

W. ZIMMERMAN.

Sack Scales.

No. 96,759.

Patented Nov. 9, 1869.

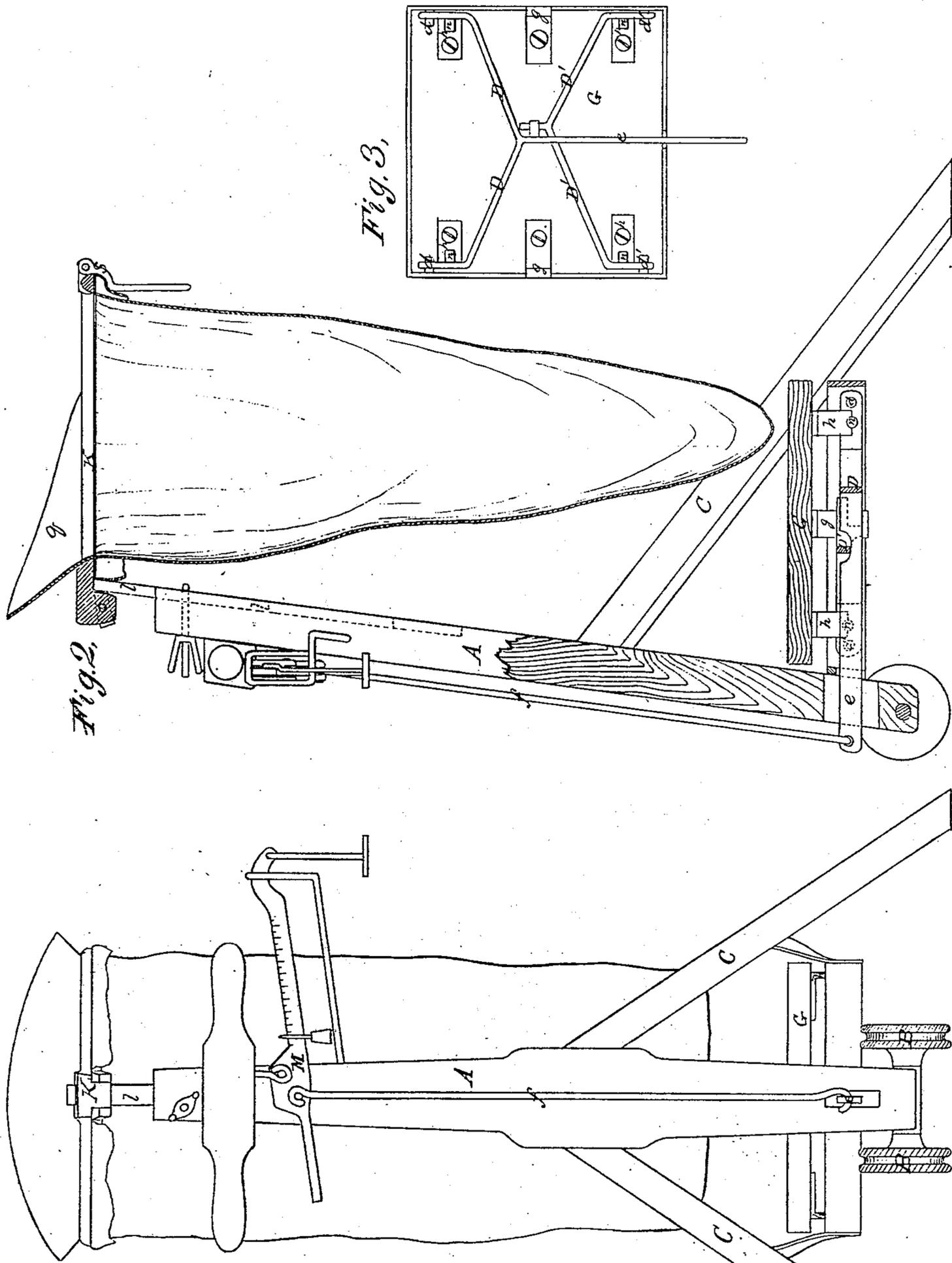


Fig. 1,

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# United States Patent Office.

WILLIAM ZIMMERMAN, OF LEBANON, PENNSYLVANIA.

Letters Patent No. 96,759, dated November 9, 1869.

## COMBINED BAG-HOLDER AND SCALES.

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, WILLIAM ZIMMERMAN, of Lebanon, in the county of Lebanon, and State of Pennsylvania, have invented a new and valuable Improvement in Bag-Holders; 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 annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1, of the drawings, is a rear view of my invention, showing the weighing-device.

Figure 2 is a central vertical section of the same.

Figure 4 is a detached view of that portion of the frame on which the platform rests, showing the compound lever.

My invention relates to bag-holders, and consists mainly in the construction and novel arrangement of devices whereby the filled sack is weighed when it falls upon the platform of the truck.

The letter A of the drawings designates a truck-frame.

B B, the wheels thereof.

C C, braces, which assist in sustaining that portion of the frame on which the platform rests.

D D' are cross-bars, pivoted, at the points *d d'*, to the frame, forming a compound lever, connected to the scale-beam M by the bar *e* through the connecting-rod *f*.

The bar *e* passes through a slot in the central beam of the truck-frame.

G is the platform, secured to the frame by the clamps *g g*, and supported on the uprights *h h*, whose notched ends rest on the pins *n n* of the compound lever D D'.

It is apparent that a weight falling on the platform

G, will depress it, and thus operate the weighing-scale M, suspended just under the truck-handles.

K designates the bag-holding clamp, which consists of two metallic rings, whose meeting-surfaces are fitted closely to each other.

The upper ring, to which is attached a crescent-shaped guide or fender, *q*, is secured to the top of a sliding bar, *l*, which plays in a longitudinal slot, formed in the central beam of the truck-frame, and is adjusted to any desired height, by means of a clamp-screw and nut.

The sliding bar and groove show the dovetail-form in section.

The lower ring is hinged to the upper one, and, when the sack is adjusted, is secured to the upper ring by means of the clamp *s*.

The edge of the bag is thus held firmly.

When filled, the clamp *s* is loosened, the lower-ring falls, and the sack is deposited on the platform G, and its weight noted, when it is conveyed away, to make room for another.

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

The bag-holder herein described, having fender *q* and adjustable support *l*, in combination with the truck A, having braces C C and platform-scale G, constructed and arranged to operate substantially as specified.

In testimony that I claim the above, I have hereunto subscribed my name, in the presence of two witnesses.

WILLIAM ZIMMERMAN.

Witnesses:

BAPHE BOYER,  
WM. W. MURRAY.