

O. GIESEKE.
PARCEL DELIVERY APPARATUS.

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UNITED STATES PATENT OFFICE.

OTTO GIESEKE, OF HOUSTON, TEXAS.

PARCEL-DELIVERY APPARATUS.

SPECIFICATION forming part of Letters Patent No. 460,203, dated September 29, 1891.

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To all whom it may concern:

Be it known that I, OTTO GIESEKE, of Houston, Harris county, Texas, have invented certain new and useful Improvements in Mail and Parcel Delivery Apparatus, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to apparatus for transmitting mail-matter and other small parcels to the house from the street, and is designed particularly for use at suburban residences, or where the distance from the house to the street is considerable; and the invention resides in the novel combination and arrangement of parts, as hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a view showing my invention complete. Fig. 2 is a top plan view of the frame to which the line-wire is attached. Fig. 3 is a side elevation of the mail or parcel carrier, and Fig. 4 is an end elevation of the same.

Referring to the drawings by letter, A indicates a post located at the gateway, or at any suitable place on the street, having a step *a'* secured thereto.

C indicates the portion of the side of a house, and G represents the line-wire connecting said post with the house. A ratchet-roller H is journaled in suitable bearings *i*, which are secured to the house or to any suitable support located at the point at which it is desired to have the mail-matter delivered. A pawl J engages the ratchet-teeth. The line-wire G is attached to the roller H, and it will be obvious that the object of this construction is to enable any one to vary the tension of the line-wire at will. A frame B is carried by the post A and is adapted to be moved up and down thereon. The construction of the frame will now be described. A ring K has oppositely-located pivots *k*, and a handle L, having a bail-shaped portion M at right angles thereto, is secured to said ring by means of the pivots. A hook N is formed on one side of the ring, to which is attached the coiled spring D on the end of the line-wire. On the inner side of the ring K, I form a suitable number of fork-shaped bearings *c*, in which are journaled the friction-rollers *c'*, bearing

against the post A, thus enabling the frame to be operated on said post with great ease. The car or carrier E is provided on its upper side with bearings *E'*, carrying grooved rollers F, which rest on the line-wire, and within the said carrier is a false bottom *E²*, shown by dotted lines. In the space underneath this false bottom a ball I is placed, the object of which will soon appear. The carrier E is provided on one side with an aperture or slot *h*, through which the matter to be carried therein may be introduced.

When not in use the frame B would, ordinarily, be at its highest point on the post, or at about the point *A'*. Any one desiring to transmit mail or other matter to the house would, if necessary, stand upon the step *a'*, and by pulling on the handle L bring the frame B at or near the point *A²*, thus bringing the street end of the line-wire to a point lower than the other end and causing the carrier to move toward the street by gravity.

The spring D causes the wire to retain substantially the same tension no matter at what point the frame B may be on the post. When the carrier is at the house end of the line, the wire being inclined, the ball I would be in the rear end of the box; but on lowering the street end of the wire the ball rolls to the forward end of the carrier by gravity and thus assists in starting the same. Having deposited the mail-matter the frame B is raised by the handle L to the point *A'*, and the carrier E moves to the other end of the wire.

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

1. The combination, with a straight vertical post, of an annular frame encircling the same and movable thereon, anti-friction rollers contained in the said frame and bearing upon the said post, a bail-shaped handle secured to diametrically-opposite sides of the said frame and having a downward extension depending upon one side of the said post, a wire having its one end secured to a fixed support, and a spring having its opposite ends connected to the said wire and frame and holding the former taut irrespective of its inclination, as described.

2. The combination, with a vertical post, of

a frame movable thereon, a track-wire secured to the said frame, a carrier having a false compartment adapted to run over the said track-wire, and a weighted ball located in the
5 said compartment and adapted to give said carrier a starting impulse, substantially as described.

3. In combination with a track-wire and with means for altering the inclination there-
10 of, a carrier having a false compartment

adapted to be carried by the said track-wire and a weighted ball located in the said compartment and adapted to give said carrier a starting impulse, substantially as described.

In testimony whereof I affix my signature in 15 presence of two witnesses.

OTTO GIESEKE.

Witnesses:

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