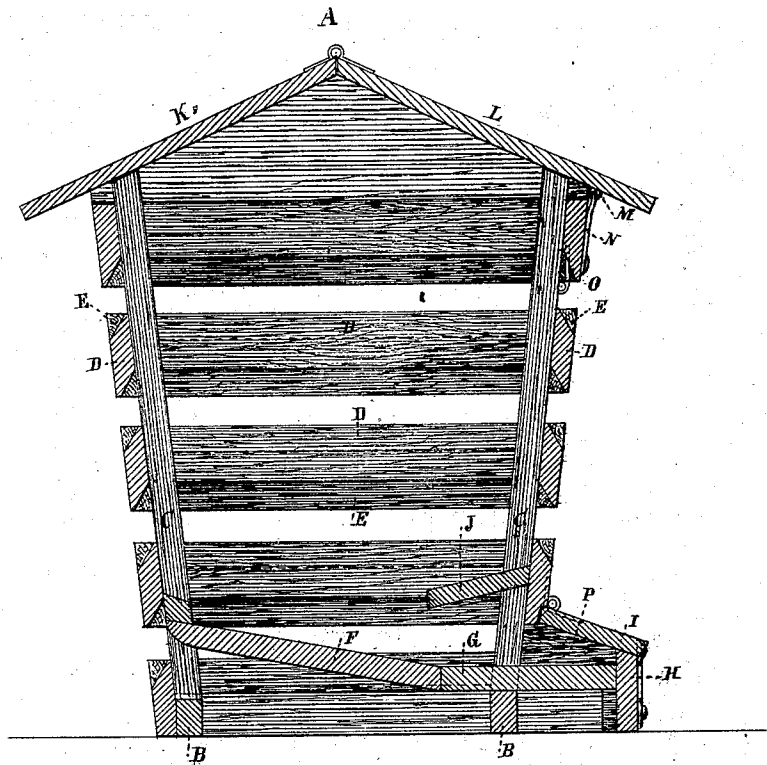


C. B. CLARK.

Improvement in Corn Cribs.

No. 125,021.

Patented March 26, 1872.



Witnesses:

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Inventor:

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UNITED STATES PATENT OFFICE.

COMMODORE B. CLARK, OF PLEASANT GROVE, IOWA.

IMPROVEMENT IN CORN-CRIBS.

Specification forming part of Letters Patent No. 125,021, dated March 26, 1872.

Specification describing an Improvement in Corn Cribb or Houses, invented by COMMODORE B. CLARK, of Pleasant Grove, in the county of Floyd and State of Iowa.

The invention relates to an improvement in corn cribs or houses intended especially for storing and preserving corn in bulk; and it consists in the peculiar construction of parts when combined in such a manner as to form a crib or house, from which the corn can be taken, as desired for use, with the greatest facility, and which shall serve to exclude both rain and snow and noxious or destructive vermin or animals, and yet permit a thorough circulation of air through the body of the corn, as will be hereinafter more fully described.

In the drawing, the figure represents a transverse vertical section of my improved crib.

A in the drawing represents the crib, which is preferably of a quadrilateral form. B are the bed-pieces or sills which form the ground frame, and to which are secured the vertical corner posts or standards C. D are longitudinal boards or strips, which compose the body of the crib, and are secured to the posts C at suitable distances apart to form spaces for the entrance of air. The outer upper edges and the lower inner edges of said boards are beveled off, or made inclined, as shown at E. The outer inclined surfaces on the boards will serve to nearly arrest the entrance of rain or snow into the interior of the crib; and what little quantity of rain passes over the edges of the boards will be again conducted to the exterior of the crib by the lower inclined surfaces of the boards. F is the flooring of the crib, which is made inclined, to accomplish the result hereinafter stated, and is formed of a board or boards extending the entire length of the crib, and located in such a manner as to prevent vermin from passing through the same. G is a horizontal board or plate, which is located in line

with the lower or depressed end of the floor, and forms, in connection with the ends of the bed-sills and a vertical board, H, attached to the latter, a trough, P, which is provided with a hinged lid or cover, I. J is an inclined plate, located inside of the crib immediately above the inner end of the trough, and extends the entire length of the crib. K is the stationary part of the roof, to which is hinged the upper end of the opposite part L, whose lower end is provided with a staple, M, which engages with the hook N on the board O. O is a board or plate located at the upper end of the bin, and is hinged in such a manner that, when folded against the bin, the hook on the same will serve to hold both it and the hinged roof in a closed position, and when open and in nearly a horizontal position it will serve as an inclined delivery-trough for feeding the corn into the bin.

The corn, as it is required for use, is taken from the trough P by means of shovels or scoops, and the same is replenished, as the corn is removed, by the superincumbent weight of the latter in the body of the crib, the inclined flooring permitting such result.

The inclined plate J will serve to regulate the flow of the corn, so as to prevent clogging by a too large mass of corn entering the discharge-trough simultaneously.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A corn-crib provided with the inclined floor F, trough P, lid I, inclined deflecting plate J, hinged roof L, and hinged board O, substantially as herein shown and described.

COMMODORE B. CLARK.

Witnesses:

F. H. GREEN,
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