

HENRY K. STONER.

Improvement in Fanning Mills.

No. 124,918.

Patented March 26, 1872.

Fig. 1.

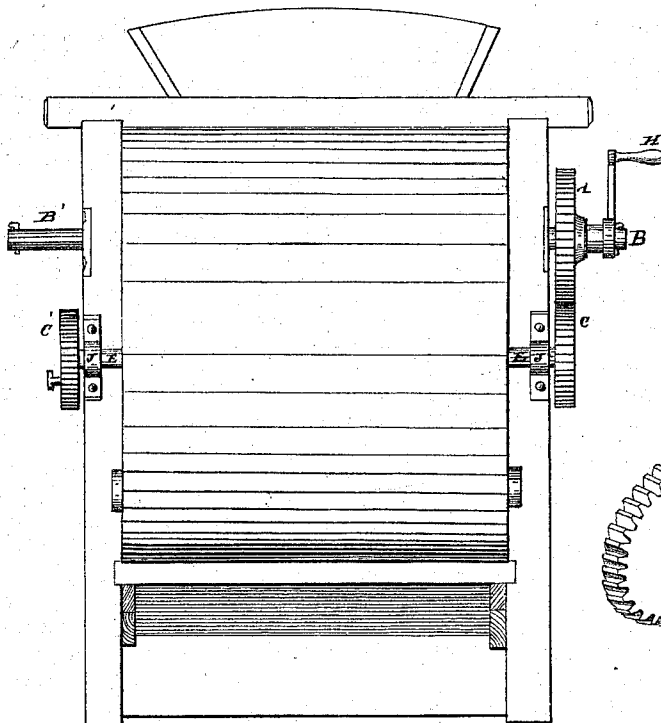
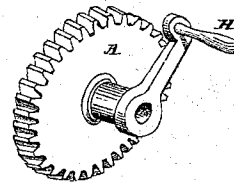


Fig. 2.



Witnesses.

W. B. Miles
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UNITED STATES PATENT OFFICE.

HENRY K. STONER, OF WEST LAMPETER, PENNSYLVANIA.

IMPROVEMENT IN FANNING-MILLS.

Specification forming part of Letters Patent No. 124,918, dated March 26, 1872.

To all whom it may concern:

Be it known that I, HENRY K. STONER, of West Lampeter, near Lancaster, in the county of Lancaster and State of Pennsylvania, have invented a certain Improvement in Fanning-Mills; and do declare that the following is a full and exact description thereof, reference being had to the accompanying drawing making part of this specification, in which—

Figure 1 is an end elevation of an ordinary fanning-mill with my improvement in place. Fig. 2 shows the shifting driving-wheel and handle removed.

Like letters designate corresponding parts. The nature of my invention consists in providing a means to obviate a serious inconvenience which frequently arises when cleaning up grain on a barn floor with the ordinary fanning-mills, provided only on one side with a handled cogged or driving wheel. Owing to the direction of the wind or other reasons it is not expedient to turn the machine, but compels the one who turns the fan, as well as he who is engaged to fill the hopper of the same, to be on the same side, and greatly hinder each other in performing their respective duties by being necessarily in too close a proximity, causing much annoyance and detention in the work. To remedy this defect I provide two pinions to the fan-shaft and two fixed shafts or bearings for a single readily-transferable driving-wheel to be shifted from one side to the other with the handle and with perfect ease, thus avoiding the hindrance referred to.

This simple, and yet valuable, improvement is not a mere change from the ordinary fanning-mills by simply placing the driving-wheel on the opposite side of the machine; nor can it

be viewed simply as a duplication of the parts. In order to obtain new and useful results a duplication of the driving-wheel and pinions would be both novel and useful, but a duplication of the driving-wheel would cause needless friction and chafing on one side while turning the other.

The drawing clearly indicates the application, and will enable any one skilled in the art to make and use my invention.

The ordinary fan-shaft F in its journals or bearings J on each side is provided with a cogged pinion, c, cast over the same pattern. Above each is a fixed shaft, B B', attached to the mill or machine, of like dimensions, perforated at the end for a pin. A cogged wheel, A, with a handle, H, and sleeve or hollow shaft s is made to slip upon either of the shafts B B' or shifted from one to the other at pleasure with ease; and the object specified is thereby obtained and is found to be highly desirable and a much needed improvement.

I claim no novelty in the construction of the wheel or pinions or the fanning-mill apart from the results obtained by said improvement.

What I claim as my improvement in fanning-mills is—

The combination of the movable and transferable driving-wheel A provided with crank H, the fixed shafts B B', fan-shaft E, and pinions c c', when said parts are constructed and arranged to operate in the manner and for the purpose described and set forth.

H. K. STONER.

Witnesses:

WM. B. WILEY,
JACOB STAUFFER.