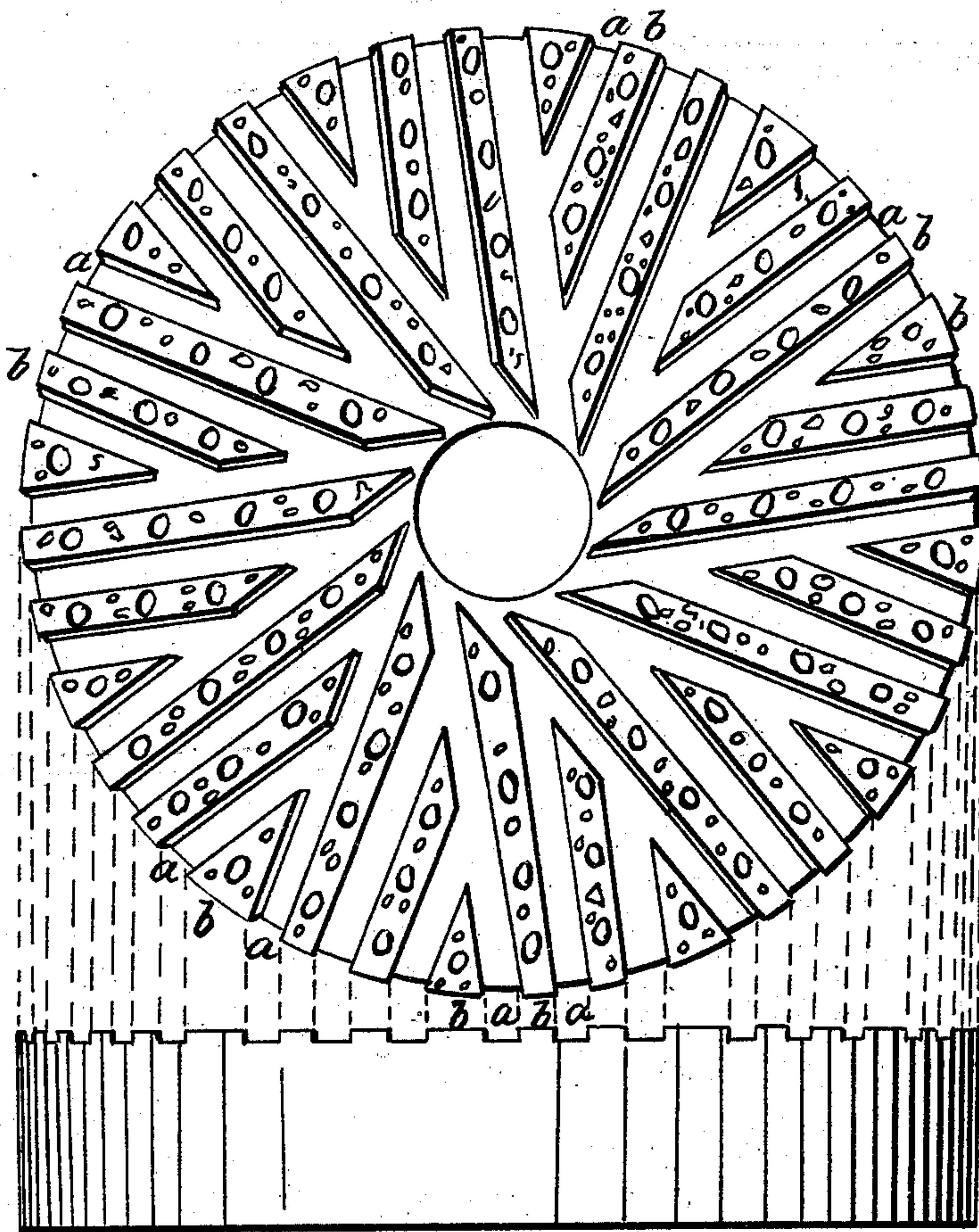


J. PANNABECKER.

Dressing Millstones.

No. 80,762.

Patented Aug. 4, 1868.



Witnesses.
Mr B Mley
Jacob Stauffer

Inventor.
Jesse Pannabecker

United States Patent Office.

JESSE PANNABECKER, OF EAGLE MILLS, DURLACH, PENNSYLVANIA.

Letters Patent No. 80,762, dated August 4, 1868.

IMPROVED MODE OF DRESSING MILLSTONES.

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, JESSE PANNABECKER, of Eagle Mills, Durlach, in the county of Lancaster, and State of Pennsylvania, have invented or discovered a new and improved Mode for Producing a More Permanent Face in Dressing Millstones; and I do hereby declare that the following is a full and exact description thereof. Reference to the accompanying drawing will clearly indicate the same.

The nature of my invention consists rather in converting the ordinary burr-stones into the very best, for grinding corn, &c., so rare and expensive, such as naturally have about an equal portion of solid matter and vacant space, by the cavernous cells in the silicious formation, and by reproducing this condition where it once existed, or producing the due proportion of said cells when lacking.

The proper way to reduce the face is to drill deep cavities, of any desired shape, and so distributed as to cut out about one-half the face of the land-side, and deep enough to require years to obliterate them.

By this mode of dressing, that is, drilling, pricking, or cutting deep isolated cavities into the face or land-sides of the stones, and thereby yield a uniform grist for five or six years, with the best results as to quality, at a saving of much time and labor, I may state that the holes or cavities retain a portion of the grist, which being revolved and continually displaced, and replaced, gives to the grist a lively and free action. In time, the spaces or interstices become as smooth as glass, which aids in producing flour of a superior quality, all the time, at a reduction also of the power required to drive the stones.

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

The millstone-dress, with the furrows *a*, the land-sides or rubbing-surfaces *b*, having deep holes or cells formed therein, in the manner and for the purpose substantially as described.

JESSE PANNABECKER.

Witnesses:

WM. B. WILEY,
JACOB STAUFFER.