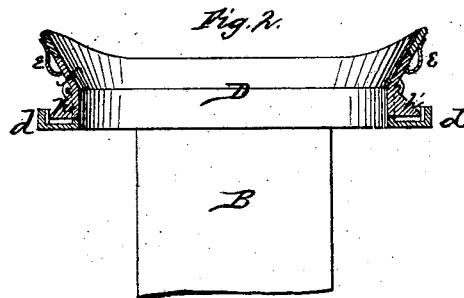
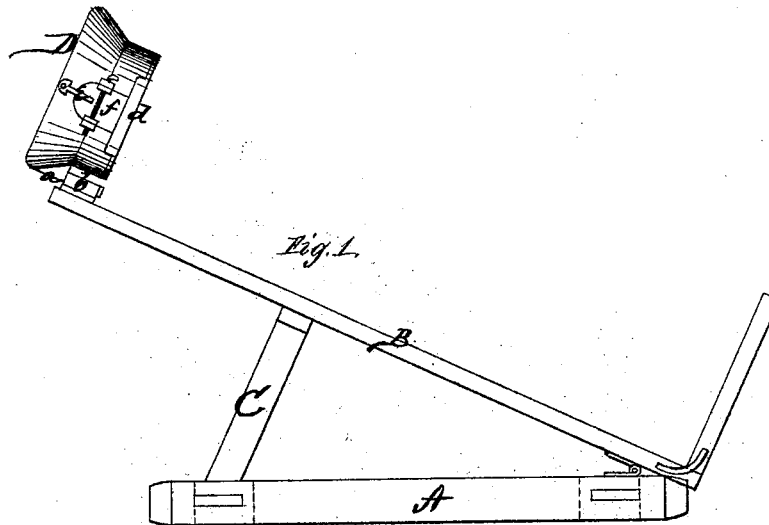


WILLIAM P. LELAND.  
Improvement in Grain-Bag Holders.

No. 114,952.

Patented May 16, 1871.



Witnesses

John A. Ellis.

J. White

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# United States Patent Office.

WILLIAM P. LELAND, OF MENDON, MICHIGAN.

Letters Patent No. 114,952, dated May 16, 1871.

## IMPROVEMENT IN GRAIN-BAG HOLDERS.

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, WILLIAM P. LELAND, of Mendon, in the county of St. Joseph and State of Michigan, have invented certain new and useful Improvements in Grain-Bag Holders ; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon which form a part of this specification.

The nature of my invention consists in the construction and arrangement of a bag-holder, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side view of my bag-holder, and

Figure 2 is a longitudinal vertical section of the hopper.

A represents the bed-frame, at one end of which is hinged the L-shaped standard B.

At the other end of the frame A is an inclined frame, C, which is for the purpose of supporting the standard B when let down to about an angle of twenty degrees.

D represents the hopper, provided on one side with a hook, *a*, which is inserted in a loop or guide, *b*, on the upper end of the standard B.

At each end of the hopper D, on the lower edge, projects a flange, *d*, outward and upward, as shown in fig. 2, and in each end of the hopper is hinged a small door, *f*, pressed inward, so as to be closed by means of a spring, *e*.

At the lower edge of the door *f* on the outer side is a triangular-shaped projection, *h*, extending near to the flange *d*, as shown.

In order to hold a bag the hem at the top of the bag is drawn down between the flanges *d d* and the projections *h h* on the doors *f f* until the hem is below said projections. When once put in in this way it cannot come out, because the heavier the bag gets the tighter the doors will hold the bag.

When filling the bag the standard B with the hopper is dropped down onto the support C, and when filled it is raised up again. Then by pressing from the inside on the upper edges of the doors *f f* the bag will drop out instantly, and another may be attached in the same manner.

Having thus fully described my invention,

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

1. The hopper D, provided with flanges *d d* and doors *f f*, constructed and arranged to operate substantially as and for the purposes herein set forth.

2. The combination of the bed-frame A, standard B, support C, and hopper D with flanges *d d* and doors *f f*, all constructed and arranged substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

WILLIAM P. LELAND.

Witnesses:

O. J. FAST,  
THOMAS CUDDY.