(No Model.)

C. W. ALLEN.

HOLDER FOR MAIL BAGS.

No. 380,543. Patented Apr. 3, 1888.

Fig. 1.

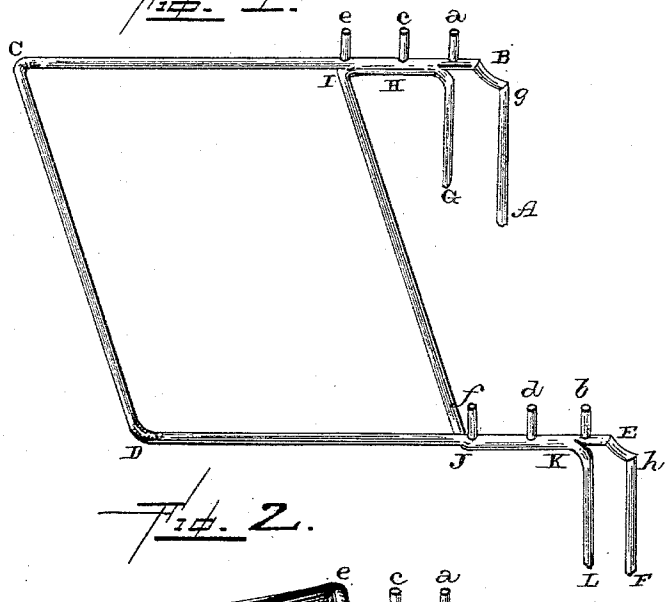
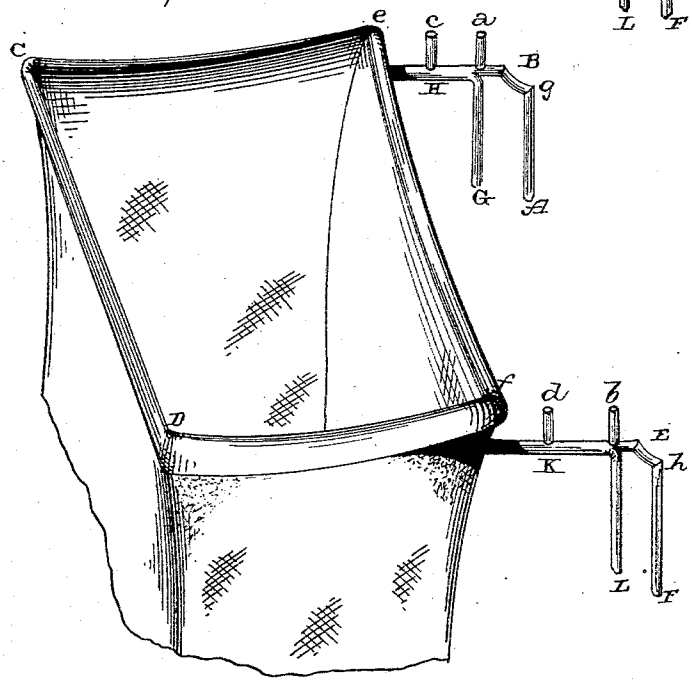


Fig. 2.



Witnesses.
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UNITED STATES PATENT OFFICE.

CHARLES WM. ALLEN, OF DEER PARK, ONTARIO, CANADA.

HOLDER FOR MAIL-BAGS.

SPECIFICATION forming part of Letters Patent No. 380,543, dated April 3, 1888.

Application filed September 3, 1887. Serial No. 248,758. (No model.) Patented in Canada August 16, 1887, No. 27,439.

To all whom it may concern:

Be it known that I, CHARLES WILLIAM ALLEN, a subject of Her Britannic Majesty, residing at Deer Park, in the county of York and Province of Ontario, in the Dominion of Canada, have invented certain new and useful Improvements in Contrivances for Holding Open the Mouths of Mail-Bags and Sacks of other Kinds while being Filled, of which the following is a specification, and for which I have secured a patent in Canada August 16, 1887, No. 27,439.

The object of my invention is to provide a contrivance that will effectually hold distended by means of tension the mouth or mouths of one or more bags or sacks, and that will successfully perform this function whether or not such bags or sacks be furnished with rings, eyelet-holes, loops, cords, or any other special facilities for attaching them.

Figure 1 is a perspective of a bag-holder which embodies my invention. Fig. 2 is a similar view showing a bag attached thereto.

My bag-holder consists of the frame A B C D E F, of iron or other suitable material, having the free ends A B and E F turned down at right angles, but having a "jog" at the points marked *g* and *h*. This frame is crossed by the bar G H I J K L, of similar material, having likewise the free ends G H and K L bent down at right angles. This cross-bar is secured to the other part of the frame by rivets or otherwise at the points H, I, J, and K. From various suitable points along the upper margin of the frame rise pairs of metal studs *a* and *b*, *c* and *d*, and *e* and *f*. The free ends described as bent or turned down form jaws A B H G and F E K L, whereby the frame may be readily attached to a rectangular bar or other suitable support. The jog at the points *g* and *h* renders the jaws capable of proper attachment to supports having a different width.

The widening of the jaws in connection with the jog enables the holder to be tilted at an angle to its support when the process of filling a bag is commenced. After the bag is filled an upward lift under the front of the holder causes it to assume a horizontal position.

The pairs of studs serve, in connection with the front of the frame, to distend and uphold the mouth of a bag, as hereinafter more fully described.

Fig 2 illustrates in perspective my manner of attaching sacks or bags to the holder. The mouth of the bag is introduced upward within the frame, and the rim is then turned outward and downward, first over the front of the holder C D and next over the studs *a* and *b*, *c* and *d*, or *e* and *f*, according to the size of the bag. The strain borne by and distributed between the front of the frame and the pair of studs is the result of the method by which my invention utilizes tension as an adequate and successful means of supporting a bag firmly with mouth distended.

My holder may be made of iron, steel, brass, copper, or other suitable material, and it may vary in form, dimensions, and weight, according to the many different purposes it can be advantageously applied to, the example presented having been selected as affording a plain illustration of the purpose and the end accomplished by my invention.

In the case of mail-bags or other sacks furnished with rings, eyelet-holes, loops, or other special facilities for attachment, the studs may, if desired, be allowed to penetrate such rings, eyelet-holes, or loops.

By means of the jaws A B H G and F E K L (shown in Fig. 1) my holder may be conveniently attached to or detached from any rectangular bar, front of grain-bin, wagon-box, barrel, or other suitable support. With equal facility may sacks or bags be readily attached to or quickly detached from my holder. Such attachment and detachment can be effected without injury or undue wear and tear to the bags or sacks.

Having thus described my invention, I claim—

1. A bag-holder consisting of a rectangular frame having the two downwardly-turned projections upon each of its inner corners to catch over a suitable support, and provided

with studs or projections upon the tops of its inner corners for the bag to catch over, substantially as shown and described.

2. A bag-holder consisting of a rectangular frame having the two downwardly-turned projections upon each of its inner corners to catch over a suitable support, and provided with studs or projections for the bags to catch over, the downwardly-turned projections being provided with the jogs E at their upper corners, substantially as set forth.

CHAS. WM. ALLEN.

Witnesses:
CONSTANCE S. FALLS,
BERNARD HANSON.

Corrections in Letters Patent No. 380,543.

It is hereby certified that in Letters Patent No. 380,543, granted April 3, 1888, upon the application of Charles Wm. Allen, of Deer Park, Ontario, Canada, for an improvement in "Holders for Mail-Bags," errors appear in the printed specification requiring correction, as follows: In line 93, page 1, and in line 4, page 2, the word "rectangular" should be stricken out, and in lines 10 and 11, page 2, the words "jogs E at their upper corners" should be stricken out and the words *jog at g and h* inserted instead; that the proper corrections have been made in the files and records pertaining to the case in the Patent Office, and that the Letters Patent should be read with these corrections therein that the same may conform thereto.

Signed, countersigned, and sealed this 15th day of May, A. D. 1888.

[SEAL.]

H. L. MULDROW,
First Assistant Secretary of the Interior.

Countersigned:

BENTON J. HALL,
Commissioner of Patents.