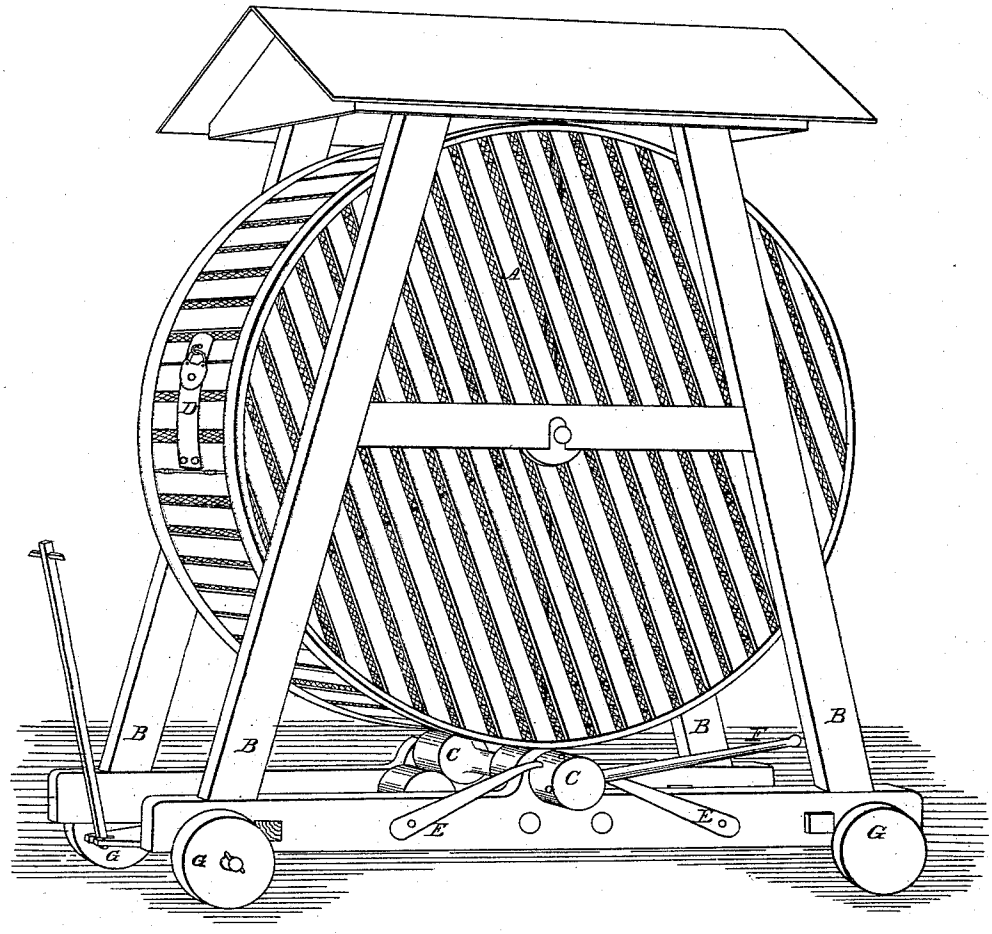
J. BURT.

GRAIN DRIER.

No. 66,559. Patented July 9, 1867.



Witnesses
Chas. DeWolf
H. C. Fo. White.

Inventor.
John Burt.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

United States Patent Office.

JOHN BURT, OF WESTPORT, MASSACHUSETTS.

Letters Patent No. 66,559, *dated July* 9, 1867.

GRAIN-DRYER.

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, JOHN BURT, of Westport, in the county of Bristol, in the State of Massachusetts, have invented a new and improved Portable Grain-Dryer and Saver; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

My invention consists in a cylinder with heads and periphery perforated or provided with slats, and lined with wire gauze, in which to dry, save, and store the grain; a friction-roll upon which the cylinder rests, and by means of which it is revolved.

The accompanying drawing is a perspective view of my invention.

A is the cylinder; B B B B is the frame, in which the cylinder is supported; C, roll on which the cylinder rests, and by which it is revolved; D, door in the periphery of the cylinder, through which the grain can be put in or taken out; E E, pawls to prevent roll C from turning, when so desired; F, lever with which to turn roll C, and thereby revolve the cylinder; G G G, trucks by which the whole machine may be moved.

Operation.

This portable grain-dryer and saver being constructed of convenient dimensions, and as herein set forth and described, the grain to be dried or saved placed in the cylinder, its novelty, utility, and operation may be noted. By revolving the cylinder, the grain is changed from one position to another, and the air passing through the openings in the slat-work and wire gauze, evaporates the moisture, and improves the quality of the grain. If corn not shelled be placed in this dryer the wire gauze may be removed, portions of husks and silk will then be screened by revolving the cylinder, and there will be no material of which mice can construct their nests, besides which the motion would render it impossible for them to stay.

I do not confine my invention to drying the grain; it may be screened and protected by it as herein set forth. Neither do I confine it to slat-work, lined with wire gauze; the apertures for admitting the air and screening the grain may be formed either with or without the wire gauze, in any practical manner; neither do I claim or desire to claim any device previously invented or patented for drying and saving grain, but what I do claim as my invention, and desire to secure by Letters Patent, is—

A grain-dryer and saver, constructed and operating as herein set forth for the purpose specified.

JOHN BURT.

Witnesses:

CHAS. DE WOLF,

TH. E. M. WHITE.