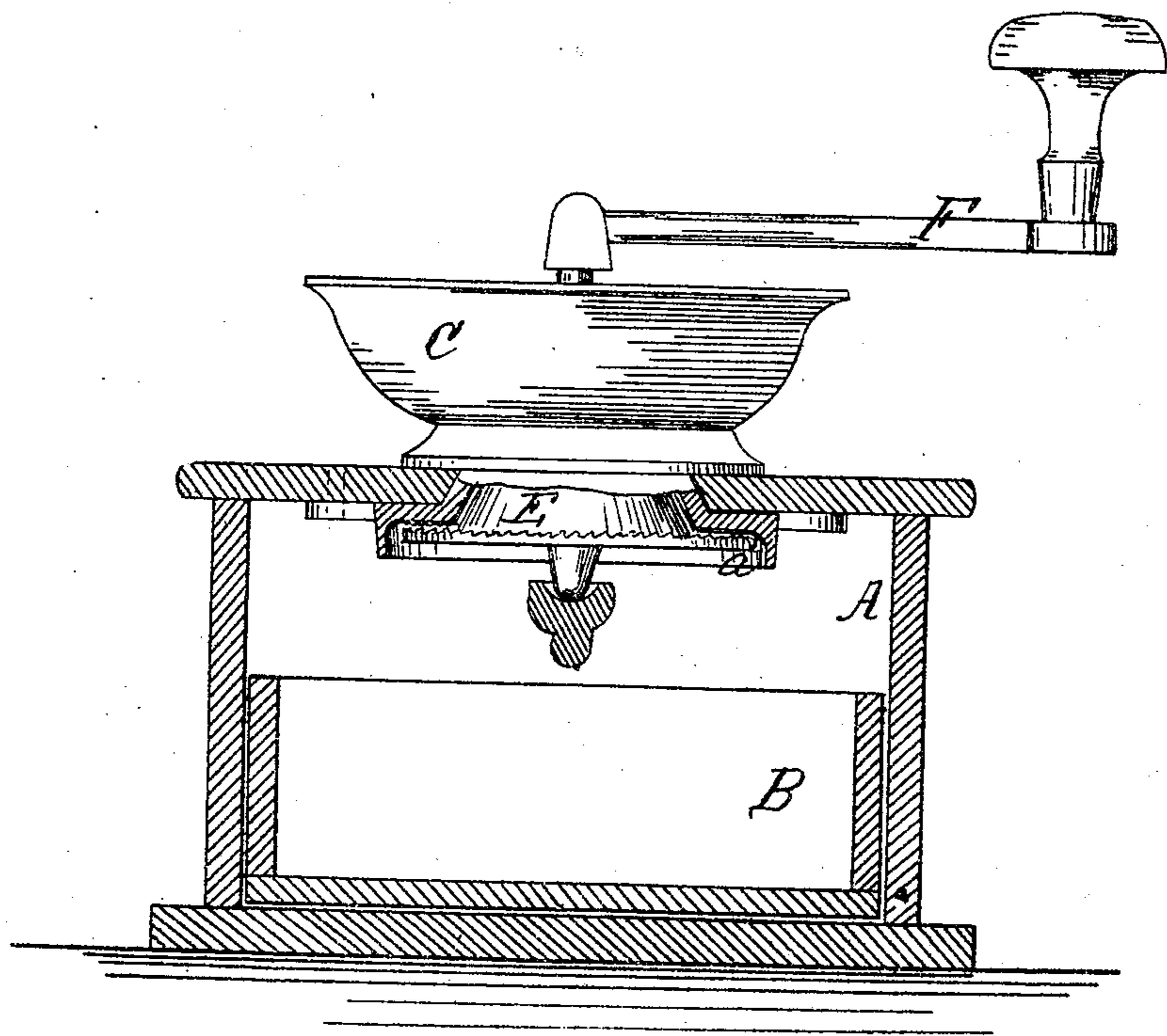


W. J. Lane.

Coffee-Mill.

N<sup>o</sup> 73347

Patented Jan. 14, 1868.



Witnesses

Theo. Fische  
Wm. Brown

Inventor

W. J. Lane  
Per Munn & Co.  
Attorneys

United States Patent Office.

W. J. LANE, OF WASHINGTON, NEW YORK, ASSIGNOR TO HIMSELF AND  
J. G. LANE, OF SAME PLACE.

*Letters Patent No. 73,347, dated January 14, 1868.*

IMPROVEMENT IN COFFEE-MILLS.

*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, W. J. LANE, of Washington, in the county of Dutchess, and State of New York, have invented a new and useful Improvement in Coffee-Mills; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

This invention relates to a new and useful improvement in that class of coffee-mills which are fitted in the upper part of a box provided with a drawer, and arranged like an ordinary hand-mill for grinding spice.

The invention consists in the application of a flange to the lower part of the mill, for the purpose of giving a downward direction to the ground coffee, and preventing it from flying about or being scattered in its discharge from the mill, a contingency attended with considerable annoyance, as the ground coffee finds its way between the sides of the drawer and box; and every time the drawer is withdrawn from the box, the latter requires to be cleaned thoroughly, in order to avoid waste, and to admit of the ready insertion of the drawer.

The accompanying drawing represents a sectional elevation of a mill provided with my improvement.

A represents a quadrilateral box, provided with a drawer, B; and C is the hopper of the mill; D, the external shell or cone, in which the conical grinder E is fitted, and rotated by a crank, F. The lower end of the shell D is provided with a pendent flange, *a*, which extends down below the lower end of the grinder E, as clearly shown in the drawing, and controls the discharge of the ground coffee, causing it to drop directly into the drawer B. This will be fully understood by referring to the drawing. The flange *a*, although represented as being formed or cast with the shell D, need not necessarily be so. It may be made or cast separate, and attached to the under side of the top piece of box A.

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

The external shell or cone, D, of a coffee-mill of the class described, when provided with the pendent flange *a*, surrounding the conical grinder E, for the purpose of giving a downward direction to the ground coffee, and preventing it from being scattered about in the mill, as herein shown and described.

Witnesses:

L. YOUNG,  
HIRAM UNDERHILL,

W. J. LANE.