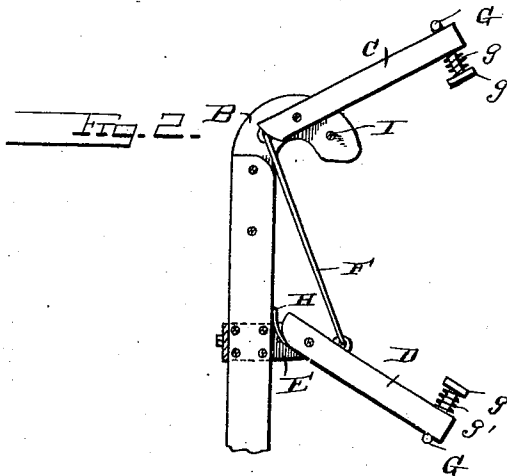
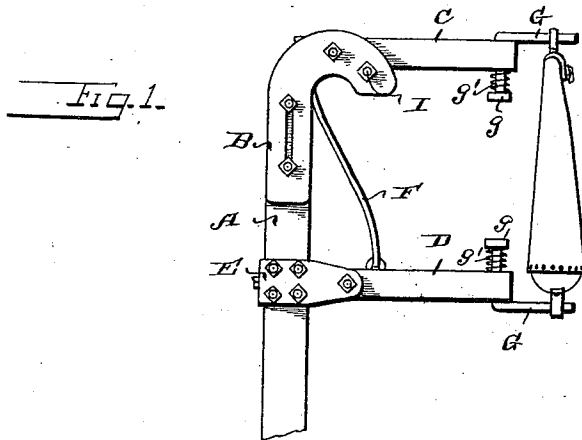


(No Model.)

G. B. CLARK.
MAIL BAG HOLDER.

No. 511,509.

Patented Dec. 26, 1893.



WITNESSES

Jesse Heller.
Philemasi.

INVENTOR

George B. Clark,
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UNITED STATES PATENT OFFICE.

GEORGE B. CLARK, OF BETHESDA, OHIO.

MAIL-BAG HOLDER.

SPECIFICATION forming part of Letters Patent No. 511,509, dated December 26, 1893.

Application filed March 11, 1893. Serial No. 465,489. (No model.)

To all whom it may concern:

Be it known that I, GEORGE B. CLARK, a citizen of the United States, and a resident of Bethesda, in the county of Belmont and State of Ohio, have invented certain new and useful Improvements in Mail-Bag Holders; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a side elevation of the invention holding the mail bag and Fig. 2 is a vertical longitudinal section with the arms thrown apart.

This invention has relation to certain new and useful improvements in mail bag holders; and it consists in the novel construction and combination of parts, all as hereinafter specified.

Referring to the accompanying drawings, the letter A designates an upright post or standard, which supports the holder. Secured to the upper end portion of said post, one at each side, are two parallel plates B, B, which at their upper portions are bent downwardly and forwardly. Pivoted on a pin *a* between said plates, is the inner end portion of an upper bag-holding arm C.

D is the lower holding arm parallel with the arm C, and which at its inner portion is pivoted between the arms of a clip or bracket E, secured to the post some distance below its upper end.

F is a spring link which at its lower end is connected to the lower arm D forward of the pivot thereof, and at its upper end is connected to the upper arm C, back of its pivot. Owing to this connection, it will be apparent that the said arms are capable of a simultaneous but opposite movement. When the arms are in their closed or holding position, as shown in Fig. 1, the link F is slightly compressed, causing a tension thereon, which acts to throw said arms open as soon as the latter are released. On the outer end of each arm is a hook or catch G for engagement with the mail bag. Said hooks or catches consist each of a piece of rigid wire, bent into angular form, the horizontal portion ex-

tending outwardly to form the hook proper, and the vertical arm extending loosely through the holding arm C or D, and terminating in a collar *g*, between which and the arm is confined a coiled spring *g'*. In order to more quickly and positively throw open the holding arms when released, the lower arm D has secured to its under inner portion, a flat spring H, the upwardly turned free end of which bears against the post.

I is a stop between the plates B, B, and which serves to limit the downward swing of the arm C.

The operation is as follows: The upper end of the bag is supported on the upper hook G, the weight of the bag bringing the arm C down into engagement with the stop I. The lower end of the bag is then caught on the lower hook G, and is held securely in this position, being prevented from swinging or swaying. As soon as it is seized by the catcher on the train, the arms are released and fly open into the positions shown in Fig. 2. It will be observed that the weight of the bag normally tends to overcome the actions of the spring H and the link F, and hold the arms C and D in parallel position, in which case the bag might not be held sufficiently distended. The coiled springs *g'*, however, arranged as above described, react against the weight of the bag which tends to compress them, and thereby force the arms apart to cause a greater distension of the bag.

Having described this invention, what I claim, and desire to secure by Letters Patent, is—

1. In a mail bag holder, the combination with the pivoted arms C and D, and the means for throwing said arms away from each other when the bag is released, of the hooks or catches G, one at the outer portion of each of said arms, said hooks or catches comprising each a piece of rigid metal having an outwardly extending horizontal portion forming the hook or catch proper, a vertical arm having a loose bearing in the arm C and D, and terminating in a collar, and a coiled spring confined around said rod between said collar and the arm, substantially as specified.

2. In a mail bag holder, the combination with the post A, the arms C and D pivoted to

said post, and the holding devices for the bag
carried by said arms, of the link F connecting
the inner portions of said arms at opposite
sides of their pivots, said link being of spring
5 material and designed to be compressed when
said arms are brought to their holding posi-
tions, and a spring H on the inner end of the
lower of said arms, and arranged to act in
connection with the link F to throw said

arms apart when the latter are relieved of 10
the bag, substantially as specified.

In testimony whereof I affix my signature in
presence of two witnesses.

GEORGE B. CLARK.

Witnesses:

JAMES C. MOOREHEAD,
L. S. THOMPSON.