

COOMBS & GRAY.

Hominy Mill.

No. 98,565.

Patented Jan'y 4, 1870.

Fig. 1

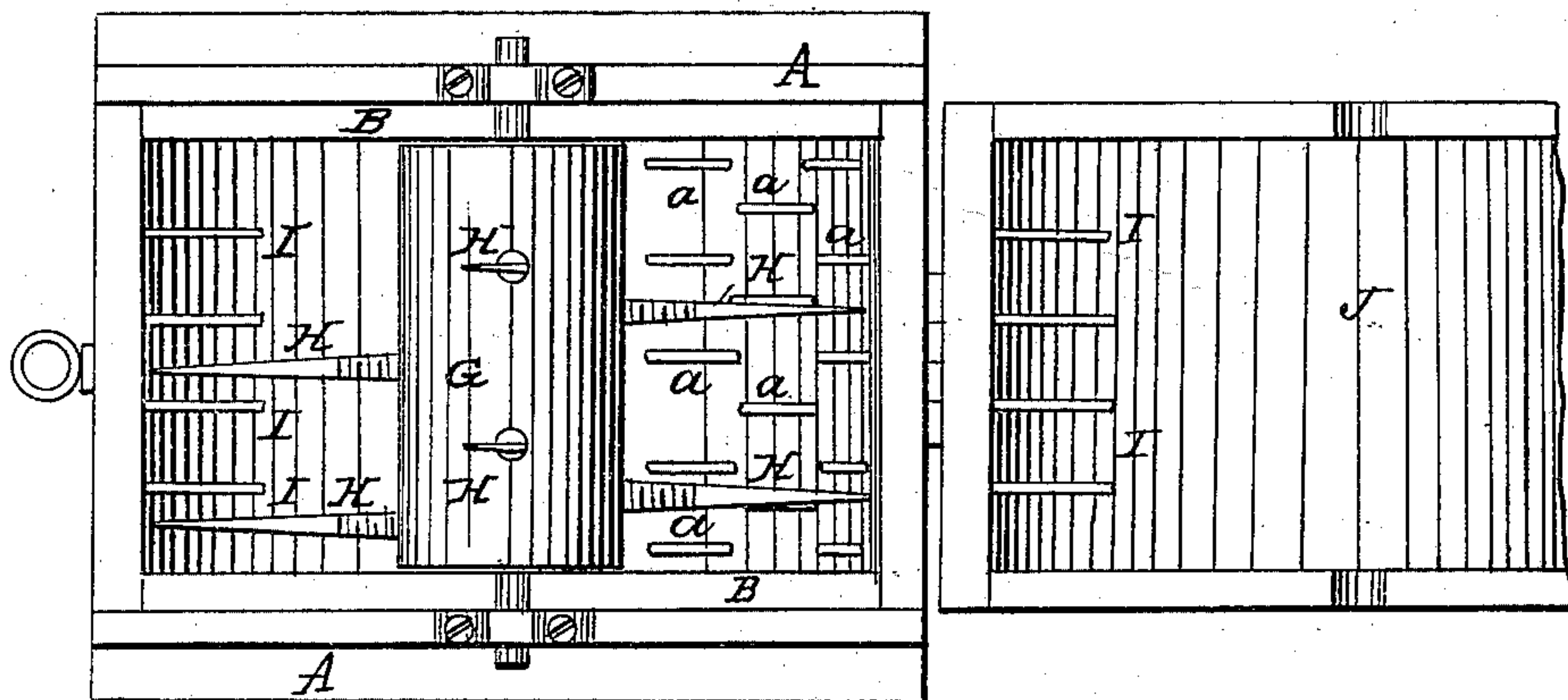
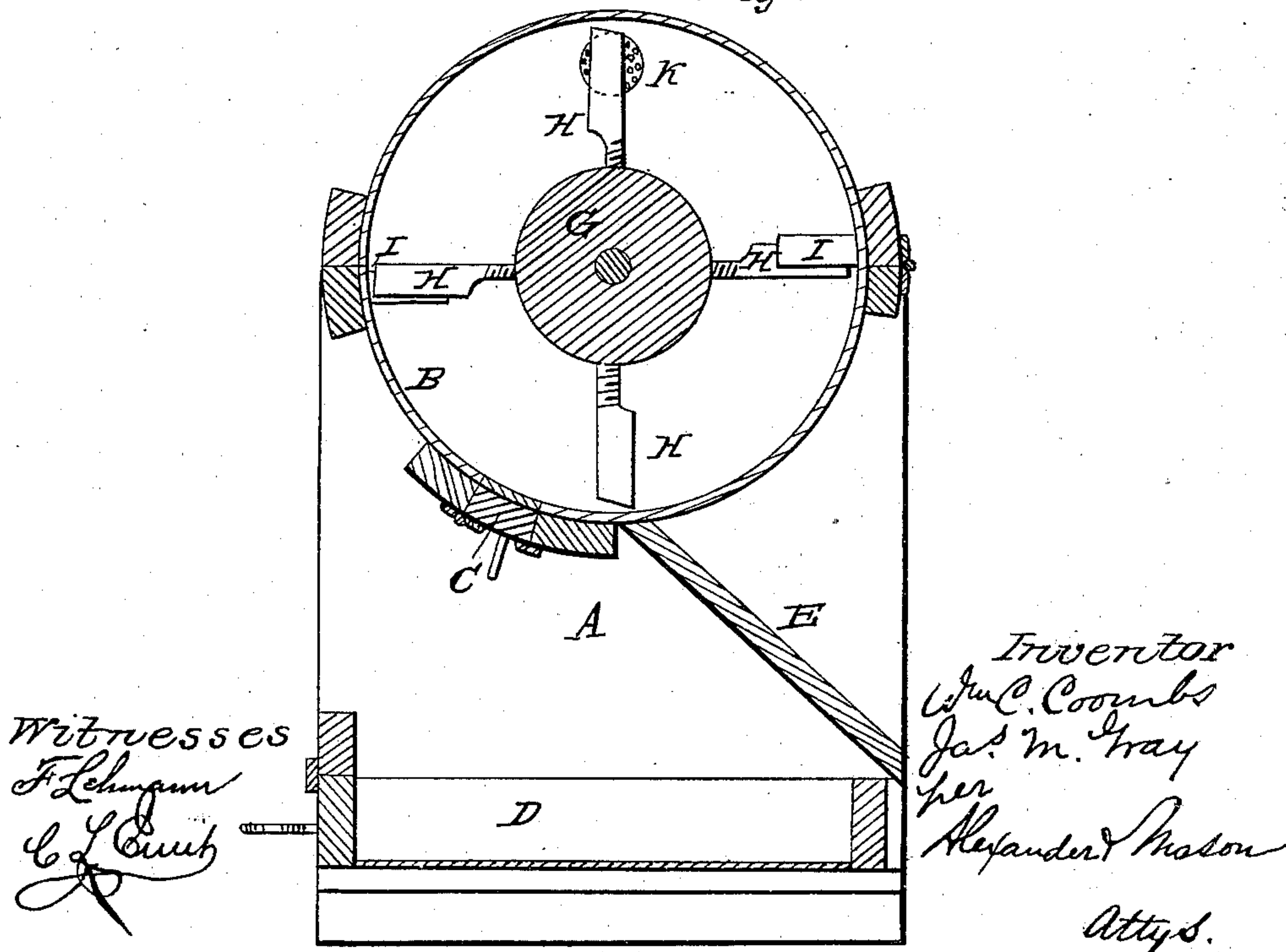


Fig. 2



United States Patent Office.

WILLIAM C. COOMBS AND JAMES M. GRAY, OF MEMPHIS, INDIANA.

Letters Patent No. 98,565, dated January 4, 1870.

IMPROVEMENT IN HOMINY-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 we, WILLIAM C. COOMBS and JAMES M. GRAY, of Memphis, in the county of Clark, and in the State of Indiana, have invented certain new and useful Improvements in Hominy-Mills; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of our invention consists in the construction and general arrangement of a "hominy-mill."

In order to enable others skilled in the art to which our invention appertains, to make and use the same, we will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a plan view of our mill, the lid being thrown open, and

Figure 2 is a longitudinal vertical section of the same.

A represents the frame of the mill, in the upper portion of which is placed a semi-cylindrical receptacle, B, the concave bottom of which is provided with a series of slots, *a a*, throughout one-half of the same.

The other half of said bottom is provided with a door, C, through which the hominy, when cut, is discharged into the drawer D below.

Any dirt that may be in with the corn, and any meal that might be formed, is discharged through the slots *a a*, and falls down upon an inclined board E, dropping out on the outside of the mill.

Across the centre of the receptacle B is a shaft or cylinder, G, in which are inserted knives H H, said knives being provided with threaded bolts or screws for insertion in the shaft or cylinder.

On one end of the receptacle B is placed a series

of knives, I I, between which the knives H H work when the shaft is revolved.

A semi-cylindrical lid, J, is hinged to the receptacle B, so that, when closed, they will form a complete cylinder within which the shaft G and knives H may revolve.

At one end of the lid J is also inserted a series of knives, I I, so that the cylinder will have one such series on each side.

The two series of knives I I are so placed, one with the edges down and the other up, that when the shaft G is revolved, the edges of the knives H H will meet the edges of said series of knives, and thus cut up the corn.

On each side of the lid J is a ventilator, K, formed of a perforated plate or wire gauze, covering an aperture therein, as seen in fig. 2.

We are aware that the devices herein described, taken separately, are not new, and therefore lay no claim to them as such.

Having thus fully described our invention,

What we claim as new, and desire to secure by Letters Patent, is—

The combination and arrangement of the frame A, slotted cylinder B J, knives I I, ventilators K K, shaft G, knives H H, inclined board E, and drawer D, all constructed as described, and for the purposes set forth.

In testimony that we claim the foregoing, we have hereunto set our hands, this 6th day of November, 1869.

WILLIAM C. COOMBS.
JAMES M. GRAY.

Witnesses:

JAMES M. BOWEL,
RICHARD MELOY.