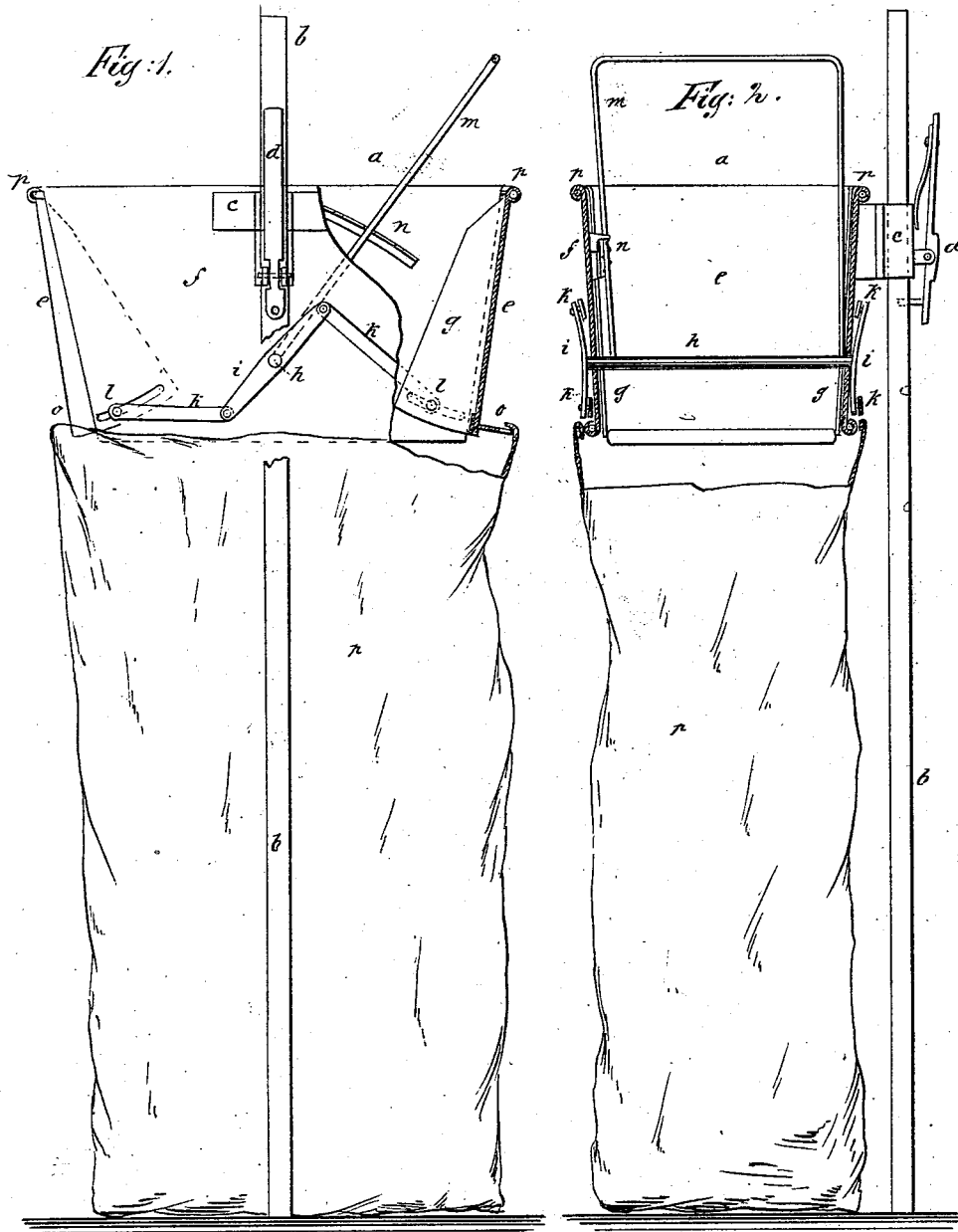


J. L. FRIEDRIECH.
Bag-Holder.

No. 207,412.

Patented Aug. 27, 1878.



WITNESSES:

Chas. Nida
C. Sedgwick

INVENTOR:

J. L. Friedrich
BY *Munn & Co*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JACOB L. FRIEDRIECH, OF WEST BRANCH, MICHIGAN.

IMPROVEMENT IN BAG-HOLDERS.

Specification forming part of Letters Patent No. **207,412**, dated August 27, 1878; application filed June 14, 1878.

To all whom it may concern:

Be it known that I, JACOB L. FRIEDRIECH, of West Branch, in the county of Ogemaw and State of Michigan, have invented a new and useful Improvement in Bag-Holders, of which the following is a specification:

The object of my invention is to provide for quickly and readily attaching a bag to a hopper or spout, or detaching the same, and adapting the holder to various-sized bags.

The invention will first be described in connection with the drawing, and then pointed out in the claim.

In the drawing, Figure 1 is a side elevation of my improved bag-holder, partially in section, and with a bag attached; and Fig. 2 is a cross-section of the same.

Similar letters of reference indicate corresponding parts.

a represents a hopper of wood or metal. This, however, may be the end of a spout, to which the devices shown and described may be applied equally as well.

b is a rod or standard supporting the hopper *a* by a slide, *c*, affixed to the hopper *a*, and capable of moving vertically upon the rod *b*, and held at any desired point by a spring-catch, *d*.

e e are the hopper ends, hinged or pivoted at the upper edge to the sides *f* of the hopper, as seen at *r*; and *g g* are wings or side pieces forming part of the ends *e*, and setting against the sides *f* at each side, to close the opening between the sides and ends.

h is a rod or shaft, fitted loosely across the center of the hopper *a*, and projecting at each side. The projecting ends of this rod *h* have a double crank or arms, *i*, fixed rigidly upon the rod *h*.

k k are links from the crank or arms *i*, con-

nected to the wings *g g* at each side by pins *l l* passing through elongated slots in the sides *f f*.

m is a handle or lever secured to the shaft *h*, and held at any desired point by a notched segment, *n*, on the side *f* of the hopper.

o o are teeth upon the bottom edge of hopper ends *e*, at the outside.

When it is desired to attach a bag to the hopper the lever *m* is raised to draw the ends *e e* inwardly far enough to allow the open end of the bag *p* to be placed loosely over the bottom of the hopper *a*. The lever *m* is then depressed, which has the effect, by the action of the crank-arms *i* and links *k*, to spread the ends *e e* of the hopper outwardly and cause the teeth *o* to take hold of the bag, and this motion is continued until the bag is stretched tightly upon the hopper, when the handle *m* may be caught in one of the notches in the segment *n* to hold the handle in position. The hopper *a* can now be adjusted upon the rod *b* to the proper height for the bag. The reverse action of the lever draws the hopper-ends *e* toward each other and allows the bag to drop off the teeth *o*.

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

The hopper *a*, having the toothed ends *e* pivoted to the slotted sides *f*, and provided with wings *g*, in combination with the loose projecting rod *h*, having arms *i*, the links *k k*, having the pins *l l*, and the lever *m*, as and for the purpose specified.

JACOB L. FRIEDRIECH.

Witnesses:

JOHN MORISON,
O. F. HENRYWELL.