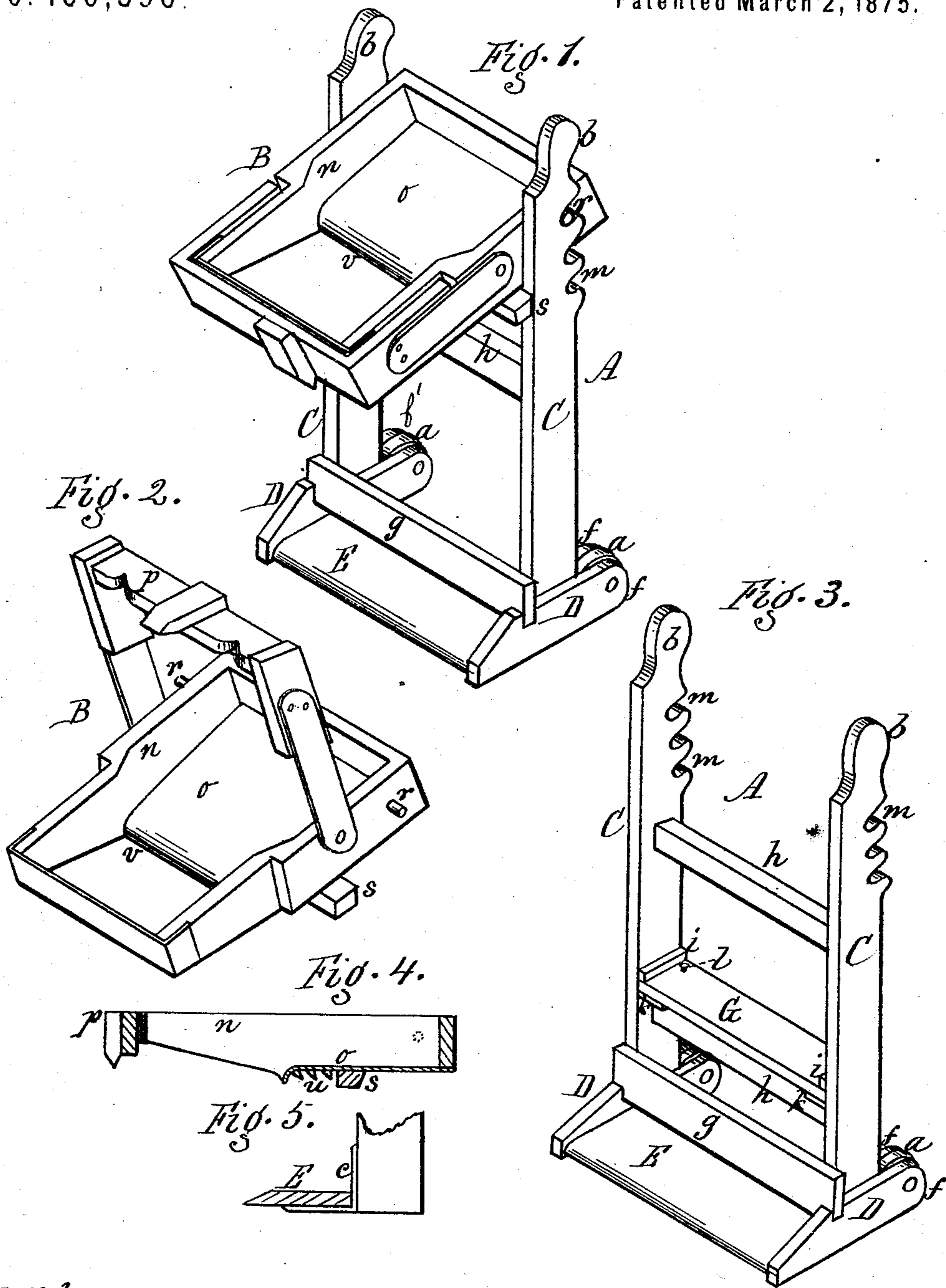


L. CROFOOT.
Bag-Holder.

No. 160,396.

Patented March 2, 1875.



Witnesses.
Edwin B. Scott
Jacob D. Jones

Inventor.
Leonard Crofoot,
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Atty.

UNITED STATES PATENT OFFICE.

LEONARD CROFOOT, OF PAVILION, NEW YORK.

IMPROVEMENT IN BAG-HOLDERS.

Specification forming part of Letters Patent No. **160,396**, dated March 2, 1875; application filed September 21, 1874.

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 Combined Bag-Holders and Trucks; 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 accompanying drawings, in which—

Figure 1 is a perspective view of the complete apparatus. Fig. 2 is a similar view of the spout detached. Fig. 3 is a similar view of the supporting-frame. Fig. 4 is a longitudinal section of the spout. Fig. 5 is a detail view, showing the attachment for the platform.

This invention relates to certain improvements in bag-holders; and the object of my invention is to construct the same so that they may be used for short or long bags.

The improvements are fully hereinafter described, and pointed out in the claim.

In the drawings, A represents the supporting-frame, and B the spout. The frame consists of two standards or uprights, C C, which are screwed or otherwise attached to feet D D, in the rear end of which are small wheels *a a*, by which means, when the bag has been filled and the frame turned back, the device serves as a truck, and may be wheeled to any desired place by means of the handles *b b* at the upper end of the standards, the bottom of the bag resting on the platform E, which is attached to the frame by means of metallic straps *c c*, as shown in Fig. 5. By removing the wheels and the platform, a stationary bag-holder is produced, serving the same purpose, except as a truck. I prefer to form the feet of two pieces, *f f'*, screwed, bolted, or otherwise attached on opposite sides of the standards, so as to leave a space between for the reception of the wheels. A cross-piece, *g*, is used at the lower end, notched or halved into the upper edges of the feet, and secured to the front edges of the standards by screwing or nailing. When the platform is removed this cross-piece stiffens the bottom of the frame and keeps it in place. The frame is braced by a suitable number of cross-pieces, *h h*, extending crosswise. On top of one of

these is an intermediate or removable platform, G, extending crosswise between the standards, being secured above by cleats *i i*, and resting at the bottom on short boards *k k*, supported by the cross-piece. This platform is removable, so that it can be taken off when not in use, and it is held in place by pins *l l*, which pass through it behind the cross-piece *h*. This platform serves as a support for short bags, which would not reach to the lower platform E; and it also serves a useful purpose as a seat for children in using the truck as a plaything when the spout is removed from place. In such case the upper platform forms the seat, while the lower platform serves as a foot-rest. The platform G may be attached in place in any other desired manner than that above described.

At the upper end and in the back edges of the standards C C are formed a series of open notches, *m m*, inclining downward, and which serve to receive the pivot-pins of the spout, as will presently be described.

The spout B may be square, angular, circular, or of any other form. *n* is the frame, *o* is the bottom, and P is the clamp which shuts down to hold the mouth of the bag in place. In addition to these features it has, near its rear end, two pivot-pins, *r r*, which rest in the open notches *m m* of the standards before described, and on its bottom stops *s s*, which project each side and strike against the front edges of the standards, leaving the spout supported in the proper inclined position for discharging the grain into the bag. The spout has also on its bottom, at each side, a series of hooks or projections, *u u*, Fig. 4, to which the rear edge of the bag is secured, and by which the device is adapted to bags of different sizes.

A large bag can be hooked upon the rear hooks, while a small one can be fastened to the front hooks, thus always keeping the mouth of the bag straight. I also make the outer edge *v* of the bottom *o* depressed or turned downward, as shown, so that as the edge of the bag sags or loosens the bend in the bottom will be sure to throw the grain over the edge and into the bag.

The advantage in this part of my invention consists more especially in the employment of

the open notches *m m*, the pivot-pins *r r*, and the stops *s s*, by which means the spout remains separate and distinct from the frame, and can be adjusted higher or lower in a moment's time by simply raising the front end, which allows the pivot-pins to rise from their sockets, when the adjustment can be made. The front end on being dropped again secures the spout in place by the mutual binding of the pivots and stops upon the opposite edges of the standards. By this means I avoid making the spout an attachment to, or rather a fixture with, the frame, and obviate the necessity of a loosening and tightening adjustment, which takes much time in a bag-holder.

The construction of the frame with the open notches *m*, the platforms *E G*, and the truck-wheels *a a*, is different from any bag-holder with which I am acquainted. The notches

allow the ready adjustment of the pivot-pins, and the two platforms allow short and long bags to be filled.

What I claim is—

In combination with the standards *C C*, having the open notches *m m* and spout *B*, with its clamp *p*, the lower platform *E* arranged at the bottom of the standards, and the intermediate removable platform *G*, arranged between the lower platform and the spout, substantially as and for the object specified.

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

LEONARD CROFOOT.

Witnesses:

R. F. OSGOOD,

EDWIN B. SCOTT.