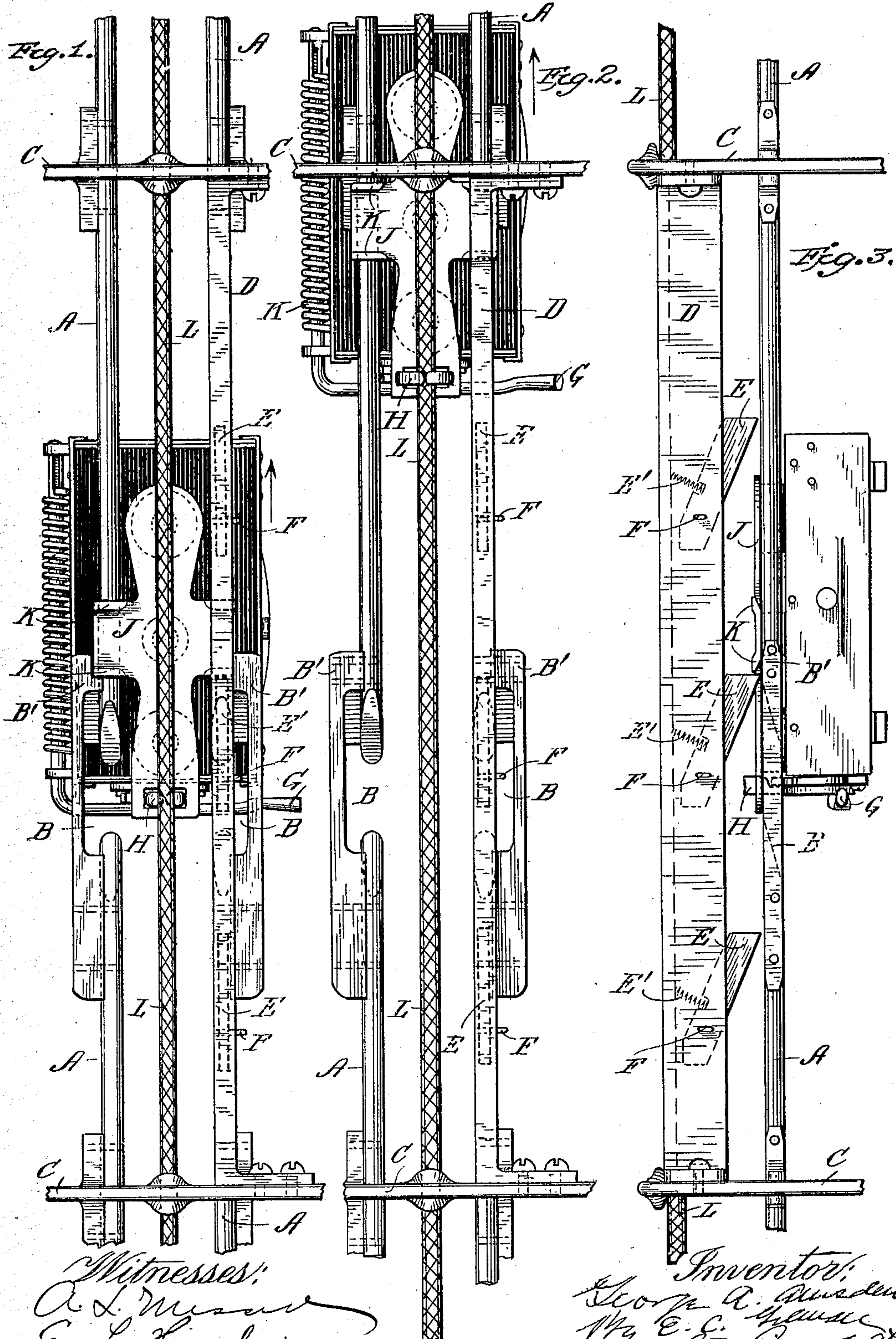


No. 870,757.

PATENTED NOV. 12, 1907.

G. A. AMSDEN.
CABLE CASH CARRIER.
APPLICATION FILED APR. 3, 1905.



Witnesses:
A. L. Mason
E. L. Harlow

Inventor:
George A. Amussen
By E. C. Harlow

UNITED STATES PATENT OFFICE.

GEORGE A. AMSDEN, OF SPRINGFIELD, MASSACHUSETTS, ASSIGNOR TO LAMSON CONSOLIDATED STORE SERVICE COMPANY, OF NEWARK, NEW JERSEY, A CORPORATION OF NEW JERSEY.

CABLE CASH-CARRIER.

No. 870,757.

Specification of Letters Patent.

Patented Nov. 12, 1907.

Application filed April 3, 1905. Serial No. 253,460.

To all whom it may concern:

Be it known that I, GEORGE A. AMSDEN, of Springfield, in the county of Hampden and State of Massachusetts, have invented certain new and useful Improvements in Cable Cash-Carriers, of which the following is a specification.

My invention relates to improvements in cable carriers and its object is to provide means for preventing carriers on a vertical line from dropping down the line before they become attached to the cable, so that upon said attachment they will travel upwardly to the central station located above the sub-stations.

In the accompanying drawings which illustrate a construction embodying my invention, Figure 1 is a side view of a portion of a cable system showing a carrier held in position for attachment to the cable. Fig. 2 is a similar view to Fig. 1 showing a carrier attached to the cable and traveling upward to the central station. Fig. 3 is an end view of a portion of a cable system showing the carrier held in position for attachment to the cable at a sub-station.

Like letters of reference refer to like parts throughout the several views:

A represents two opposite rails of a vertical portion of a cable carrier system, said rails forming the track for the carriers. The rails are cut away at B and the ends of said rails are secured together by the brackets B'. At the sub-station shown there is supported above one of the rails A the slat D in which are mounted three fingers E on pins F, and these fingers E are held outwardly by the springs E'. When a carrier is inserted into the position shown in Figs. 1 and 3 with the bottom plate on one side of the rails A and the body of the carrier on the other side, it cannot drop downwardly before its attachment to the cable as one of the fingers E will engage the slightly raised portion K of the bottom plate J and hold the same fixed in position. Now to attach a carrier to the cable, the lever

G is operated to open the grips H which will engage the cable L after which the carrier is carried forward by the traveling cable as indicated in Fig. 2. The box is of the usual construction known in the art and is fully described and illustrated in U. S. Patent No. 608,954 issued to the Lamson Consolidated Store Service Company of Newark New Jersey, assignee of James T. Cowley, August 9, 1898, to which reference may be had for an understanding of this carrier.

I do not limit myself to the arrangement and construction shown as the same may be varied without departing from the spirit of my invention.

Having thus described the nature of my invention and set forth a construction embodying the same, what I claim as new and desire to secure by Letters Patent of the United States is:

1. In a cable carrier, rails on which the carrier is adapted to travel and arranged vertically, a traveling cable, and means at the sub stations independent of the rails for engaging the carrier after it has been placed upon the track and holding the same at the sub station from falling until it is gripped to the cable.

2. In a cable carrier, rails on which the carrier is adapted to travel and arranged vertically, a traveling cable, and fingers projecting into the line of travel of the carrier at the sub stations and independent of the rails for engaging the carrier and holding the same at the sub station until it is gripped to the cable.

3. In a cable carrier, rails on which the carrier is adapted to travel, a traveling cable, and means at the sub-stations independent of the rails for engaging the carrier after it has been placed upon the track and holding the same at the sub station from falling until it is gripped to the cable.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses, this 31st day of March A. D. 1905.

GEORGE A. AMSDEN.

Witnesses:

A. L. MESSED,
E. L. HARLOW.