

(No Model.)

W. S. HOWARD.
BAG HOLDER.

No. 568,253.

Patented Sept. 22, 1896.

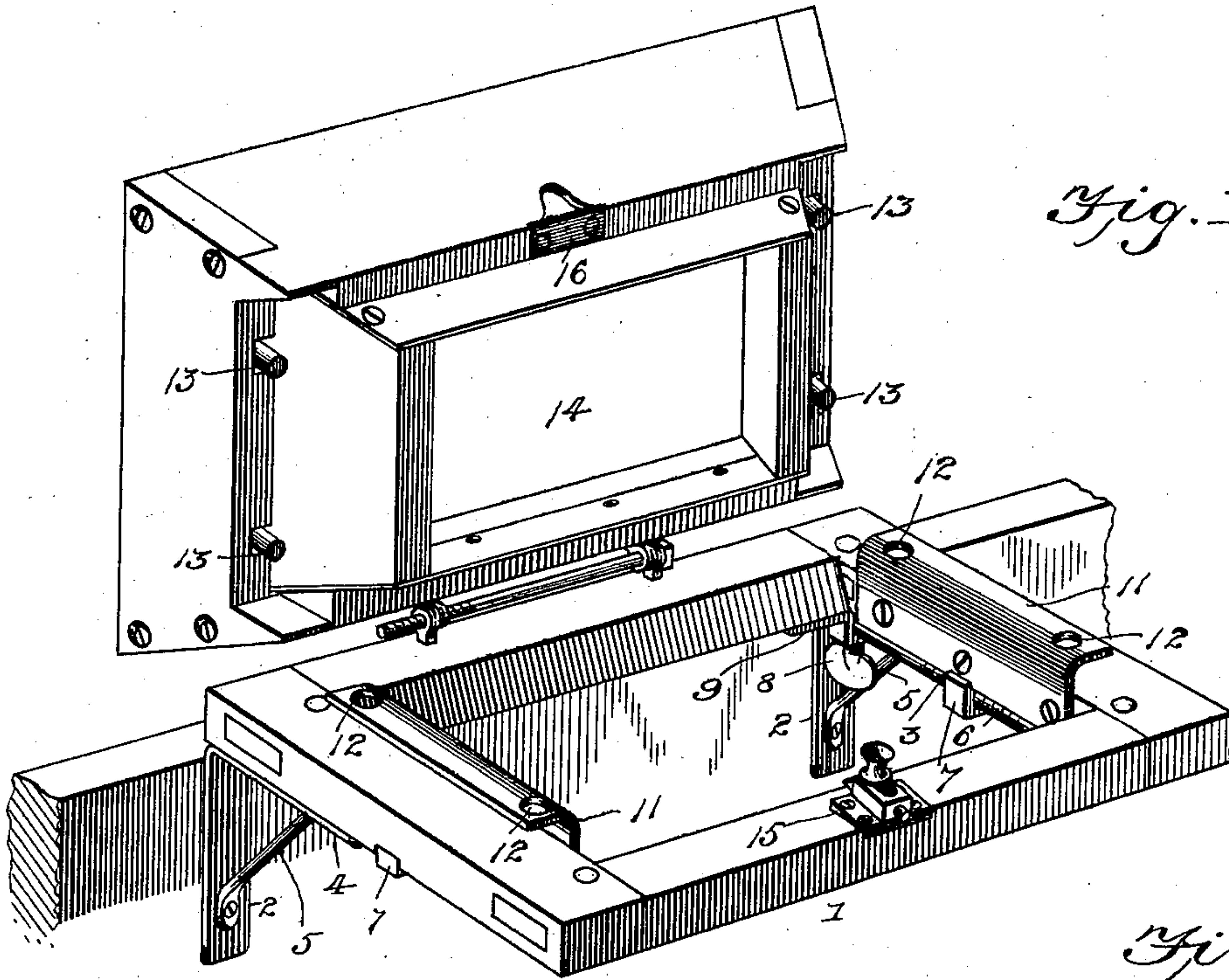


Fig. 1.

Fig. 3.

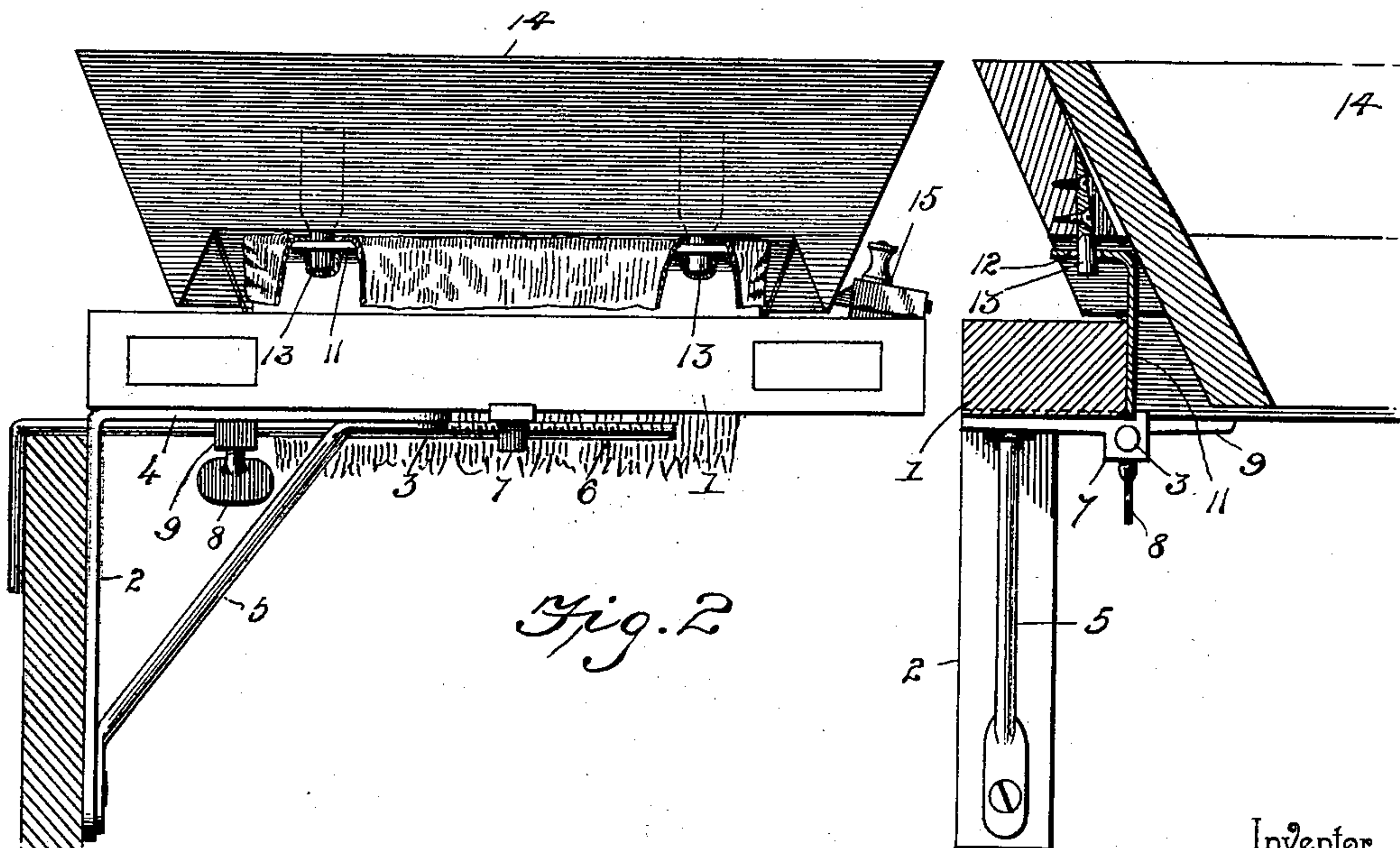


Fig. 2.

Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM STEPHEN HOWARD, OF LYCOMING, NEW YORK.

BAG-HOLDER.

SPECIFICATION forming part of Letters Patent No. 568,253, dated September 22, 1896.

Application filed February 21, 1896. Serial No. 580,231. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM STEPHEN HOWARD, a citizen of the United States, residing at Lycoming, in the county of Oswego and State of New York, have invented a new and useful Bag-Holder, of which the following is a specification.

The invention relates to improvements in bag-holders.

10 The object of the present invention is to improve the construction of bag-holders and to provide a simple, inexpensive, and efficient one possessing great strength and durability, adapted to be readily applied to a bin, barrel, box, or any similar support, and capable
15 of readily receiving and securely holding a bag without injuring the same.

The invention consists in the construction and novel combination and arrangement of
20 parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claim hereto appended.

In the drawings, Figure 1 is a perspective view of a bag-holder constructed in accordance with this invention; the clamping-frame, which forms a hopper, being swung back to permit a bag to be placed on the supporting-frame. Fig. 2 is a side elevation, partly
25 in section, illustrating the manner of supporting a bag. Fig. 3 is a vertical sectional view taken longitudinally of the bag-holder through one side thereof.

Like numerals of reference designate corresponding parts in all the figures of the drawings.
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1 designates a rectangular supporting-frame having a rectangular bag-receiving opening and provided at its inner or rear edge with depending rigid and adjustable
40 jaws 2 and 3, adapted to engage the upper edge of a bin, box, barrel, or the like for supporting the bag-holder at the desired elevation. The rigid jaws are located at the ends of the supporting-frame, and each consists of
45 a substantially triangular bracket having a horizontal arm 4 secured to the lower face of the supporting-frame, a vertical arm for engaging the outer face of a box, bin, barrel, or the like, and an inclined brace 5, connecting
50 the outer end of the horizontal arm with the lower end of the depending arm which forms the rigid jaw.

The adjustable jaw is substantially L-shaped, consisting of a depending portion and a horizontal shank 6. The shank 6 has
55 its outer portion threaded and engaging a threaded opening of a plate 7, which is secured to the lower face of the supporting-frame, and the adjustable jaw is adapted to be rotated to vary the distance between it
60 and the rigid jaw to enable the clamping mechanism to be adjusted to suit the thickness of the support. The adjustable jaws are rigidly secured at the desired adjustment and are prevented from rotating accidentally by
65 clamping-screws 8, mounted in threaded perforations of guides 9, which have openings for the passage of the shanks. The openings of the guides 9 are alined with the threaded
70 perforations of the plates 7, and are located adjacent to the inner edge of the supporting-frame, the plates 7 being arranged at points intermediate of the end bars of the frame 1.

When the bag is placed on the holder, its upper edge is received by supports 11, consisting of substantially L-shaped plates secured to the inner edges of the end bars of the supporting-frame and extending above the upper face of the latter, forming L-shaped
75 flanges. The horizontal portions of the L-shaped bag-supports are provided with perforations 12, through which portions of the bag are forced by depending studs or projections 13 of a clamping-frame 14. The clamping-frame 14, which constitutes a hopper, is
80 hinged at its rear to the rear edge of the supporting-frame, and it is secured to the front of the latter by a spring-actuated catch 15, mounted on the front side bar of the supporting-frame and arranged to engage a keeper-
85 plate 16 of the clamping-frame. The bolt of the catch is beveled at its upper face to enable it to be depressed and to engage the clamping-frame automatically when the latter is closed.
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The sides and ends of the clamping-frame are arranged at an inclination to form a hopper, and the lower end of the latter fits within a bag, which may be conveniently filled.

It will be seen that the bag-holder is exceedingly simple and inexpensive in construction, that it is strong and durable, and that it will enable bags to be readily filled and handled. It will also be apparent that the
95 100

bag-holder may be readily mounted on a bin, box, barrel, or other suitable support and that its clamping devices are capable of ready adjustment to accommodate themselves to the
5 thickness of such supports.

Changes in the form, proportion, and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

10 What I claim is—

A bag-holder comprising a horizontal supporting-frame, the L-shaped bag-supports secured to the supporting-frame at opposite sides thereof and having horizontal portions
15 extending over the supporting-frame and provided with perforations, the clamping-frame hinged to the supporting-frame, constituting

a hopper and extending downward into the supporting-frame below the upper portions of the bag-supports and adapted to project into
20 the mouth of a bag, the depending projections mounted on the clamping-frame between the top and bottom thereof and adapted to project through the perforations of the bag-supports and engage a bag, and a locking device
25 for securing the clamping-frame in a horizontal position.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM STEPHEN HOWARD.

Witnesses:

BURTON C. BRIGGS,
DAVID HOWARD.