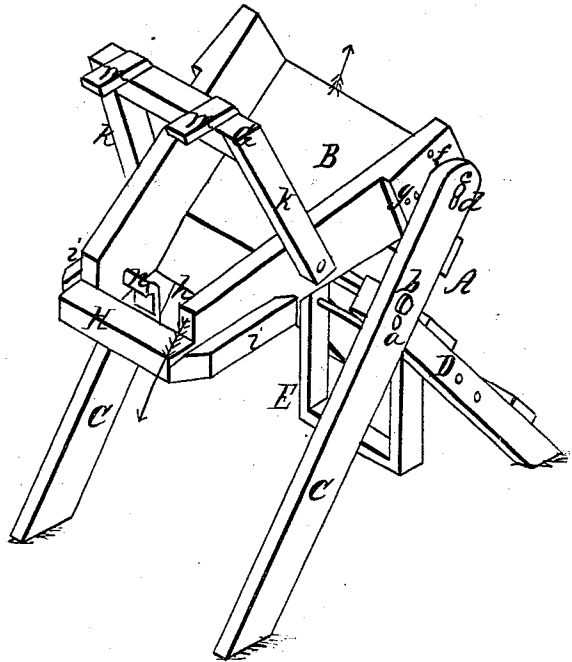


L. Crofoot,

Eng. Holder.

No. 100,123.

Patented Feb. 22, 1870.



Witnesses

Chas. F. Spencer
Geo. W. Miatt

Inventor

Leonard Crofoot
By J. Fraser & Co
attys

United States Patent Office.

LEONARD CROFOOT, OF PAVILION, NEW YORK.

Letters Patent No. 100,123, dated February 22, 1870.

IMPROVED BAG-HOLDER.

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, LEONARD CROFOOT, of Pavilion, in the county of Genesee, and State of New York, have invented a certain new and useful Improvement in Bag-Holders; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawing, in which the figure represents a perspective view of my improvement.

Nature of the Invention.

This invention consists, essentially, in the employment of a spout pivoted to the top of a suitable frame, so constructed and arranged as to allow the same to be turned or depressed at the discharge end, to direct the material into the bag which is attached thereto.

It furthermore consists in the employment of a "break" or abutment at the discharge end and a clamping attachment for holding the bag, and furthermore, in the construction and arrangement of the frame holding the spout.

General Description.

In the drawing—

A represents the frame, and

B, the spout.

The frame is composed of standards or legs C C and D D, pivoted at *a* so as to be elevated or depressed by bringing the bottom of the legs closer together or further apart.

They are stiffened or fixed in any desired position by pins *b b*.

The frame is provided with a pivoted pawl-frame, E, which rests under the spout and serves to adjust its inclination when it is desired to hold it in a fixed position.

The spout is pivoted to the upper end of legs C C by means of screws, pegs, or pins *c c*, which pass through slots *d d* of said legs and enter any of a series of holes *f f* and *g g* in the spout, by which means it has a triple adjustment, viz: down in the slots of the legs, and vertically and horizontally, by changing the position of the screws in the holes.

The spout is in the form of ordinary spouts for other purposes, being composed of the ordinary bottom and side pieces and having its rear end open.

Instead of making the front end open, however, in the usual way, I prefer to make the discharge passage *h* in the bottom, and to form a break or abutment, H, in front, which serves the double purpose of stopping the grain or other material in its passage, and turning it into the discharge passage, and of serving as the seat for the pivoted clamp G, which comes down and clasps the mouth of the bag when in place.

To accomplish this, side cleats *i i* are preferably fastened to the spout, to hold in connection with the corresponding parts *k k* of the clamp, which shut down thereon.

Hooks might be used, instead of these side cleats, to hold the bag.

The clamp may be provided with stays *m m*, and if desired a spring-catch, *n*, or other equivalent device may be used for holding it down.

If desired, also, a platform may rest on cross-pieces of the frame below the spout, which will serve to sustain the bag, and the legs C C may have casters-wheels, in which case, by slightly elevating the opposite end of the frame, it may be run along on the said wheels.

My improved bag-holder, as above described, differs from others by having a spout instead of a hopper, by which means the grain or other material may be directed and easily driven into the bag.

The rear open end presents an easy entrance for a basket or measure, and the free vertical turning or vibrating motion of the spout allows the same to be pitched to any inclination, and to be shaken or vibrated up and down as indicated by the arrow, to settle the material properly in the bag which is attached thereto. In a simple hopper this effect cannot be produced.

The spout also allows the material to be easily shoveled in whenever desired, by fixing it in a stationary position by pawl E, and if at any time it gets clogged, the free turning and vibrating movement, as above described, given to the spout by the hand, will settle it into the bag, especially as the mouth of the latter rises and falls with it.

This effect of giving a direction to the flow of the grain and of producing a vibrating action is due to the use of a spout, and cannot be produced by the use of a hopper simply.

The spout is also peculiar in its construction, by having the discharge *h* in the bottom instead of at the end, and in having the abutment or break, which serves as a stop to the grain and directs it into the discharge.

By this means there can be no overflow, and there is no necessity of elevating one side of the bag, but it can rest directly under the opening, and the occasional vibration or raising of the spout will keep it properly distended and packed.

Claims.

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

1. The spout B resting in frame A, and constructed with the discharge-opening *h* in its bottom and the abutment H at its end, the whole arranged as de-

scribed and operating in the manner and for the purpose specified.

2. In combination with the above, the clamp G, operating as described.

3. The construction of the frame, consisting of the pivoted legs C D and the pawl-frame E, as herein set forth.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.
LEONARD GROFOOT.

Witnesses:

R. F. OSGOOD,
GEO. W. MIATT.