

(No Model.)

J. W. MARKER.

WHEAT GRANARY.

No. 342,026.

Patented May 18, 1886.

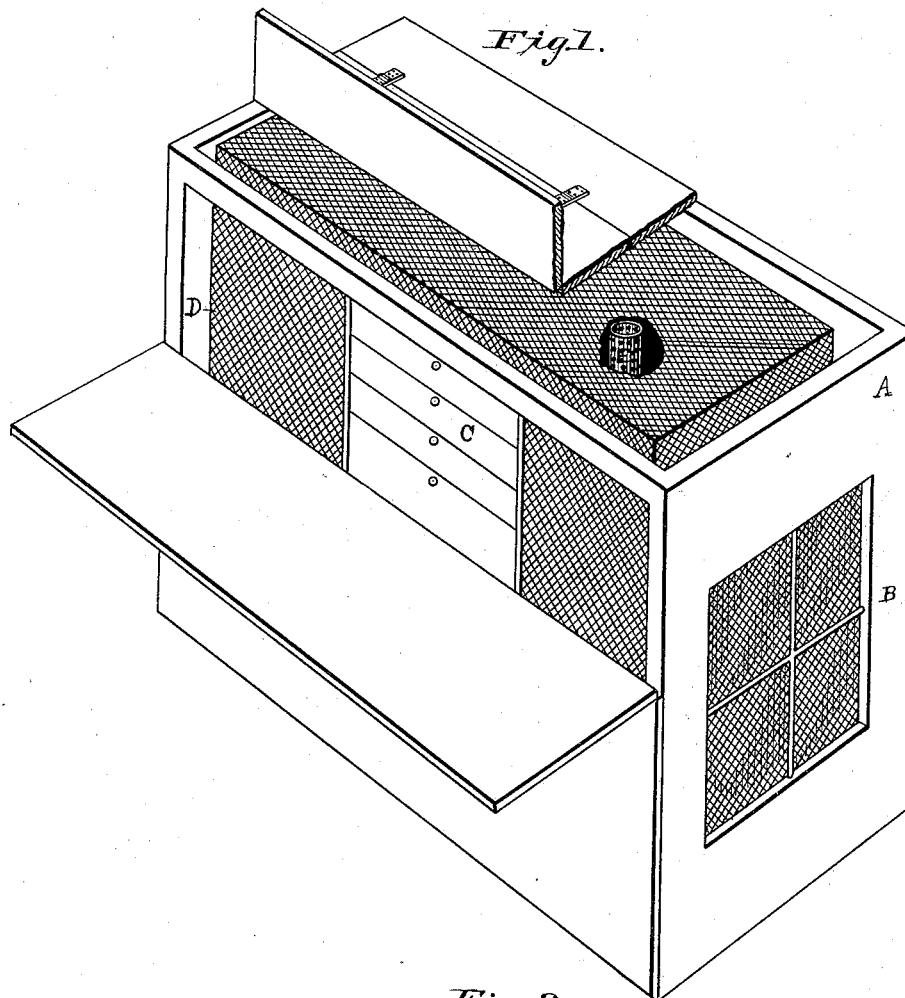
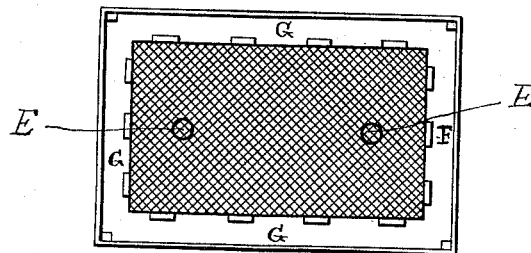


Fig. 2.



WITNESSES

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UNITED STATES PATENT OFFICE.

JOHN W. MARKER, OF ZANE, LOGAN COUNTY, OHIO.

WHEAT-GRANARY.

SPECIFICATION forming part of Letters Patent No. 342,026, dated May 18, 1886.

Application filed June 15, 1885. Serial No. 168,808. (No model.)

To all whom it may concern:

Be it known that I, JOHN W. MARKER, a citizen of the United States, and a resident of Zane township, in the county of Logan and State of Ohio, have invented a new and useful Wheat-Granary, of which the following is a specification.

My invention consists of a double bin for grain, having air-passages between the two bins, the inner one being of woven wire or perforated metal to admit air to the grain, and the outer one having a hinged top and sides, and windows to admit light and also air to the grain. The inner bin also has perforated tubes extending up through the wheat to admit air in the midst of the wheat.

Figure 1 is a perspective view of my bin with the outside bin partly cut away to show the inner bin, the ventilating-tubes, and the doors for the admission of grain. Fig. 2 is a top view with the top of outside bin removed, showing an air-space between the walls and studding that support the inner bin.

A is the outside bin; B, the window in the end. There may be as many windows as desired.

C is the sliding door in sections. This door is simply of the usual form of opening or door used in grain-bins, consisting of a number of short boards resting one upon another in grooves or in a track made by nailing two strips of wood against either side of the doorway far enough apart to allow the boards to slide between them, one of the strips being cut away at the top to allow the insertion of the boards; or the door may be of any desired form.

D is the woven-wire bin inside the outer bin, and having air-passages G surrounding the same.

E represents a series of hollow tubes, of woven wire or perforated material, that extend up through the bin from top to bottom, allowing free passage of air through the bin and into the wheat. These can be introduced wherever desired.

F is the studding to which the wire bin is attached, and G the air-passages between the bins, extending all around the inside bin, and allowing the air to reach the wheat and circulate freely.

It is well known that wheat is often spoiled either for seed or flour by being shut up too closely, so as to keep out rats and mice, and that it is liable to be ravaged by the weevil when thus shut up.

By my construction air and light can be readily admitted to prevent molding and the ravages by the weevil, while security against rats, mice, &c., is secured at the same time.

What I claim is—

A wheat-granary composed of two bins, one within the other, and having air-passages G between them, the outer bin, A, having hinged top and sides and windows B, and the inner bin being made of woven wire or perforated material, and having air-tubes E, as and for the purpose set forth.

JOHN W. MARKER.

Witnesses:

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