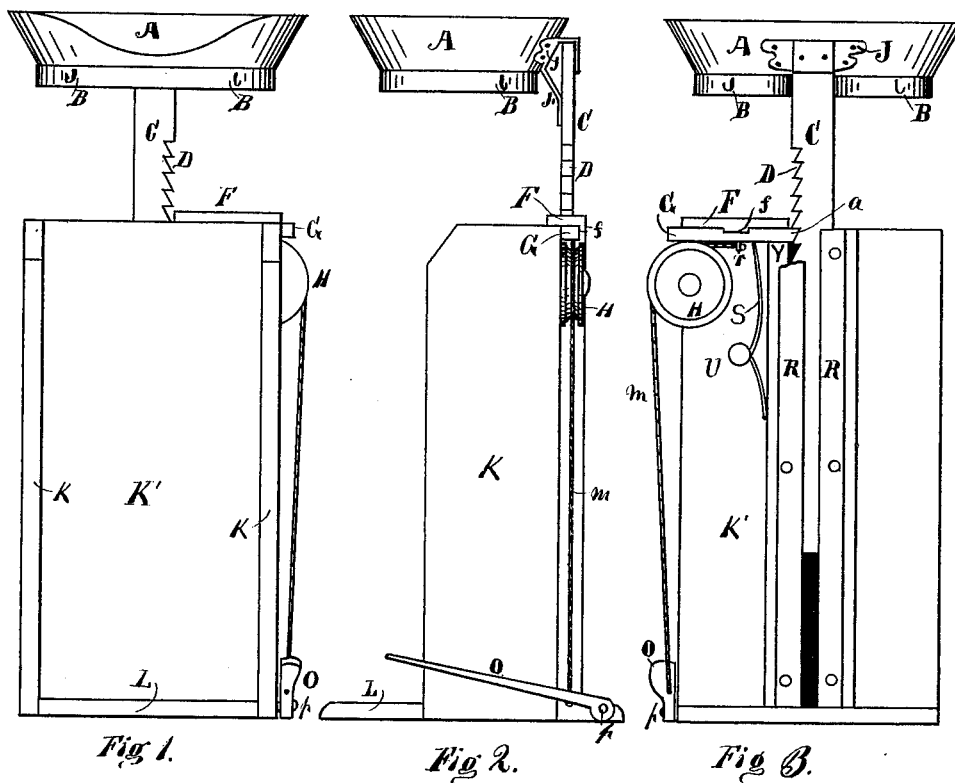


W. H. DUNGAN.  
Bag-Holder.

No. 200,857.

Patented March 5, 1878.



WITNESSES;

*Chas. C. Marsh*  
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# UNITED STATES PATENT OFFICE.

WILLIAM H. DUNGAN, OF JOHNSON COUNTY, INDIANA.

## IMPROVEMENT IN BAG-HOLDERS.

Specification forming part of Letters Patent No. 200,857, dated March 5, 1878; application filed October 31, 1877.

*To all whom it may concern:*

Be it known that I, WILLIAM H. DUNGAN, of Johnson county, State of Indiana, have invented a new and useful Improvement in Bag-Holders, of which the following is a description, reference being had to the accompanying drawings.

The object of my invention is to attach an adjustable bag-holder to a three-sided frame or box in such a manner as to allow the bag-holder to be adjusted up and down, and to provide a means of holding the bag while being filled, all of which shall be light, durable, and portable.

My invention consists of the construction, arrangement, and mode of operation of devices, as will be hereinafter fully set forth and described.

Figure 1 represents a front elevation of my improved apparatus. Fig. 2 is a side elevation of the same. Fig. 3 is a rear elevation, showing the operating parts more fully.

K K K' represent the sides and back of the box or frame, having a bottom, L, that extends to the front and rear, as shown in Fig. 2, to form a foot or base to support the apparatus. At the rear of the back K' are secured upright guide-strips R R Y, in which operates the slide C, which has notches D formed on one side, as shown. At the top of this slide C is attached the bag-holder A, by means of the bracket J J'.

This bag-holder may be of any ordinary form, provided with sharp hooks B B, on which the bag is hung while being filled.

At the top of the back K' is arranged a horizontally-sliding pawl, G, which operates under the cap F, that is provided with suitable guides f, as shown. One end, a, of this pawl G operates in the notches D of the slide C, and has an under support formed by the top end of the guide-strip Y. (Shown in Fig. 3.) The other end of the pawl G operates on the top of the sheave H, which forms a friction-roller therefor.

This sheave H is designed to be located

near the top of the back K', over which the rope m operates as a lever. One end of this rope m is secured to the pawl G at r. The other end is attached to the treadle O, which is pivoted to the side K or bottom L at p, as shown.

The spring S is coiled around the stud U, and the upper end is attached to the pawl G in such a manner as to force the pawl against the notched side of the slide C.

The sides K K are designed to hold the bag steady while being filled, and prevent it from tipping to either side.

The operation of my improved device is as follows: The bag is hung on the hooks B B in the usual manner, so as to hang between the sides K K of the box or frame. The bag-holder is then raised up to suit the length of the bag, and is held in this position by means of the pawl G engaging with the notches D in the slide C until filled. When the bag is full, the foot of the operator is pressed on the treadle O, which moves the pawl G back from the slide C by means of the rope m and sheave H, thus releasing the slide C and allowing it, with the bag-holder A, to drop down for the purpose of releasing the bag from the hooks B, and for the attachment of another bag.

The sheave H may be omitted and the pawl G operated by a bell-crank; although I prefer the sheave and cord as a more perfect lever in this case.

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

The combination of the box, the slide C, holder A, sliding frame G adapted to notches in the slide C, wheel H, forming a frictionless support for the pawl, rope m, and lever O, as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM H. DUNGAN.

Witnesses:

E. O. FRINK,  
S. C. FRINK.