

B. F. WALTERS.

Improvement in Pea-Nut and Coffee Polishers.

No. 128,515.

Patented July 2, 1872.

Fig. 2.

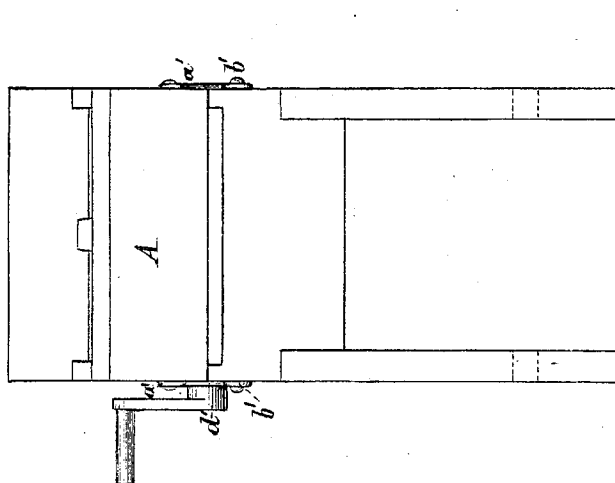
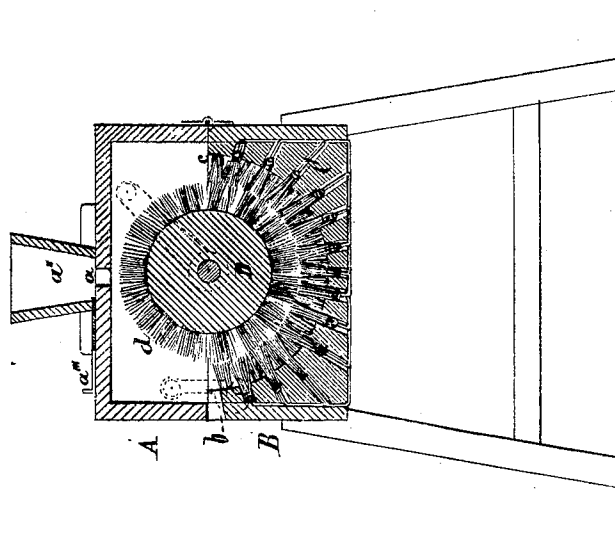


Fig. 1.



Witnesses:
G. Watkins.
Thos. D. D. Curran

Inventor:
B. F. Walters.

PER *[Signature]*
Attorneys.

UNITED STATES PATENT OFFICE.

BENJAMIN F. WALTERS, OF NORFOLK, VIRGINIA.

IMPROVEMENT IN PEA-NUT AND COFFEE POLISHERS.

Specification forming part of Letters Patent No. 128,515, dated July 2, 1872; antedated June 15, 1872.

Specification describing certain Improvements in Pea-Nut and Coffee Polishers, invented by BENJAMIN F. WALTERS, of Norfolk, in the county of Norfolk and State of Virginia.

The invention will first be fully described in connection with the drawing and all that is necessary to a full understanding thereof, and subsequently pointed out in the claim.

Figure 1 is a front elevation, and Fig. 2 a section across the cylinders.

The casing is formed of two parts, A B. The top part A is slotted at *a*, and provided with hooks *a*¹ *a*¹ and hopper *a*², which has a sliding bottom, *a*³. The bottom B is recessed at *b*, has concave C, covered with brush *c*, and is also provided with studs *b*¹ *b*¹ for the hooks. D is a cylinder or roll, provided with an annular brush, *d*, and a crank-shaft, *d*¹.

The mode of operation is as follows: The cylinder is rotated to the right, and the pea-nuts or coffee-berries poured into hopper *a*², from whence they descend upon the annular and rotating brush. They are then carried to the right side of the box, to one end of the concave, from thence around and between the brushes to the top of said concave, and are then thrown

upon the inclined bottom of slot *b*, which conducts them to the outside.

I am aware that convex and concave cylinders, provided with polishing-brushes which interlap each other, have been employed for analogous uses; but, I believe that none have been ever used by the public wherein stiff brushes are employed on the opposite convex and concave cylinders (or parts of cylinders) which do not interlap, but have their ends brought only into sufficient proximity to allow the nut or coffee-bean to pass between them.

Having thus described all that is necessary to a full understanding of my invention, what I esteem to be new, and desire to protect by Letters Patent, is—

The pea-nut and coffee polisher herein described and shown, consisting of the casing A B, cylinder D, and concave C provided with bristle brushes *c* *d*, all constructed and arranged to operate in the manner and for the purpose set forth.

BENJAMIN F. WALTERS.

Witnesses:

T. L. DORNIN,
R. W. SMITH.