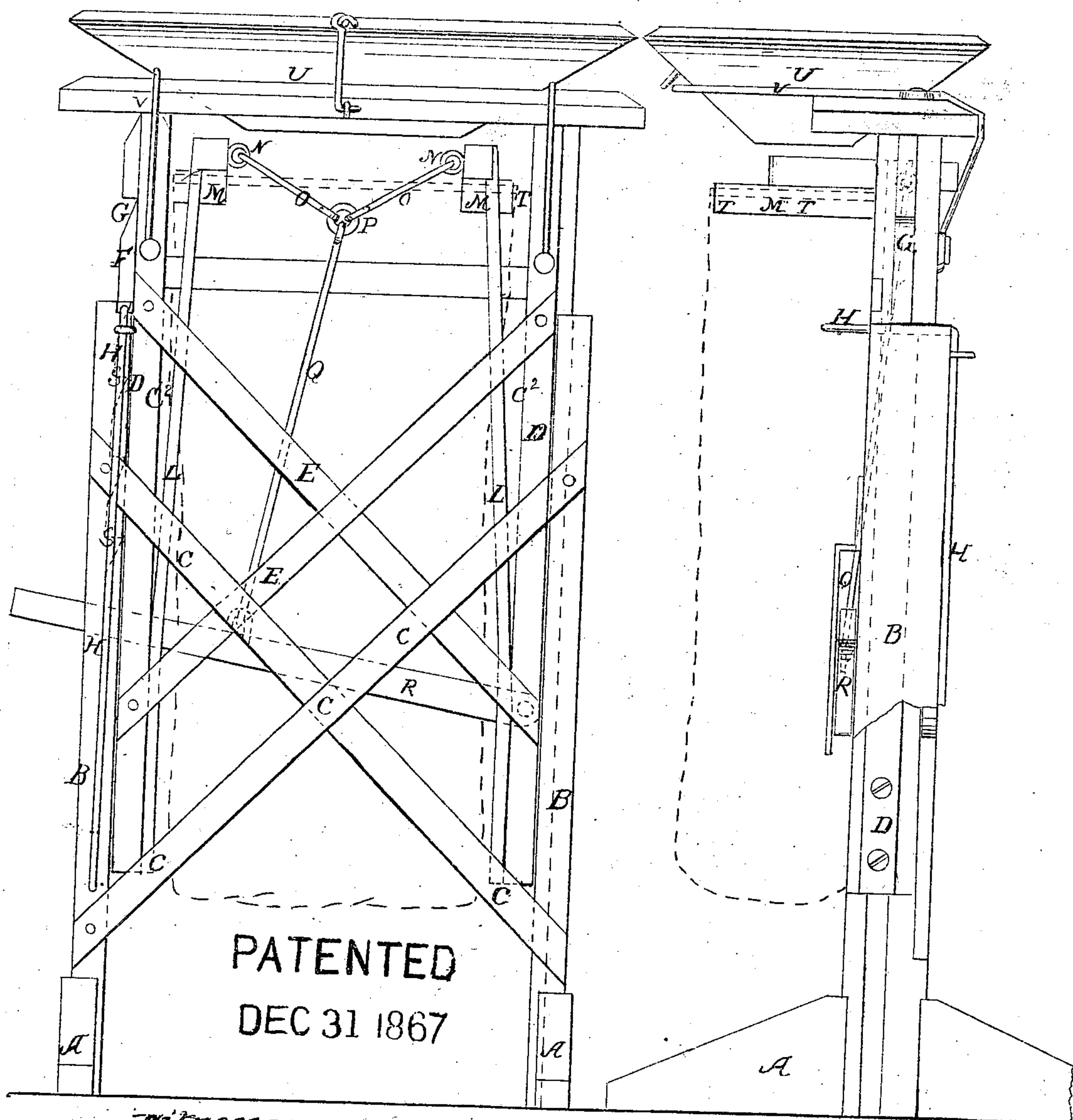


# C.D. Brainerd's Bag Holder

72788

Fig. 1.

Fig. 2.



Witnesses,  
*Thos. Enche*  
*W. Jewell*

Inventor:  
*C. D. Brainerd*  
 Per *Munn & Co.*  
*Attorneys*



# United States Patent Office.

CHARLES D. BRAINERD, OF DANVILLE, VERMONT.

Letters Patent No. 72,788, dated December 31, 1867.

## 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, CHARLES D. BRAINERD, of Danville, in the county of Caledonia, and State of Vermont, have invented a new and improved "Bag-Holder;" and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The present invention consists, first, in a novel manner of hanging or arranging two jaws or arms for holding the mouth of bags open while being filled, by means of which the said jaws or arms can be drawn together or toward each other to admit of the mouth of the bag being easily placed upon and over them, as well as to accommodate bags of different widths, the jaws or arms when released immediately springing apart, and thus tightly grasping and firmly holding the bag in its place or position; second, in a novel construction or arrangement of the bag-holder frame, whereby it can be adjusted, and set to accommodate bags of different lengths. In the accompanying plate of drawings my improved bag-holder is illustrated—

Figure 1 being a view and elevation of the holder from its rear side, and

Figure 2 an elevation of one end.

Similar letters of reference indicate like parts.

A, in the drawings, represents the base or stand to the holder. B, upright bars secured thereto, and braced by crossing stay-rods or bars C. In and between the upright bars B a frame, C<sup>2</sup>, is arranged to slide up and down, or in a vertical plane, this frame being formed of side uprights, D, braced and joined together by crossing stay-rods, E. The edge F to one of the uprights D of the frame C<sup>2</sup> is formed with ratchet-teeth G, at suitable distances apart, with which a spring-lever pawl, H, hung to one of the bars B of the main portion of the bag-holder, is arranged to interlock, so as to enable the said frame C<sup>2</sup> to be sustained or supported at various heights, whether more or less great, as and for a purpose to be hereinafter described. To the inner edge of each of the side pieces of the frame C<sup>2</sup> is fastened a similar spring-band, L, at one end, with its other loose, and there provided with a curved or arc-shaped jaw or arm, M. N, an eye in each of the jaws M, to which are hung rods, O, hung to a common ring or loop, P, that, through a rod, Q, is connected and hung to a treadle or lever, R, hung to the frame C, so as to move up and down in a vertical plane. By pressing down upon the treadle R, the jaws will be drawn together or toward each other, when, removing the foot therefrom, the jaws, by the action of the spring-bands L, to which they are fastened, will be immediately thrown apart or away from each other. T, pins, sharpened at their points, and inserted in the outer side of the jaws or arms M. U, a hopper, supported above the jaws M by and upon a wire or other suitable frame, V, that is fastened to the moving frame C.

Having thus described the construction of my improved bag-holder, I will proceed to explain the manner in which the same is used.

First, take the mouth of the bag in hand, press upon the treadle R until the jaws M are drawn together sufficiently to admit of the bag-mouth being placed upon and between them, remove the foot from the said treadle R, and the jaws immediately spring apart, firmly binding the bag upon them, and there holding it with its mouth open, the pins in the said jaws piercing the sides of the bag, and consequently acting to more perfectly secure it thereon. Now release the pawl H from the teeth on the side to the frame C, and raise such frame until the bag is suspended above the floor sufficiently, when, secure the frame by interlocking the said pawl with the ratchet-teeth. Into the hopper then pour the grain or other material with which it is to be filled, or nearly so, when, from such hopper it will pass down into the bag through its open mouth, when, the bag having been sufficiently filled, it is removed by lowering the frame C<sup>2</sup> and pressing down upon the treadle sufficiently to allow the jaws to be readily released therefrom.

Before raising the bag from the ground, by sliding the frame up the bag can be partially-filled with the grain or other material, and, if a two-bushel bag, one bushel can be put in while it is closed, when, raising the bag sufficiently, the other bushel may be poured into the same, it being rendered much easier by that mode.

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

The combination of the spring-bands L, secured at one end to the sliding frame C<sup>2</sup>, jaws M, eyes N, rods O and Q, and treadle R, all arranged and operating as herein described, for the purpose specified.

CHARLES D. BRAINERD.

Witnesses:

HIRAM BRAINERD,  
GEO. W. BAXTER.