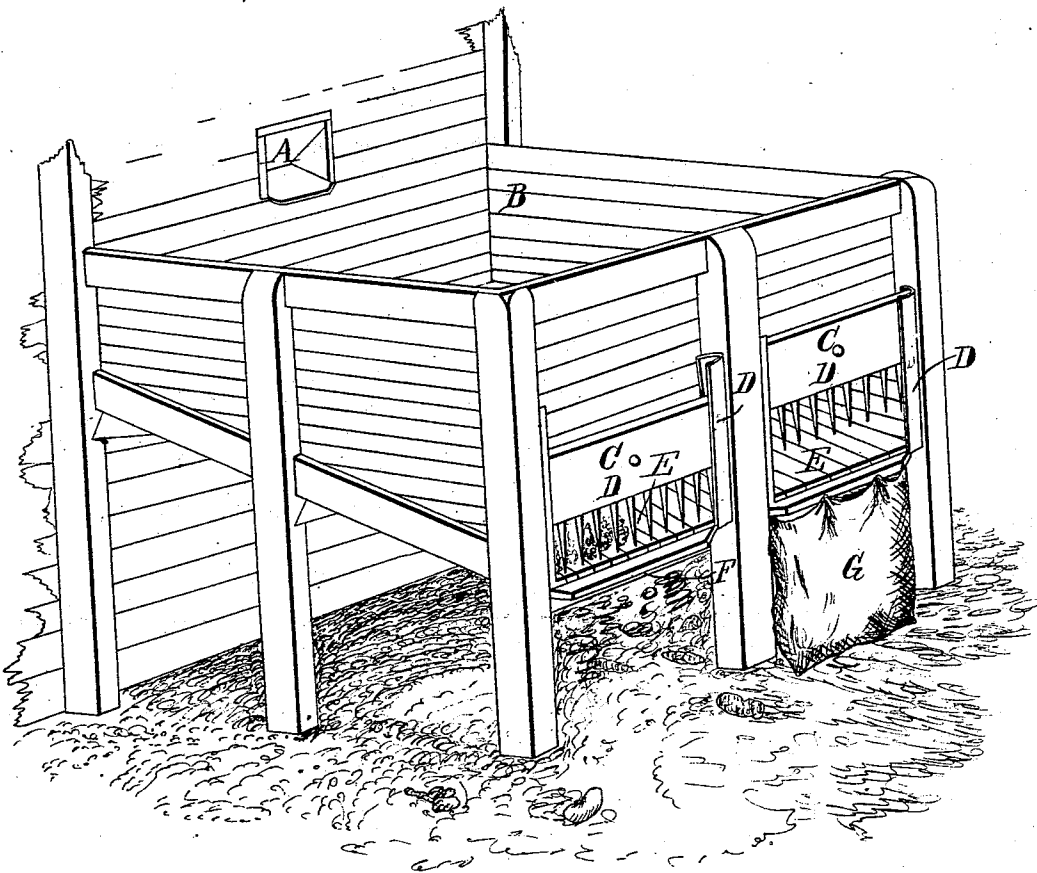


E. SEELY.

Machine for Sacking Potatoes.

No. 84,713.

Patented Dec. 8, 1868.



Witnesses:

D. C. Jones
H. P. Miller

Inventor:

Edwin Seely

United States Patent Office.

EDWIN SEELY, OF ELKHART, INDIANA.

Letters Patent No. 84,713, dated December 8, 1868; antedated November 23, 1868.

IMPROVED MACHINE FOR SACKING POTATOES.

The Schedule referred to in these Letters Patent and making part of the same.

Be it known that I, EDWIN SEELY, of Elkhart, county of Elkhart, State of Indiana, have invented a new and useful Machine for Sacking Potatoes; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification.

The construction and operation of this machine are as follows:

When erected in an ordinary potato-warehouse, I spike to the studding a piece, of two by four, in a horizontal position, about six and a half or seven feet from the floor. Then I advance towards the centre of the room about eight or nine feet. I then erect a row of studding about two or three feet apart, and on these I spike on another piece, of two by four, in a horizontal position, about two and a half feet from floor of warehouse. On these two horizontal strips rests the floor of potato-bin E, which gives me an incline plane of about six inches to the foot. I then board up my bin on the inside, B.

At rear end of bin, and as near to the top of bin as I can conveniently, I cut an aperture, A, large enough to admit a basket of potatoes. This aperture is about eight or nine feet from floor of warehouse.

In order to reach this aperture from the outside of building, I make a platform about as high as the top of a wagon-box, on which a person can stand and empty the basket of potatoes into the bin, through aperture A.

I next cut an aperture in front part of bin, about one foot from floor in height, and reaching from one stud or post to another.

This hole is closed by means of a slide, which I designate the hetchel-slide, C and D. The slide is composed of a piece of plank about one and a half inch thick, six to eight inches wide, and long enough to

reach from one post to another. I then bore three-eighths to one-half inch holes in this plank, C, about two or three inches apart, and insert therein rods D, of iron, wood, or other hard material. Rods D to be made from twelve to eighteen inches long, and tapering to a point below.

Just below the slide I construct a projection, F, of wood or iron, around which the sack G is placed, and held while being filled.

Operation of machine or bin is as follows:

The potatoes are put in the bin at A. They fall to the bottom of bin E, which is on an incline plane. They readily roll or slide to front part of bin to the hetchel-slide C and D.

To fill the sack G, raise slide C and D, and the potatoes will roll into sack at the rate of ten or fifteen bushels per minute.

To stop this volume of potatoes when sack is filled, close the slide. The long, pointed teeth penetrate the potatoes, and stop the flow at once.

I have a large bin under actual experiment, and I can sack more potatoes alone, with the use of the above-described machine, than eight men can sack in the old way of shovelling them, thus saving to the potato-dealer from five to eight dollars per day.

The above-described bin, I style "the self-sacking potato-bin."

Claim.

What I claim as my invention, and desire to secure by Letters Patent, is—

The hetchel-slides C and D, bin B, the whole constructed, arranged, and operated substantially as and for the purpose set forth.

EDWIN SEELY.

Witnesses:

D. C. GORE,
H. P. GILLETT.