HOHENSTEIN & GLASSER.

Hulling Attachment to Mills.

No. 111,061. Patented Jan. 17, 1871.

Fig. 1.

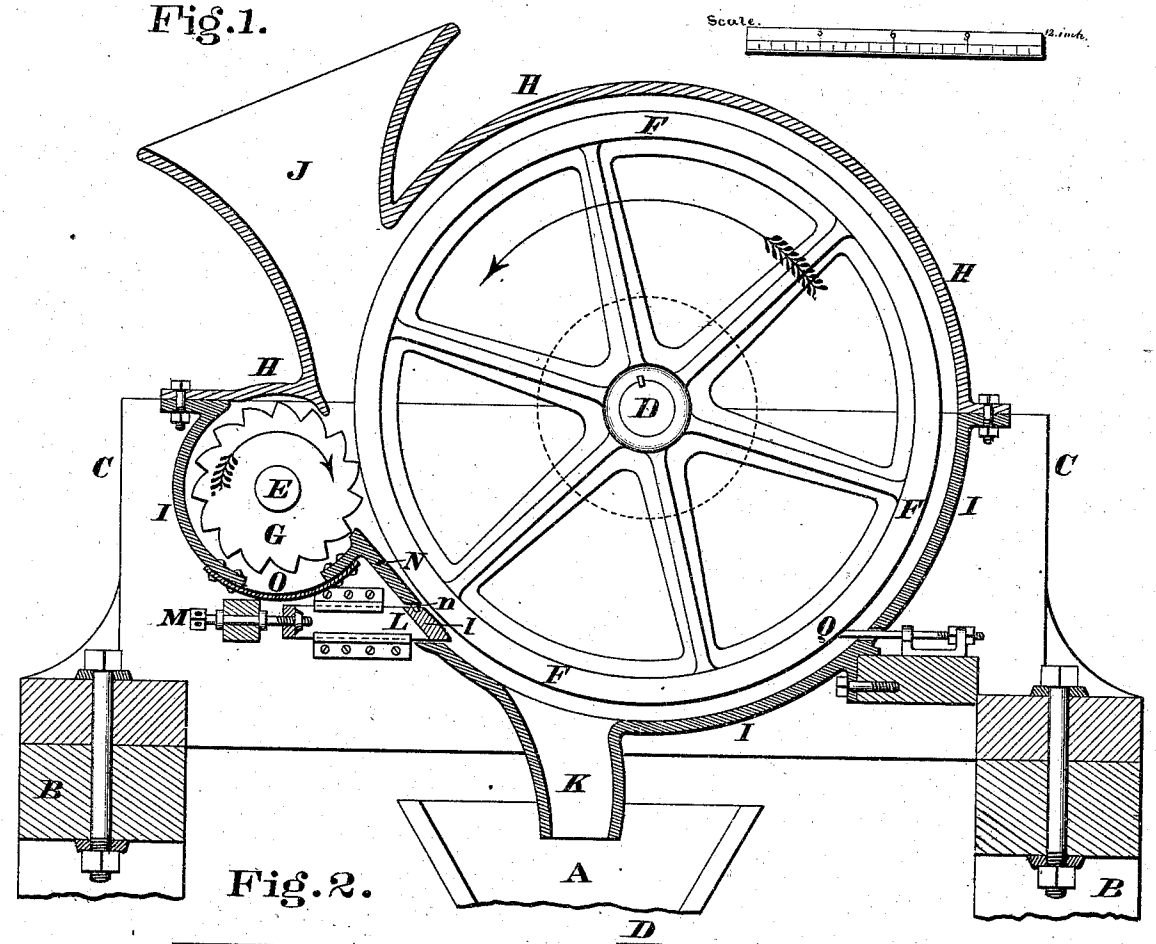
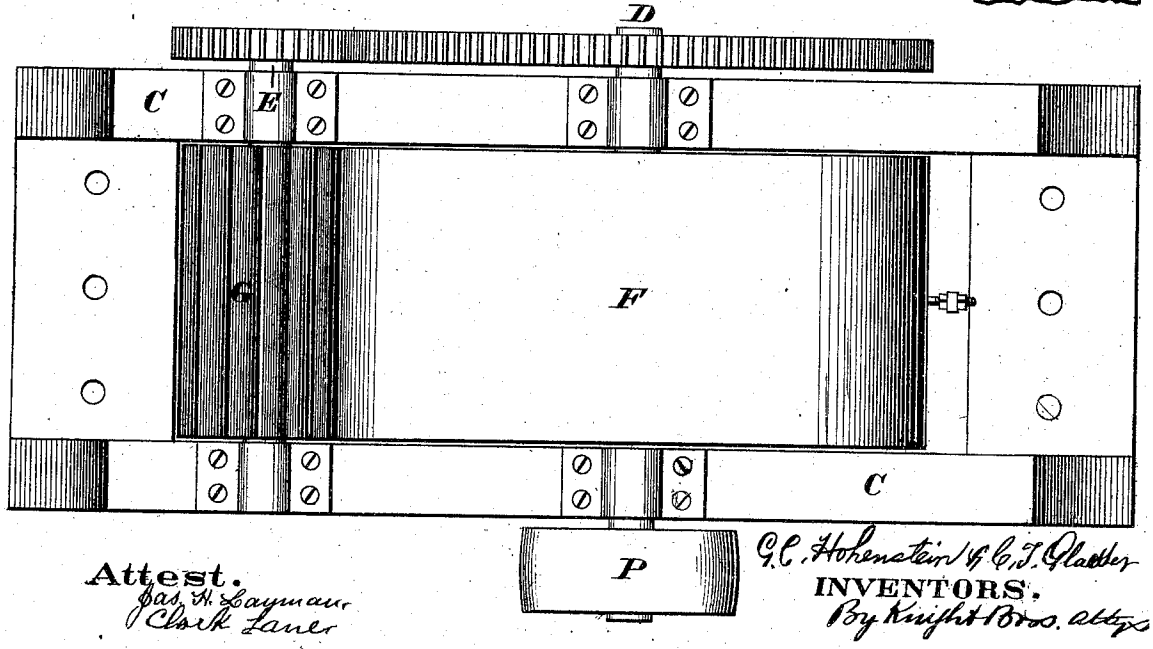


Fig. 2.



Attest.
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INVENTORS.
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GEORGE C. HOHENSTEIN AND CHARLES T. GLAESER, OF CINCINNATI, OHIO.

Letters Patent No. 111,061, dated January 17, 1871.

IMPROVEMENT IN CRUSHING AND HULLING ATTACHMENTS TO GRINDING-MILLS.

The Schedule referred to in these Letters Patent and making part of the same.

We, GEORGE C. HOHENSTEIN and CHARLES T. GLAESER, both of Cincinnati, Hamilton county, Ohio, have invented a new and useful Crushing and Hulling Attachment for Grinding-Mills, of which the following is a specification.

Nature and Objects of the Invention.

This is an improvement in the class of devices employed to hull and partially crush the grain on its way to the hopper of a grinding-mill, and comprises two unequal rollers, of which the larger one has a smooth and the smaller one a corrugated periphery, an adjustable throat, and suitable receiving and delivery-spouts.

General Description with Reference to the Drawing.

Figure 1 is a transverse section of our "attachment."

Figure 2 is a top view of the same without the casing.

A represents a portion of the hopper of an ordinary grinding-mill.

B, a portion of the frame-work of the same, to which is firmly bolted a frame, C, in which frame are journaled two horizontal shafts, D E, of two rollers, F G, of which the upper and larger roller, F, has a smooth periphery, and the smaller and lower roller, G, has a periphery armed with a series of cogs or wipers, of form substantially as represented, and whose points revolve almost in contact with the periphery of F.

The rollers F and G are inclosed in suitable concaves, H and I, furnished with a hopper, J, above their point of intersection, and a spout, K, somewhat below the same.

L is a throat, having a convex face or end portion, *l*, which is adjusted to near proximity to the roller F by means of a set-screw, M.

N is a chute or mouth-piece, attached to the concave I by a flexible plate, O, and connected to the throat L by a pin, *n*. This mouth-piece operates to prevent the grain working back behind the corrugated roller G, and conducts it between the throat L and large roller F, to receive its final squeeze before escaping through the spout 1 into the mill-hopper.

Any fragments of grain or hulls that may adhere to the periphery of the roller F are disengaged therefrom by means of a scraper, Q.

P is the driving-pulley.

Claim.

We claim as new and of our invention—

The described arrangement of the respectively smooth and corrugated rollers F and G, mounted in different planes, and of unequal diameter, flexible mouth-piece N, and adjustable convex throat L, as and for the purpose set forth.

In testimony of which invention we hereunto set our hands.

GEORGE C. HOHENSTEIN.
C. T. GLAESER.

Witnesses:
GEO. H. KNIGHT,
JAMES H. LAYMAN.