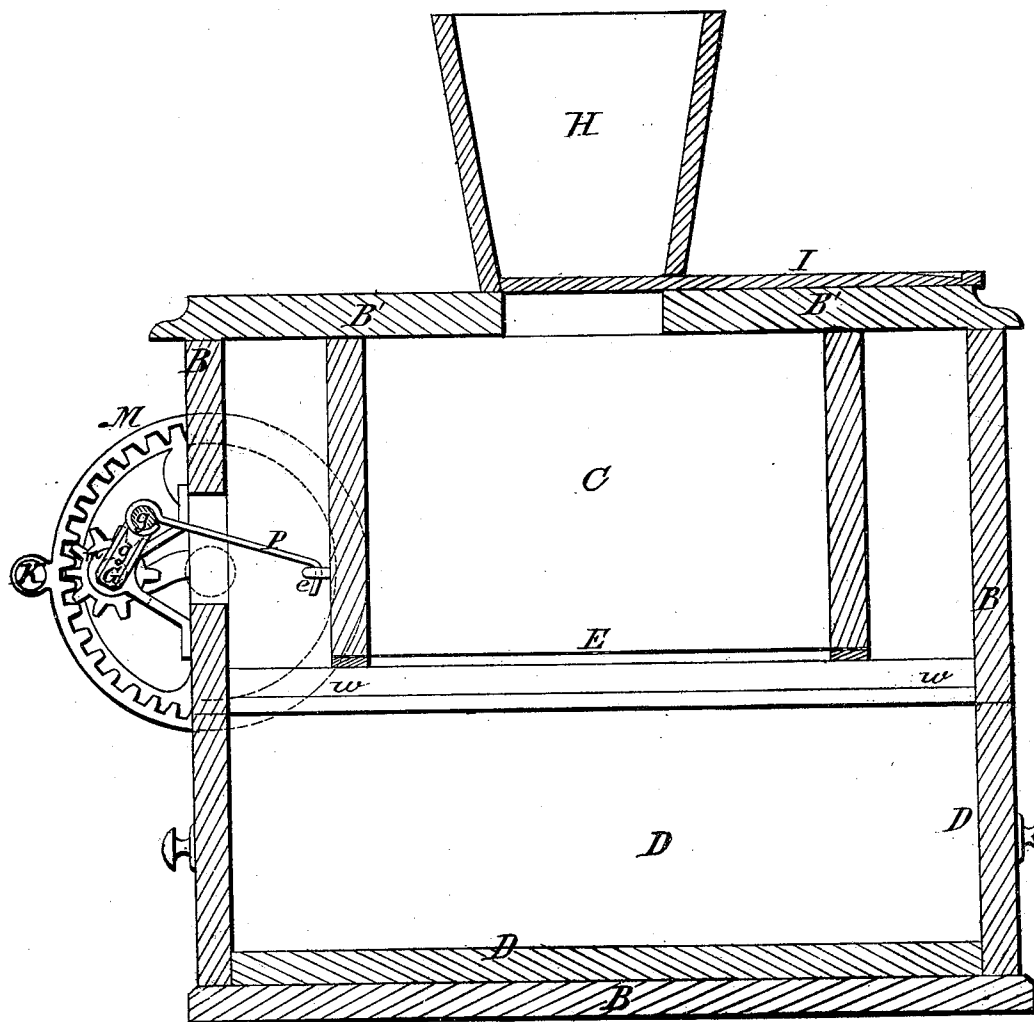


E. C. Hickman,

Flour Sifter

No. 90,750.

Patented June 1, 1869.



Witnesses.

C. A. Pettit.

S. C. Keenon

Inventor.

E. C. Hickman

by Munroe & Co.

Attys

United States Patent Office.

E. C. HICKMAN, OF WASHINGTON, DISTRICT OF COLUMBIA.

Letters Patent No. 90,750, dated June 1, 1869.

IMPROVED FLOUR-SIFTER.

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, E. C. HICKMAN, of the city and county of Washington, in the District of Columbia, have invented a new and improved Sifter for Flour, &c.; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

My invention is represented by a longitudinal vertical section, taken through the centre of the machine.

The object of this invention is to provide, for public use, a cheap and convenient device for sifting flour, &c.

In the drawing—

B represents the body or case of the sifter, provided with a hinged cover, B', a drawer, D, and a hopper, H, having a sliding bottom, I.

Within the box B is a smaller box, C, having a sieve-bottom, E, and connected by a pitman, P, to the crank *g*, of a shaft, G, that is driven by a pinion, *m*, and an internal gear-wheel, M, having a crank, K.

This box slides rapidly back and forth on guides or

ways, *w w*, when the crank is turned, and sifts the flour, &c., through the sieve E into the drawer D. When necessary, the cover B' can be raised, the hook of the pitman detached from the eye *e*, and the box C removed from the machine.

The slide I serves to regulate the feed of the flour, &c., into the box C.

Having thus described my invention,

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

The device above described, consisting essentially of the box B, the drawer D, the reciprocating box C, having a sieve-bottom, E, the guides *w w*, the detachable pitman P, the crank *g*, the shaft G, the wheels *m* M, and crank K, the hinged cover B', the hopper H, and the slide I, all constructed, arranged, and combined to operate in connection with each other, as and for the purposes specified.

E. C. HICKMAN.

Witnesses:

CHAS. A. PETTIT,
S. C. KEMON.