

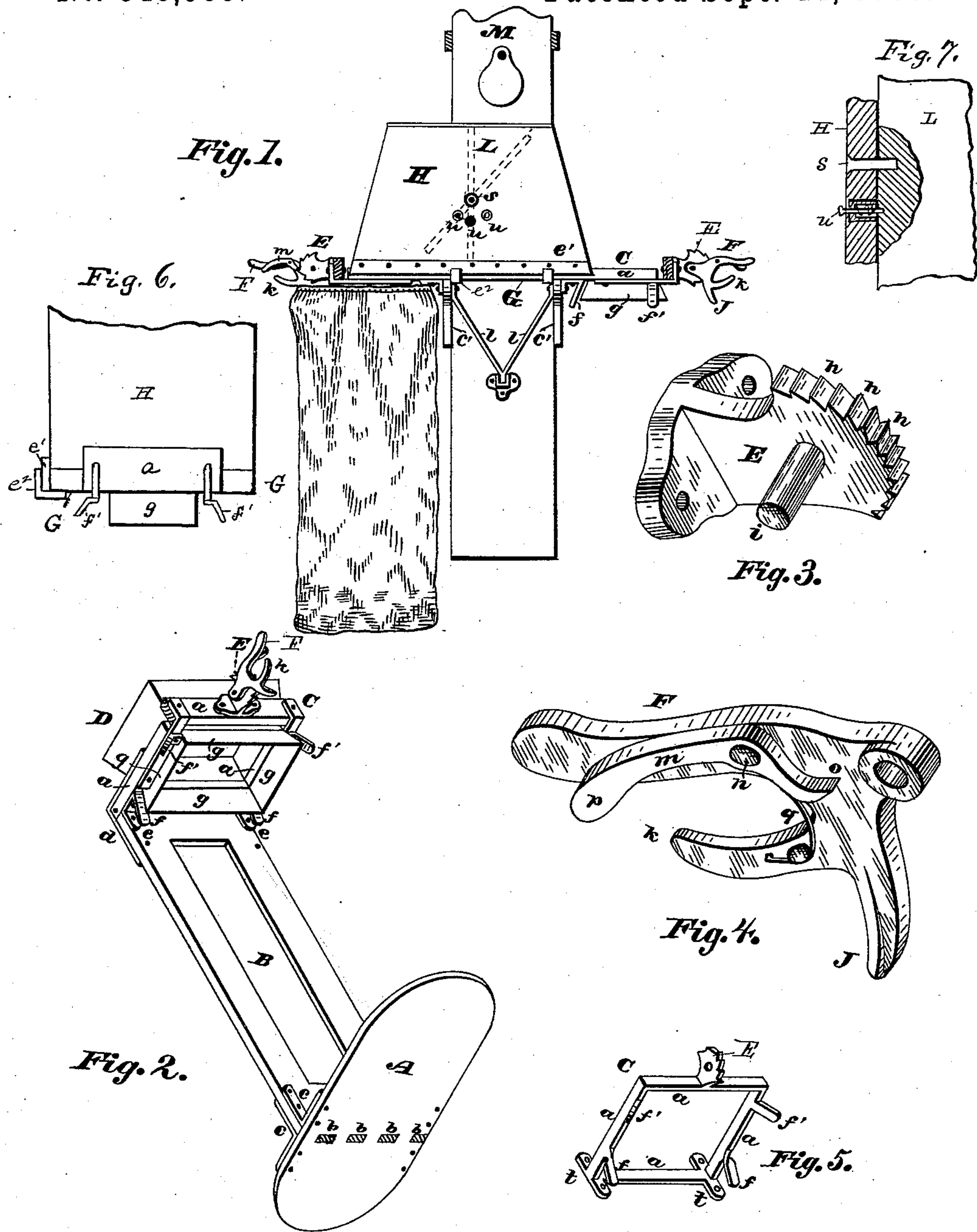
(No Model.)

J. MILLER.

BAG HOLDER.

No. 348,986.

Patented Sept. 14, 1886.



WITNESSES

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BAG-HOLDER.

SPECIFICATION forming part of Letters Patent No. 348,986, dated September 14, 1886.

Application filed December 5, 1885. Serial No. 184,830. (No model.)

To all whom it may concern:

Be it known that I, JACOB MILLER, a citizen of the United States, and a resident of Canton, county of Stark, State of Ohio, have invented
5 a new and useful Improvement in Bag-Holders, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification.

10 My invention relates to improvements in bag-holders; and it consists in the parts and combination of parts, as will be more fully described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is
15 a view in elevation showing my invention applied to a movable hopper. Fig. 2 is a view in perspective showing the same applied to an ordinary supporting-standard. Fig. 3 is a perspective view of the notched sector. Fig.
20 4 is a similar view of the hand-lever. Fig. 5 is a view of a modified form of supporting-frame. Fig. 6 is an end view of the table G, with the bag-holder removed, showing the movable hopper thereon; and Fig. 7 is a view
25 showing the manner of locking the partition to the hopper.

A represents the bottom or foot board or base of the vertical standard B, the latter carrying at its upper end the frame C. The stand-
30 ard B is secured to the foot-board or base A by tenons *b* and angle-irons *c*, and the frame C, which is composed of the parts *a*, is secured to said standard by the angle-irons *d* and *e*.

Fingers *f f'*, preferably made of metal, are
35 secured to the lower side of the frame C, and are spread out at their lower ends to form catches for the rim of the bag. Guard-boards *g* are secured to the frame C, between the fingers *f f'*, for the purpose of preventing the
40 grain, when passing from the hopper to the bag, from escaping over the top of the bag.

E is a sector secured to outer end of the frame C, preferably at a point midway between the side edges of said frame, and is pro-
45 vided on its periphery with teeth *h*, and on one side, at a point concentric with the periphery thereof, with the stud or trunnion *i*, on which the hand-lever F is journaled. This hand-lever is provided with a finger, J, or fingers J
50 *k*, and with a pawl, *m*, the latter being pivotally connected at the point *n* with said lever. The end of the pawl *m* is enlarged, so that its

weight will hold the end *o* of the pawl in contact with the teeth *h* of the sector E. If preferred, in addition to the weight of the handle, 55 there may be provided a spring, *q*, for assisting in holding the pawl in contact with the sector.

The manner of using the bag-holder is as follows: First, take the bag-hem and pass one 60 side of the same over the fingers *f*, then draw the balance of the hem out over the boards *g* and fingers *f'*, and over the finger J of the hand-lever F. The hand-lever F is then grasped by the operator and turned upwardly 65 on its trunnion, which takes up all the slack of the hem and securely fastens the mouth of the bag to the holder.

Instead of constructing the frame C in sections, as shown in Fig. 2, it can be formed of 70 metal in a single piece, as shown in Fig. 5. In this latter construction the fingers *f* and *f'* and sector E are formed integral with the frame C, and the latter is also provided at its inner end with the flanges *t*, by which the frame is 75 secured to a standard or other support.

In Fig. 1 my improved bag-holder is adapted for use in connection with a two-compartment movable hopper, similar to the one shown and described in my application No. 176,109, 80 filed September 3, 1885. This hopper is supported on a frame or table, G, secured to the brackets *c'* and braces *l*, and is provided at its ends with openings, around which and on the under side of the frame are secured the fingers 85 *f f'* and guards *g*. To the opposite ends of the frame are secured the sectors carrying the levers F. The hopper H opens at top and bottom, is somewhat shorter than the frame G, and is adapted to be moved back and forth 90 on said frame for the purpose of bringing the hopper first over one bag and then over the other, and is guided in its movement by the strip *e'*, secured to the hopper and resting in guides *e''*, formed on or secured to the frame G. 95 The hopper rests under a continuously-discharging spout, M, and is provided with a central partition, L. (Shown in dotted lines, Fig. 1, and in full lines in Fig. 7.) This partition is pivoted at *s* to the sides of the hop- 100 per, and is held in either a vertical or oblique position by the spring-bolts *u*, secured in the front face of the hopper and engaging one side edge of the partition. When the partition is

in a vertical position and the hopper is moved, the grain from the spout M falls first into one compartment and then into the other, and is deposited in the bags located at the opposite ends of the frame. When it is desired to fill the bags from one side of the machine only, the partition is turned to the proper position, thereby enabling the operator to direct the grain into the bag located at either side of the frame G.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination of a support, a frame secured thereto and having depending fingers outwardly inclined, as shown, a sector having teeth on the periphery thereof, a hand-lever having a finger adapted to engage the hem of the bag, and a pawl journaled on the lever and engaging the teeth of the sector, substantially as set forth.

2. The combination, with a support, a frame

secured thereto and having depending fingers *ff'*, and guard-boards *g*, of the sector secured to the frame and provided with teeth, a hand-lever journaled to sector and having a finger adapted to engage the hem of the bag, and a pawl pivoted to the lever and engaging the teeth of the sector.

3. The combination, with a table, the sectors secured thereto and having teeth on the peripheries thereof, hand-levers pivoted to the sectors, each hand-lever having a finger adapted to engage the hem of the bag, and the pawls journaled on the levers and engaging the teeth of the sectors, of a movable hopper having a pivoted partition, substantially as set forth.

In testimony whereof I have hereunto set my hand this 2d day of December, A. D. 1885.

JACOB MILLER.

Witnesses:

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