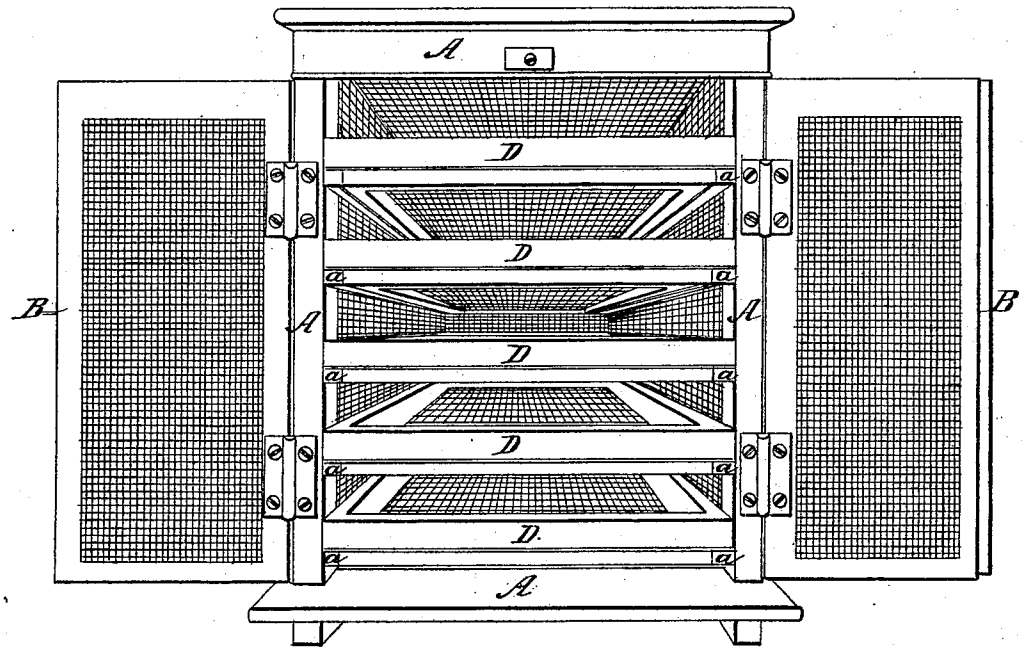
A. J. SMITH.

Fruit Drier.

No. 92,113. Patented June 29, 1869.



Witnesses.
Chas. L. Ewert
A. A. Yeatman

Inventor.
A. J. Smith
per
Alexander Mason.
Attys

N. PETERS. Photo-Lithographer. Washington. D. C.

United States Patent Office.

A. J. SMITH, OF DECORAH, IOWA.

Letters Patent No. 92,113, *dated June* 29, 1869.

IMPROVEMENT IN FRUIT-DRIERS.

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, A. J. SMITH, of Decorah, in the county of Winneshiek, and in the State of Iowa, have invented certain new and useful Improvements in Fruit-Driers; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in the construction of a portable fruit-drier; and has for its object to dry fruit rapidly, by spreading it on wire cloth, which admits the air to pass freely through the fruit, carrying off the moisture, and at the same time protecting it from flies, bugs, and other insects, as well as from fowls, which generally are so troublesome.

In order to enable others to make and use my invention, I will now proceed to describe its construction and operation, referring to the annexed drawings, which form a part of this specification, and which represent a front view of my fruit-drier.

A A represents a frame-work, of suitable size and material, which is covered on all sides with wire cloth, one side being hinged, and forming doors, B B, as shown.

Along the inner sides of this frame are placed slats or bars, *a a*, at a suitable distance from each other, on which slats the fruit-trays D D rest.

The fruit-trays consist of a frame, of the same size as the inside of the drier, with its bottom covered with wire cloth.

These trays can be withdrawn and filled with fruit, or anything else that needs drying, and placed in the dryer or safe A again, and set in the sun, or placed over the stove, and the drying goes on without further care.

As the fruit in this condition is well supplied with air, it does not mould, and dries rapidly, and is entirely secured from the filth of flies or other insects.

In case of a storm, the fruit-safe can be picked up at once and carried into the house, and placed over or near the stove, and the drying goes on without the usual handling and spilling of the fruit, or danger of moulding, if kept too long within doors.

This fruit-drier is especially well adapted to drying green corn.

I am aware that a portable cupboard, having wire screen at the bottom, top, and sides, is not new.

What I claim, is—

The arrangement of the wooden frame, A, with screens on top, bottom, and sides, screen-doors, B B, ledges A A, and screen-trays D D, forming a fruit-drier, as specified.

In testimony that I claim the foregoing, I have hereunto set my hand, this 17th day of July, 1868.

A. J. SMITH.

Witnesses;

RYAN WARD,

E. CUTLER, JR.