No. 801,336. PATENTED OCT. 10, 1905.

J. POUNDS.

MAIL DELIVERER.

APPLICATION FILED MAR. 20, 1905.

FIG. 1.

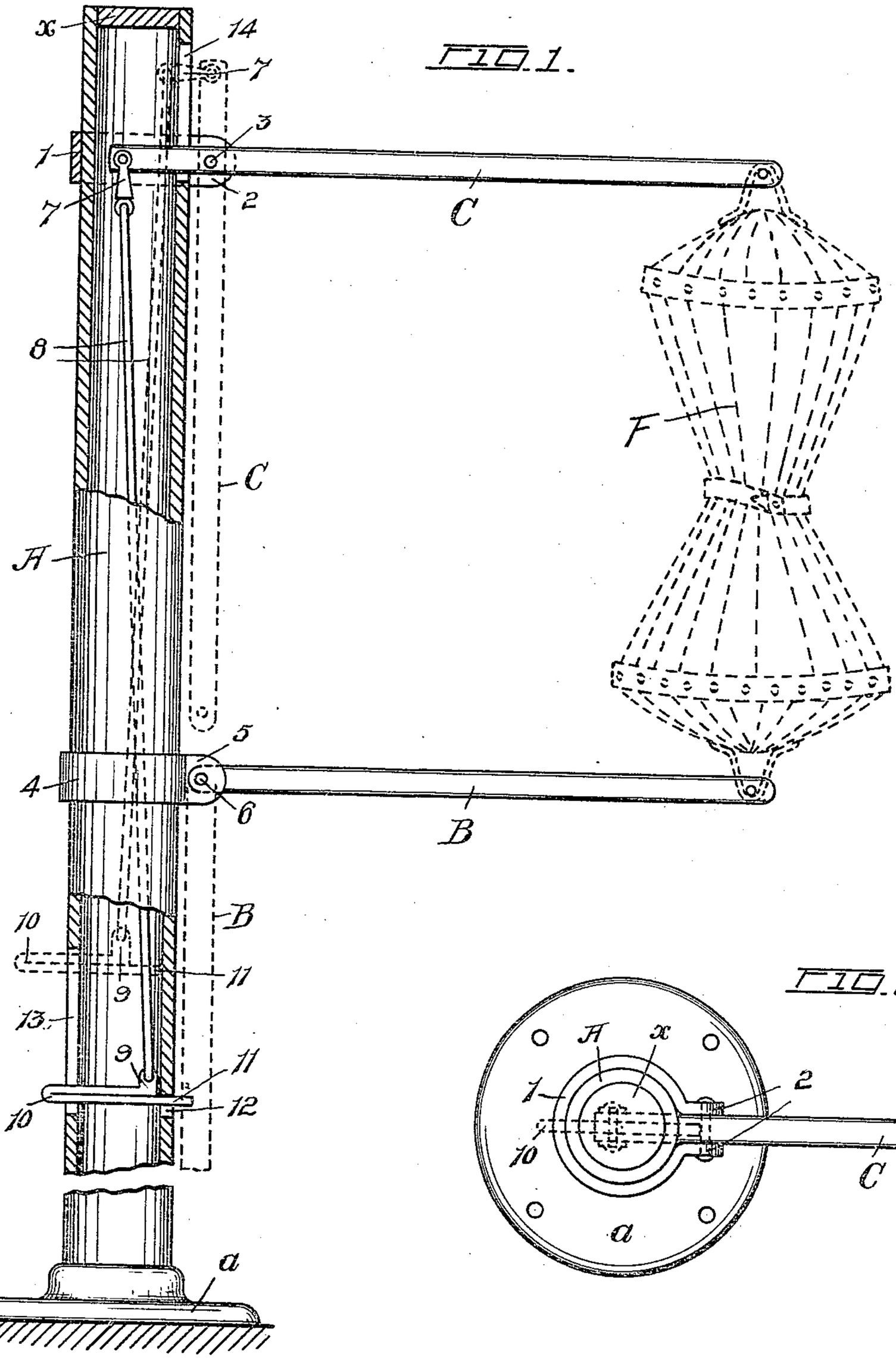

FIG. 2.

Witnesses:

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JOHN POUNDS, OF DUNLAP, IOWA.

MAIL-DELIVERER.

No. 801,336. Specification of Letters Patent. Patented Oct. 10, 1905.

Application filed March 20, 1905. Serial No. 251,016.

To all whom it may concern:

Be it known that I, JOHN POUNDS, a citizen of the United States, residing at Dunlap, in the county of Harrison and State of Iowa, have invented a new and useful Mail-Deliverer, of which the following is a specification.

My invention relates to a new and useful improvement in mail-deliverers, and has for its object to provide a mail-deliverer which does not depend upon an operator to lower the delivering-arms or turn the deliverer around so as to keep it clear from the track.

My invention is so constructed that whenever the sack is taken from the delivering-arms they drop automatically into a vertical position, thus avoiding any danger arising from interference with loaded cars in cases where the load projects over the sides of the cars.

My invention consists in the construction and arrangement of parts hereinafter described, and finally pointed out in the claims.

In the drawings, Figure 1 is a side elevation of my invention, showing it as in use and in dotted lines as it is when not in use. Fig. 2 is a top plan view thereof with a portion of the upper arm broken away.

Referring to the drawings, A indicates the casing or hollow iron post. This casing or post A is provided with the base *a*, which may be suitably secured to the ties. The upper end of it, it will be noticed, is provided with a plug X, so as to keep out snow and rain and protect the parts within the post or casing from the weather.

Secured near the top of the casing or post A is the collar or clamp 1, which is provided with the lips 2, to which is pivotally secured the upper arm C by means of the pin 3. It will be noticed that one end of this upper arm C extends into the casing or post A and is provided with swivel 7. Extending from this swivel 7 is the rod 8, which is pivotally secured to the projecting lip 9 of the trigger 10. This trigger 10 is further provided with the retaining end 11, which extends through the slot 12 of the post A, as clearly shown. The trigger proper also extends through a slot 13 on the opposite side of the post A, said slot being longer, so as to allow the trigger 10 to move upward when the mail-sack is removed from the arms B and C, as indicated in dotted lines in Fig. 1. The upper end of post A is further provided with the slot 14, so as to allow the arm C to drop in the vertical position, as indicated in dotted lines, when the sack is taken therefrom. Suitably secured intermediate of the post A is another collar or clamp 4, which is provided with the lips 5, to which is pivotally secured the lower arm B by means of the pin 6.

The operation of my deliverer is as follows: When the same is set for delivering a sack, it is in the position as clearly shown in Fig. 1. When the mail-sack F is taken from the arms B and C, the lower arm B drops into the vertical position, as shown in dotted lines in Fig. 1, and at the same time strikes the retaining end 11 of the trigger 10 and pushes it inward and out of the slot 12, which then allows the upper arm C to drop in the vertical position, as clearly shown in dotted lines in Fig. 1, of the drawings, and the trigger 10 will also be in the position shown in dotted lines. To set the same for delivering the sack, the operator attaches the sack to the ends of the arms B and C while they are hanging down, as shown in dotted lines. The operator then raises both arms, with sack attached, by pulling down the trigger 10 and places the retaining end 11 within the slot 12 and allows the same to project through, which then holds the arm C in a horizontal position, as clearly shown in Fig. 1. In securing the sack to the arms B and C when they are in a vertical position he obviates the necessity of a box or platform to stand on, as well as avoiding any danger arising from interference with loaded cars in cases where the load projects over the sides of the car.

It is of course understood that these deliverers may be made of any suitable material and size.

Having thus described my invention, what I claim as new, and desire to secure by United States Letters Patent, is--

1. In a mail-deliverer, a hollow post, said post being provided with slots, collars or clamps secured to said post, delivering-arms pivotally secured to said clamps, and means for automatically releasing said arms from a horizontal position to a vertical position, substantially as described.

2. In a mail-deliverer, the combination of a hollow post, having a base, said post being provided with slots, collars or clamps suitably secured to said post, said collars or clamps being provided with lips, to which are pivot-

ally secured the delivering-arms, one of said arms extending within the post and provided with a swivel, a rod movably secured to said swivel, a trigger movably secured to the opposite end of said rod, said trigger being provided with a retaining end which extends through the hollow post, and against which the lower arm strikes to automatically release the upper arm from its horizontal position to a vertical position, substantially as described.

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

JOHN POUNDS.

Witnesses:

EARL GLAZE,

JOHN A. PHILLIPS.