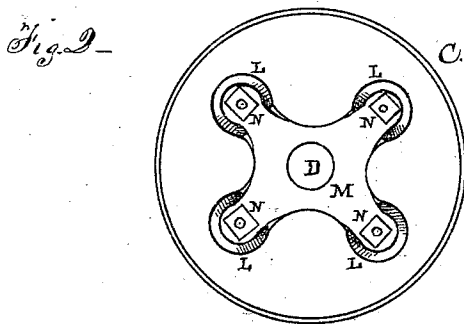
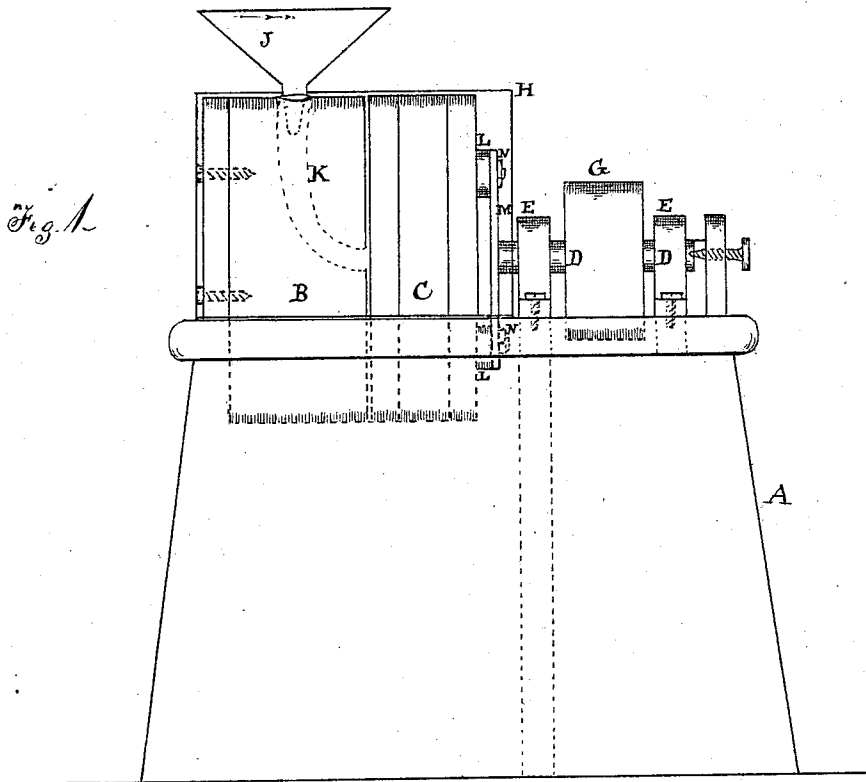


ROBERT M. THOMAS.
Improvement in Flour-Mills.

No. 126,101.

Patented April 23, 1872.



Witnesses.

Edw. F. Brown,
H. S. Miller.

Inventor.
Robert M. Thomas.
By his Atty -
J. F. Reigar P.

UNITED STATES PATENT OFFICE.

ROBERT M. THOMAS, OF BRADY, PENNSYLVANIA.

IMPROVEMENT IN FLOUR-MILLS.

Specification forming part of Letters Patent No. 126,101, dated April 23, 1872.

To all whom it may concern:

Be it known that I, ROBERT M. THOMAS, of Brady, county of Indiana and State of Pennsylvania, have invented an "Improved Flour-Mill;" and I do hereby declare the following to be an exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification, in which—

Figure 1 represents a side elevation of the mill. Fig. 2 shows a side view of the running-stone with its cross-head and gum or elastic washers.

The nature of my invention consists in the vertical feed-hole in the stationary stone, and the elastic washers under the ends of the cross-head of the running-stone.

A represents the frame of an ordinary or common portable flouring-mill, supporting common millstones B C, shaft D, shaft-boxes E E, band-pulley G, cover H, and hopper J.

The object of my invention is to facilitate the feeding of the stones with grain by constructing the feed-hole K vertically from the circumference of the stationary upright stone, (commonly called the bed-stone,) so that the feed-hole carries the grain vertically downward,

and it passes out through the slightly-curved feed-hole at the center of the millstones B and C, as shown by the dotted lines K in the stationary stone B of Fig. 1, thus giving a more constant and regular passage for the grain without choking. Another advantage is the yielding motion of the running-stone C by means of the gum-elastic washers L L L L under the ends of the cross-head M, that supports the running-stone C, and enables it to work with greater accuracy, while the setting of the stone is facilitated and correctly adjusted by the nuts N N N N of the screw-bolts passing through the ends of the cross-head M into the running-stone C.

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

The bed-stone B, provided with the feed-hole K, in combination with the runner C, spring-washers L L, and cross-head M, all constructed and arranged to operate substantially as herein described.

ROBERT M. THOMAS.

Witnesses:

JAMES BOVARD,
J. B. MARSHALL.