

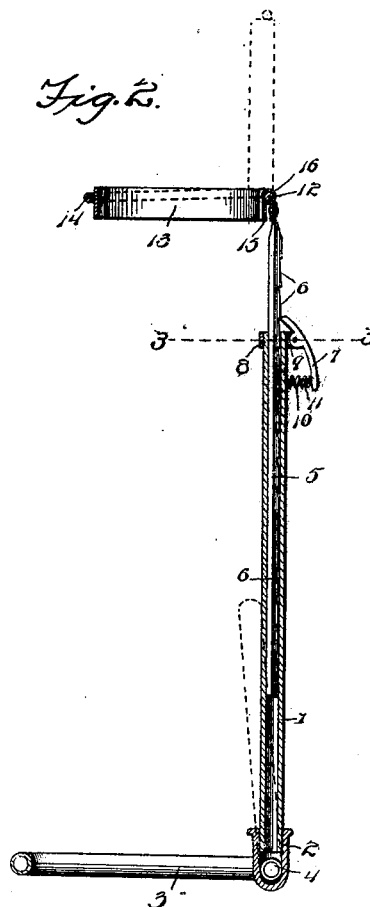
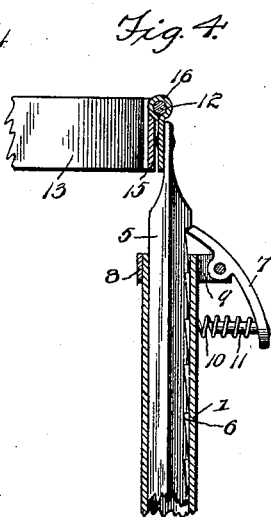
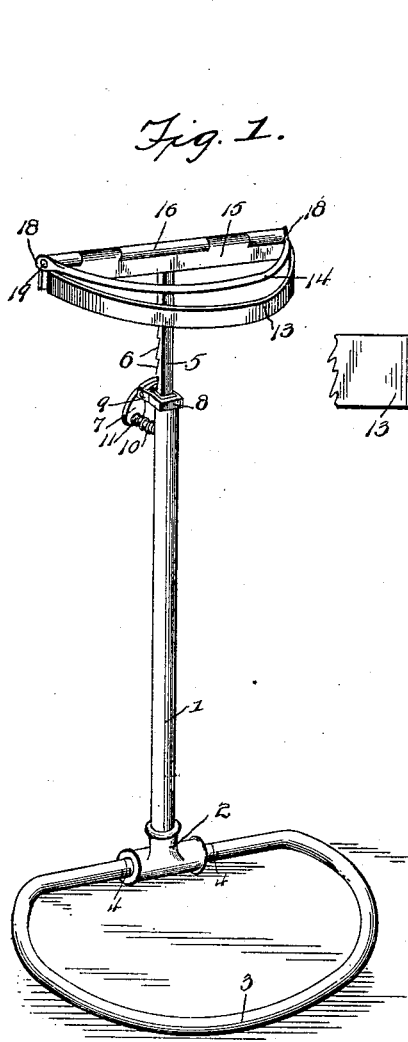
No. 646,762.

J. U. & R. F. RESER.
BAG HOLDER.

Patented Apr. 3, 1900.

(Application filed Feb. 8, 1899.)

(No Model.)



Witnesses

Ralph Shepard
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UNITED STATES PATENT OFFICE.

JAMES U. RESER AND ROY F. RESER, OF CELINA, OHIO.

BAG-HOLDER.

SPECIFICATION forming part of Letters Patent No. 646,762, dated April 3, 1900.

Application filed February 8, 1899. Serial No. 704,935. (No model.)

To all whom it may concern:

Be it known that we, JAMES U. RESER and ROY F. RESER, citizens of the United States, residing at Celina, in the county of Mercer and State of Ohio, have invented a new and useful Bag-Holder, of which the following is a specification.

The invention relates to improvements in bag-holders.

One object of the present invention is to improve the construction of bag-holders and to provide a simple, inexpensive, and efficient device designed to be employed in feed-stores, mills, elevators, and analogous places and capable of ready adjustment to suit the length of a bag or sack and of securely clamping the same at the mouth thereof to hold the latter open.

A further object of the invention is to provide a strong and durable bag-holder which can be compactly arranged, so that it can be conveniently arranged within a bag or sack.

The invention consists in the construction and novel combination and arrangement of 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 clamp being swung upward. Fig. 2 is a vertical sectional view, the parts being shown in operative position in full lines and in their folded positions in dotted lines. Fig. 3 is a horizontal sectional view on the line 3 3 of Fig. 2. Fig. 4 is an enlarged vertical sectional view of the upper portion of the bag-holder.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates a vertical standard, preferably constructed of tubular metal and connected by a T-coupling 2 with a folding base constructed of round or tubular metal and consisting of a single piece of the same bent into substantially-circular form and having its terminals 4 threaded and engaging the threads of the coupling, and this connection forms a hinge-joint which permits the base 3 to be folded in the position illustrated in dotted lines in Fig. 2 of the accompanying drawings, the friction of the threaded connection be-

tween the parts being sufficient to retain them firmly in either position. Within the tubular standard is arranged the vertically-adjustable rod or stem 5, rectangular in cross-section to fit the upper portion of the tubular standard which forms a guide for the rod or stem, and the latter is provided at its rear edge with a series of teeth 6, adapted to be engaged by a spring-actuated locking-lever 7. The upper end of the tubular standard is rectangular, as clearly illustrated in Fig. 3 of the accompanying drawings, and it is provided with a horizontal collar 8, having rearwardly-extending terminals 9, forming a fulcrum for the lever 7 and perforated for the reception of the pivot of the same. The upper end of the lever engages the teeth of the vertically-adjustable bar or stem, and its lower arm has a coiled spring 10 interposed between it and the standard and is adapted to be pressed inward by the thumb of the operator to release the vertically-adjustable bar or stem. The lower arm of the lever is provided with an inwardly-extending stud 11, upon which the coiled spring 10 is mounted, and this stud, which is disposed horizontally, engages the tubular standard and limits the swing of the lever.

The vertically-adjustable bar or stem carries a horizontal bar or head 12, to which is hinged a bag-supporting frame 13 and a clamp 14, which are adapted to be swung upward to the position illustrated in dotted lines in Fig. 2 of the accompanying drawings to enable the device to be readily carried within a bag or sack. The bag-supporting frame 13, which is substantially segmental, consists of a curved portion forming its front and sides and a straight back portion 15, which is hinged at 16 to the upper edge of the horizontal bar or head 12 and is adapted to clamp a portion of the bag or sack to be held between it and the said head, and the weight of the sack and the supporting-frame operate to hold the latter in engagement with the bag. The hinged clamp 14, which is curved and substantially U-shaped to conform to the configuration of the curved portion of the bag-supporting frame, consists of a rod having its terminals flattened and perforated at 18 to receive the end of the pintle 19, which also hinges the bag-supporting frame to the head,

the bag-supporting frame and the head being provided with eyes arranged at intervals and receiving the said pintle-rod. After a bag has been placed on the supporting-frame it is
5 securely held by swinging the clamp downward into engagement with it, and the vertically-adjustable member or stem of the support may be raised or lowered to suit the length of the sack or bag to be held.
10 The invention has the following advantages: The bag-holder, which is simple and comparatively inexpensive in construction, possesses great strength and durability and is adapted to be conveniently handled by one
15 person and is capable of securely clamping a bag or sack and of holding its mouth distended, so that it may be readily filled. The device is also adapted to be adjusted to suit the length of a bag or sack, and the supporting-frame operates to clamp the back of the
20 bag, and the weight of the latter increases the clamping action. The bag is readily released after being filled, and the parts of the device may be compactly arranged, so that it can be

conveniently carried in a bag or sack. This 25 folding of the device also enables large quantities of the bag-holders to be compactly stored or shipped.

What is claimed is—

In a bag-holder, the combination with means 30 for sustaining the bag, of the tubular standard, the T-shaped coupling secured upon the lower end of the standard and having opposite threaded openings, and the base having screw-threaded ends engaging the ends of 35 said coupling, such connection forming a frictional hinge-joint permitting the base to be firmly retained in its open or closed position, substantially as described.

In testimony that we claim the foregoing as 40 our own we have hereto affixed our signatures in the presence of two witnesses.

JAMES U. RESER,
ROY F. RESER.

Witnesses:

C. S. YOUNGER,
MAUDE M. MCDANIEL.