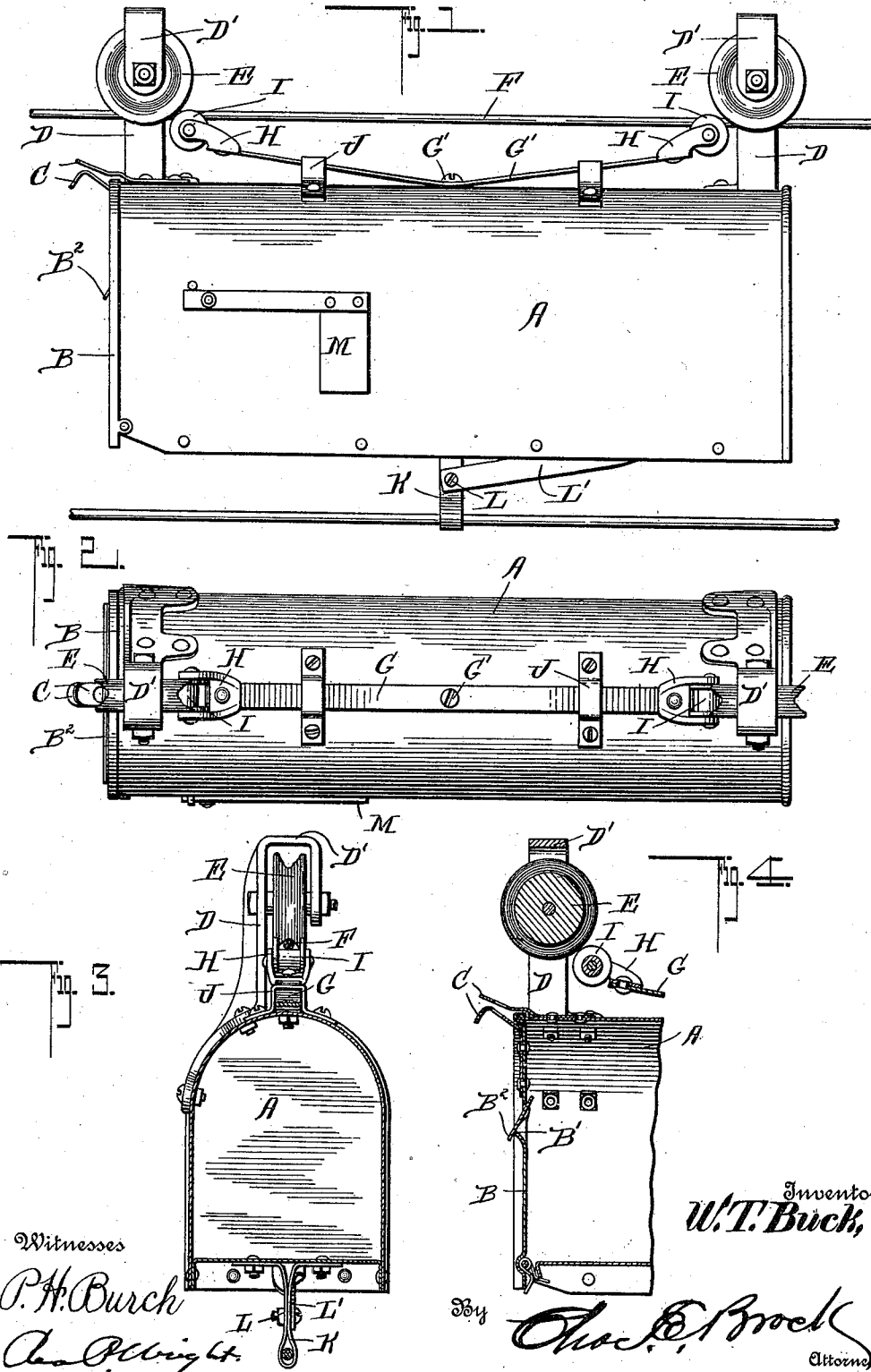


W. T. BUCK.
MAIL CARRIER OR BOX.
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977,706.

Patented Dec. 6, 1910.



Witnesses

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WILLIAM T. BUCK, OF VLIETS, KANSAS.

MAIL CARRIER OR BOX.

977,706.

Specification of Letters Patent.

Patented Dec. 6, 1910.

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To all whom it may concern:

Be it known that I, WILLIAM T. BUCK, a citizen of the United States, residing at Vliets, in the county of Marshall and State of Kansas, have invented a new and useful Improvement in Mail Carriers or Boxes, of which the following is a specification.

This invention relates to certain new and useful improvements in a mail carrier or box, the object being to improve the general construction of carrier, and to provide means for preventing the supporting wheels from jumping off of the cable track.

Another object of my invention is to provide a carrier with an arm for connecting the same to an operating cable, whereby the cable can be readily connected or disconnected from the same, so as to adjust the position of the carrier on the cable.

A still further object of my invention is to provide the carrier with a spring actuated end door which is so mounted that the same swings downwardly in order to allow the ready removal of the mail therefrom.

Another object of my invention is to provide the mail carrier in which the hangers carrying the wheels are mounted at the ends of the box, in such a manner that the carrier will be held on the cable track evenly, so as to prevent all danger of the carrier tilting in any way, the means for preventing the wheels from jumping the track being arranged between the supporting wheels, and engaging the underside of the track in such a manner that they will ride under the cable supports.

With these objects in view, the invention consists in the novel features of construction, combination and arrangement of parts, hereinafter fully described and pointed out in the claims.

In the drawing forming a part of this specification: Figure 1 is a side elevation of my improved carrier showing the same arranged on the cable track and connected to the operating cable. Fig. 2 is a top plan view of the carrier. Fig. 3 is a vertical section through the same, and Fig. 4 is a detail longitudinal vertical section showing the construction of the hinged door.

In carrying out my improved invention I employ an oblong box A preferably formed of sheet metal having a rounded top portion and provided with an opened end which is closed by a spring actuated hinged cover

B, having a flanged edge adapted to fit over the end of the box so as to completely close the same in order to prevent the snow or rain from entering the same, and said cover is provided with a letter receiving opening B', closed by pivoted flap B². The cover is adapted to be locked by a pad-lock, not shown, which extends through the opening of outwardly projecting straps C, extending respectively from the cover and box. The straps are so constructed that they form a spring catch in order that the door will be held closed without the use of a padlock, when desired.

Secured on the curved top of the box, to one side of its longitudinal center adjacent its ends, are hangers D, which are provided with U-shaped upper portions D', in which are mounted groove supporting wheels E, adapted to travel on the cable track F. For preventing the wheels from jumping off of the track, I secure a flat spring G, centrally to the top of the box by a screw G', having forked brackets H, secured on its end carrying groove retaining wheels I, adapted to be held up against the under side of the track by the tension of the spring, adjacent the supporting wheels, in such a manner that when the wheels are brought into engagement with the track supporting members, the spring will yield sufficiently so as to allow the wheels to travel under the member and it will be seen that by this construction the carrier is so mounted on the track that it will be impossible for the same to jump off. Arranged on the top of the box, over the spring G are guide-members J for holding the spring in its proper position, and for preventing the wheels carried thereby from bearing against the underside of the track and binding the same.

For connecting the carrier to the operating cable I secure to the bottom of the box, a U-shaped strap K, the side members of which are apertured, through which extends a clamping bolt L, on which is mounted a brace L', which is connected to the bottom of the box, so as to hold the strap firmly in a vertical position. The operating cable is placed in the U-shaped strap before the same is secured in position on the box, and by tightening the clamping bolt L, the strap will be securely fastened over the cable in such a manner that all danger of it slipping is prevented, and at

the same time the strap can be moved along the cable by simply releasing the bolt.

Pivotaly mounted on one side of the box is a signal M which is adapted to be normally held in the position shown in Fig. 1, and to be thrown up into a vertical position when mail has been placed in the box, so as to notify the owner or mail carrier.

What I claim is:

10 1. A mail carrier comprising a metal box having hangers secured thereto adjacent each end provided with inverted U-shaped portions, grooved wheels mounted in said U-shaped portions, and a bowed spring secured on the top of said box having forked
15 brackets secured on its ends carrying

grooved wheels for engaging the underside of the supporting track.

2. A mail carrier having hangers provided with grooved wheels for supporting the same on cable track, spring actuated retaining wheels for engaging the underside of the said cable track adjacent said supporting wheels, and a U-shaped strap carried by the bottom of said carrier having a clamping bolt for binding said strap over the operating cable.

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Witnesses:

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