.

No. 314,977.

Patented Mar. 31, 1885.

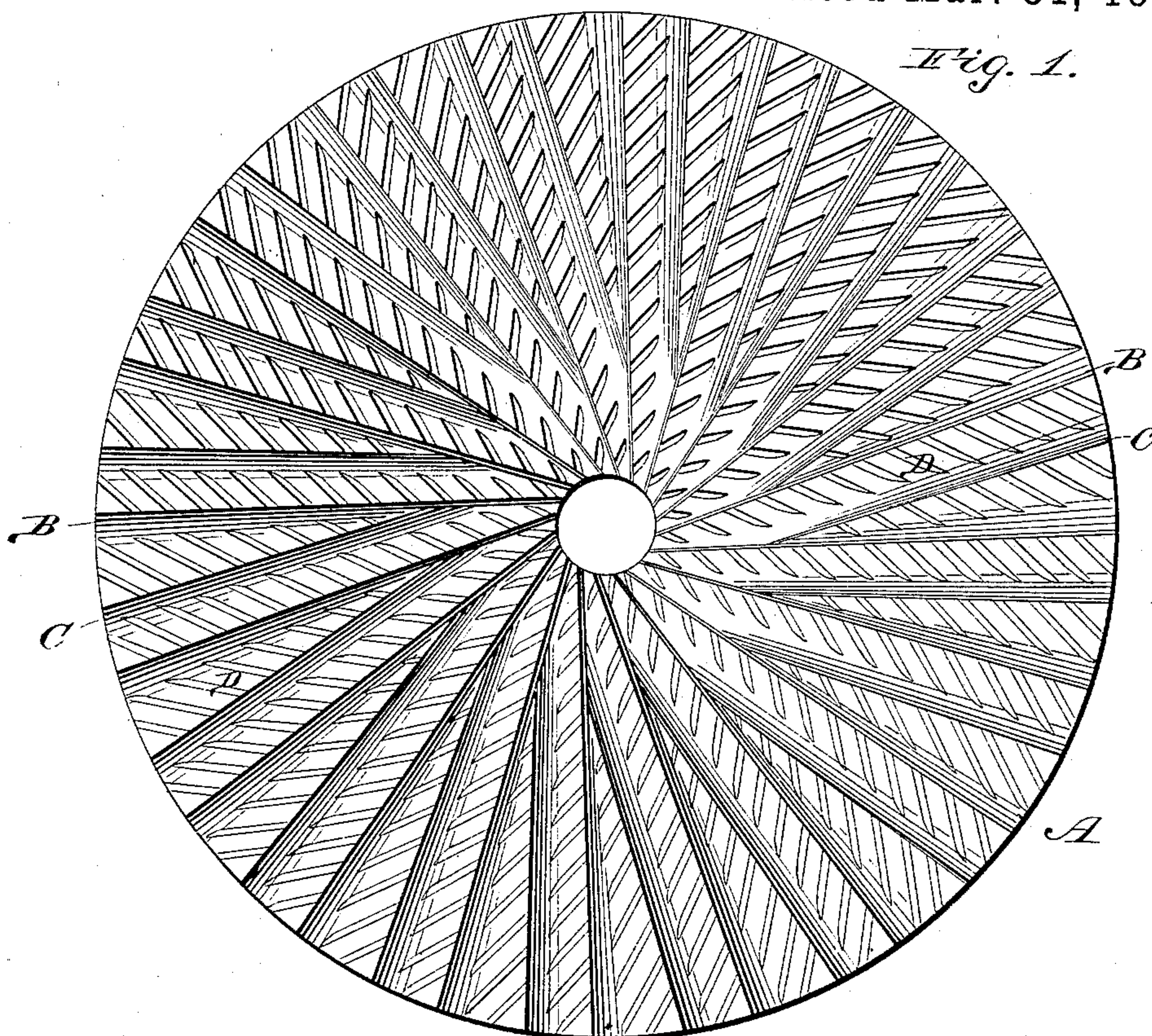


Fig. 1.

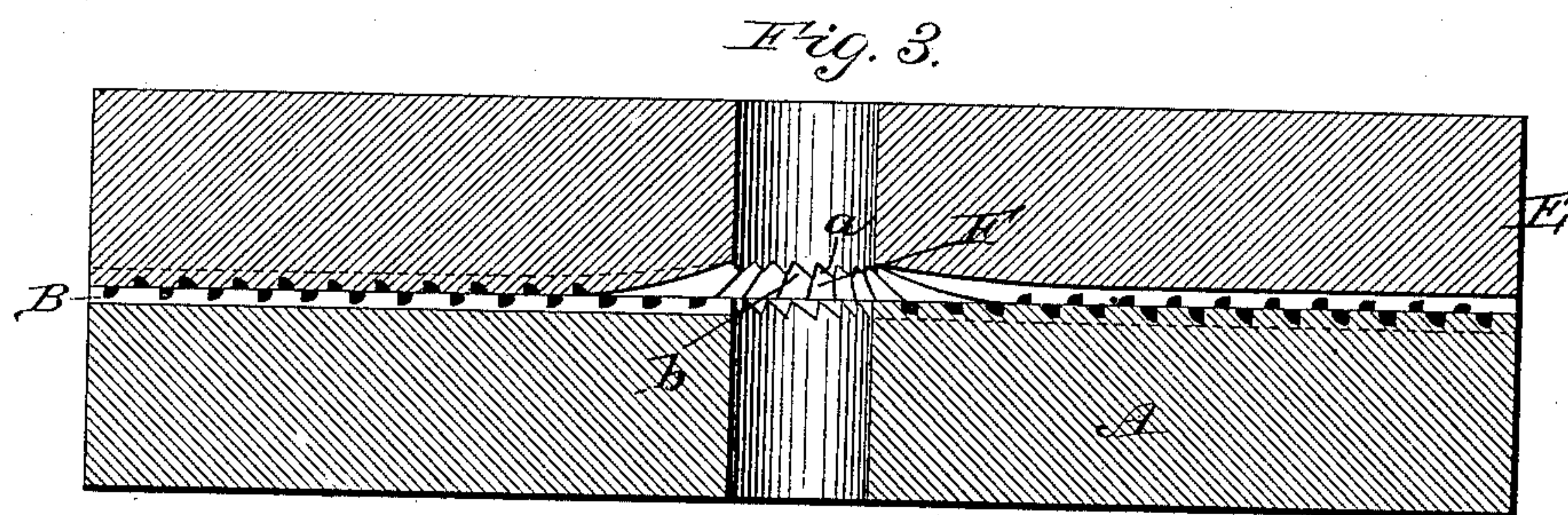
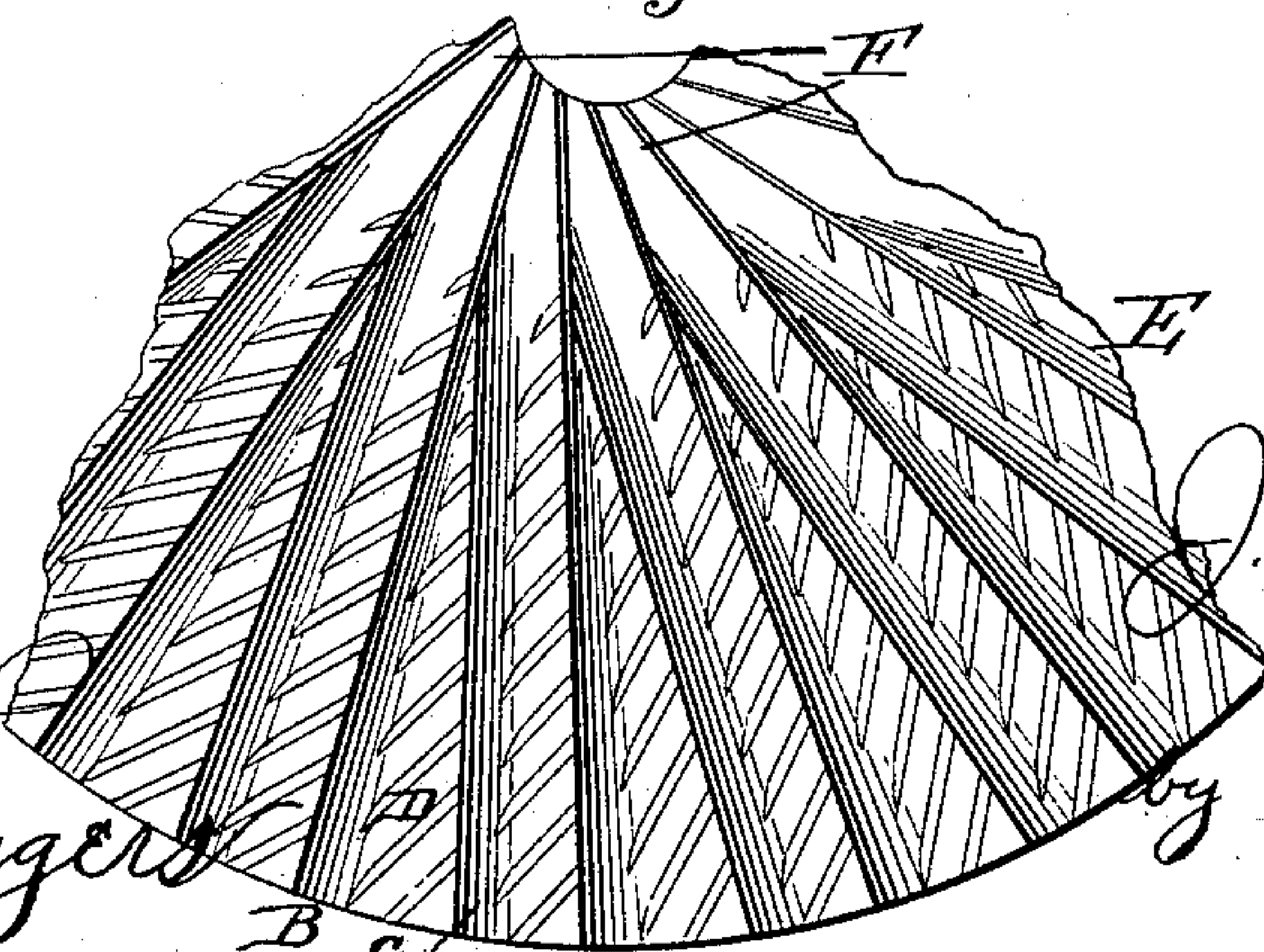


Fig. 2.



WITNESSES

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UNITED STATES PATENT OFFICE.

JOSEPH RANDALL PRICE, OF HICKORY, MISSISSIPPI, ASSIGNOR OF ONE-HALF TO I. I. BARBER, OF SAME PLACE.

MILLSTONE-DRESS.

SPECIFICATION forming part of Letters Patent No. 314,977, dated March 31, 1885.

Application filed December 22, 1884. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH R. PRICE, a citizen of the United States, residing at Hickory, in the county of Newton and State of Mississippi, have invented a new and useful Improvement in Millstone-Dress, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to an improvement in millstones; and it consists in the peculiar construction and combination, that will be more fully set forth hereinafter, and particularly pointed out in the claim.

In the drawings, Figure 1 is a plan view of the face of the bed-stone; and Fig. 2 is a plan of the dress of the runner. Fig. 3 is a sectional view of the runner and bed-stone.

Referring by letter to the accompanying drawings, A designates the bed-stone, which is provided with the leaders B and the skirt-furrows C. The skirt-furrows C commence to run about one-fourth of the distance between the eye and the skirt, and run out at the skirt. Between the furrows B and C are the short furrows D, which connect the leaders B with the skirt-furrows C, and these short furrows, as well as the leaders and skirt-furrows, have each one steep edge, *a*, and one slanting edge, *b*. The upper stone, E, is provided with the bosom F—that is, it is somewhat sunken to permit the corn to enter. The leaders, however, run clear to the eye of this stone. In the face of the lower stone the short furrows continue clear to the eye. In other respects the dress is the same as that described for the runner.

I have found by actual test that by this dress the stones grind fully one-third faster and discharge the meal firm, sound, and cool. Fur-

thermore, this dress is self-sharpening, and when put in order will remain sharp a long time. The bosom extends one-third of the way from the eye to the outer edge, so as to run the corn freely and distribute it all around the stone in equal portions. I use only one-third of the face of the stone for meal-surface, in order to reduce the friction and discharge the meal in a cool condition. The balance of the surface I turn into a cutting-surface by adding the short furrows D, running bias to the main furrowing, thereby cutting rather than mashing the corn. The short furrows should be cut one-sixteenth inch deep and one-half inch apart, and can be sharpened by simply grinding the stones together a few rounds. It will be observed that the short furrows are made in the lands obliquely to the leaders.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

The combination of the millstones A E, said millstones having each the leaders B, the skirt-furrows C, and the short furrows D, arranged obliquely to the leaders and skirt-furrows, the leaders, skirt-furrows, and short furrows having each a steep edge, *a*, and a slanting edge, *b*, and the upper stone having the sunken bosom F at its center, for the purposes set forth, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JOSEPH RANDALL PRICE.

Witnesses:

I. I. BARBER,
T. T. BARBER.