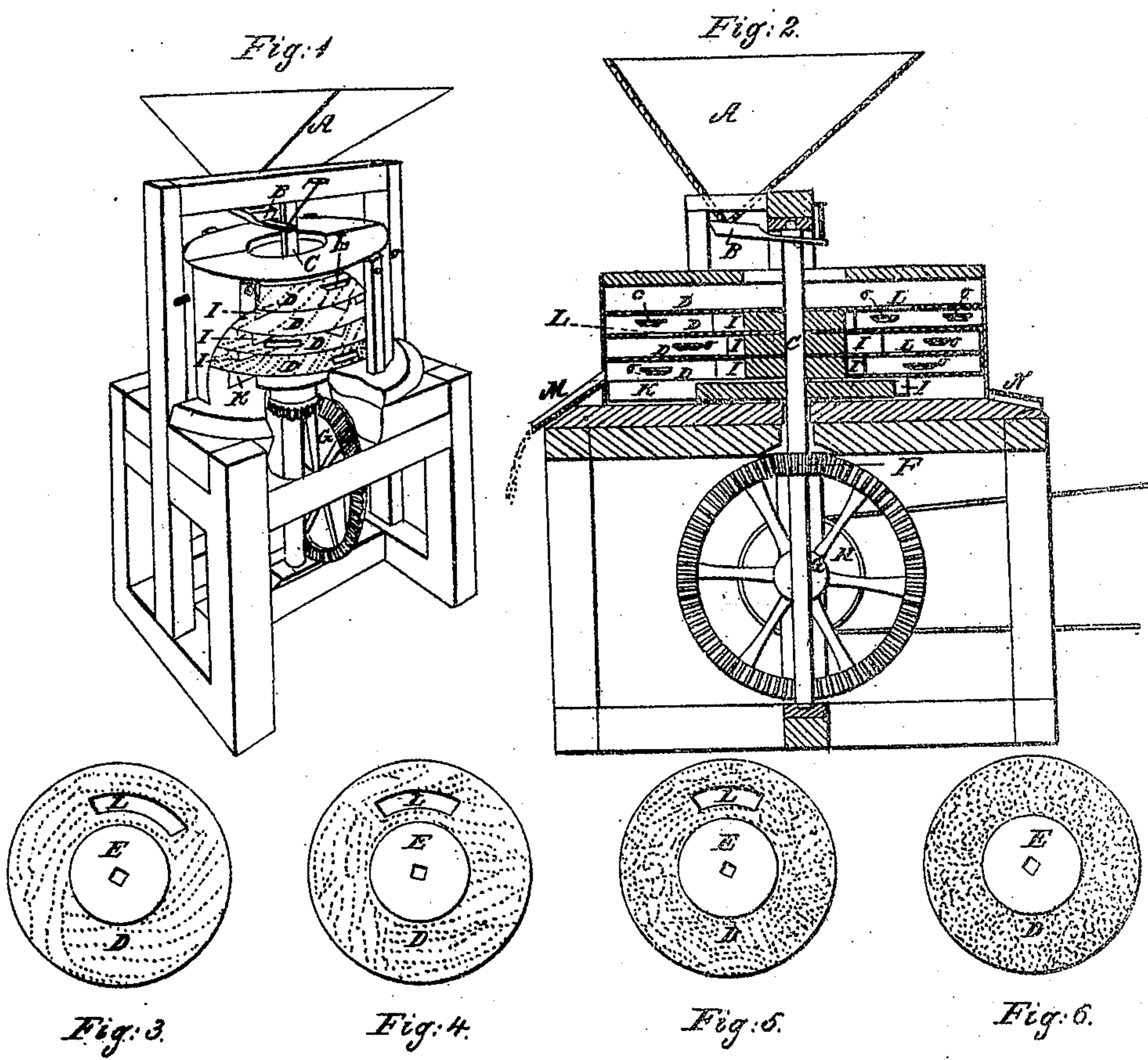


DAKE & TEAL.  
Hominy Machine.

No. 19,691.

Patented March 23, 1858.



# UNITED STATES PATENT OFFICE.

F. E. DAKE AND J. W. TEAL, OF INDIANAPOLIS, INDIANA.

## HOMINY-MILL.

Specification of Letters Patent No. 19,691, dated March 23, 1858.

*To all whom it may concern:*

Be it known that we, FREDERICK E. DAKE and JOHN W. TEAL, of Indianapolis, in the county of Marion and State of Indiana, have invented a new and Improved Hominy-Mill; and we do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.

Figure 1 is a perspective view showing the construction and operation of the machine. Figs. 2, 3, 4, 5, 6 are sections.

A is a hopper into which the corn being placed is fed by the shoe B.

C is an upright shaft upon which are the disks D, D, D, D separated by the blocks E E E E.

F is a pinion gearing into the wheel G, which is upon the same shaft with the pulley H.

I I I I are wings or beaters designed to throw the corn from the center.

K K are fans designed to draw a current of air down through the mill.

L L L are openings through the disks D, D, D, D.

M is a spout for the hominy, and N a spout for the meal.

The following is the operation of the

machine: the corn being filled into the machine, the pulley H is revolved, when the corn drops upon the top or first disk Fig. 3, from which it is gradually discharged through the opening L, falling upon the second disk Fig. 4, and passing through the opening L to the third disk Fig. 5, and again passing in the same manner to the fourth and last disk Fig. 6, from whence it is discharged through the spout M. The disks D, D, D, D are perforated or constructed to operate as screens. The current of air caused by the fans K, K, &c., draws the meal that is beaten off by the operation of the beaters O, O, O, O and wings I I I I down through the first second and third disks, until it is finally separated upon the fourth disk Fig. 6.

What we claim as our invention and desire to secure by Letters Patent is—

The combination and arrangement of the perforated disks D, D, D, D, with the fans K K when constructed and arranged substantially in the manner and for the purposes set forth.

FREDERICK E. DAKE.  
JOHN W. TEAL.

Witnesses:

H. W. ELLSWORTH,  
S. A. COLLEY.