

J. A. PITT.
CABLE CARRIER APPARATUS.
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951,335.

Patented Mar. 8, 1910.

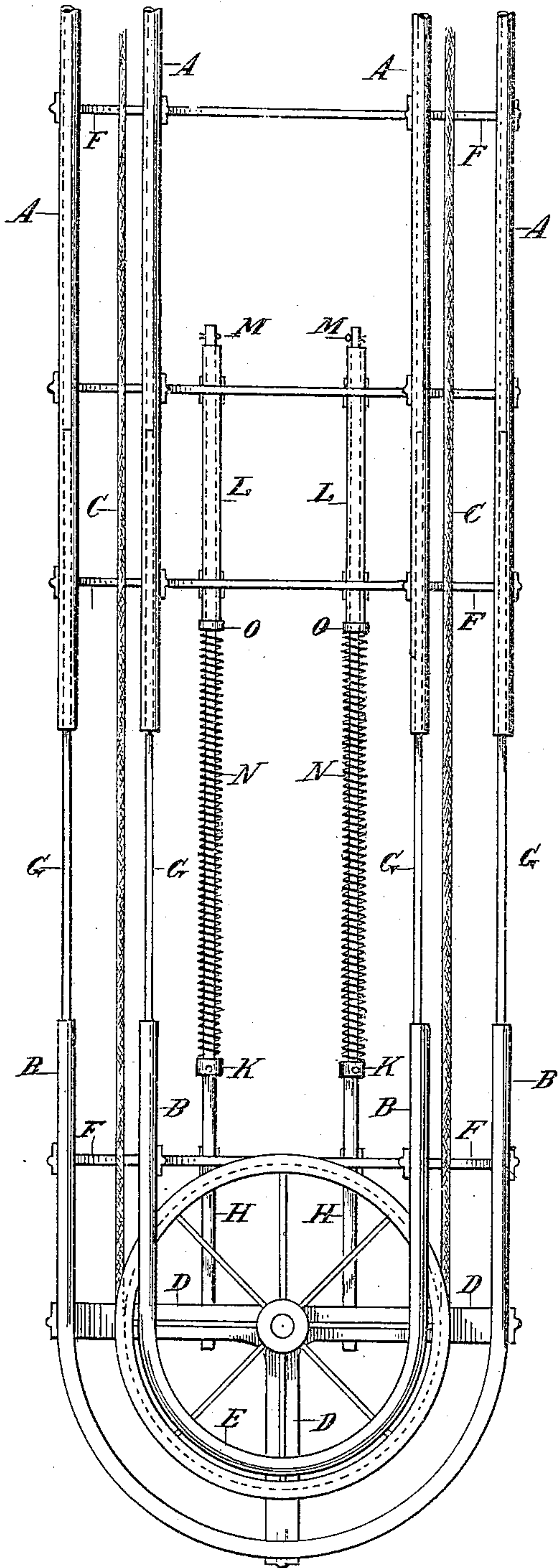


Fig. 1.

Witnesses:
L. G. Bartlett
A. A. Messer

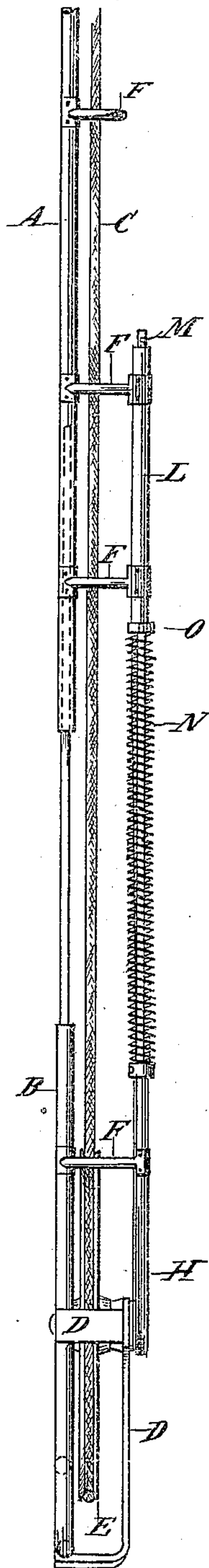


Fig. 2.

Inventor:
John A. Pitt
By J. R. Ruckelshaus

UNITED STATES PATENT OFFICE.

JOHN A. PITT, OF ST. LOUIS, MISSOURI, ASSIGNOR TO LAMSON CONSOLIDATED STORE SERVICE COMPANY, OF NEWARK, NEW JERSEY, A CORPORATION OF NEW JERSEY.

CABLE-CARRIER APPARATUS.

951,335.

Specification of Letters Patent.

Patented Mar. 8, 1910.

Application filed February 13, 1908. Serial No. 415,789.

To all whom it may concern:

Be it known that I, JOHN A. PITT, of St. Louis, in the State of Missouri, have invented certain new and useful Improvements in Cable-Carrier Apparatus, of which the following is a specification.

My invention relates to improvements in cable carrier apparatus and its object is to provide a simple and efficient take-up for automatically controlling the tension of the cable.

In the accompanying drawing,—Figure 1 is an elevation of the device illustrating the construction by means of which one of the pulleys is operated to maintain a proper tension of the cable. Fig. 2 is a side elevation of Fig. 1.

The main tracks A are supported and held in alinement by the brackets F and the adjustable or loop portion of the track B is supported by a bracket F and the bearing frame D.

A pulley E is mounted in the bearing frame D and supports the driving cable C. The adjustable tracks B are provided with telescoping rods G secured thereto and which rods are adapted to operate in the hollow or recessed main tracks A to permit the longitudinal adjustment of said tracks B and pulley E whereby a suitable tension of the cable C may be maintained.

The rods H are fixed at one end to a bracket F and bearing frame D and at their opposite ends are movably mounted in the sleeves L secured to brackets F carrying the main tracks. A helical or spiral spring N is mounted around each rod H and confined between a collar K pinned to each rod H and a loose washer O adapted to bear against the sleeve L.

The tension of springs N acting upon collars K hold the adjustable tracks B and pulley E in a position to take up the slack of and maintain a suitable tension on the cable

C. Cotter pins M in the movable ends of rods H limit the outward movement of the same.

Having thus described 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 apparatus, a main track or way, an adjustable or loop track or way adapted to telescope with said main track or way, a pulley mounted in said adjustable or loop track or way, a cable traversing said main and adjustable or loop track and carried by said pulley, and means for operating said adjustable or loop track to maintain a tension on said cable.

2. In a cable carrier apparatus, a main track or way, an adjustable or loop track or way adapted to be adjustably moved in alinement with said main track or way, a pulley mounted in said adjustable or loop track, a cable traversing said main and adjustable or loop track and carried by said pulley, and spring actuated telescoping means connecting said main track with said adjustable track and adapted to operate said adjustable track to maintain a tension on said cable.

3. In a cable carrier apparatus, a track or way, a cable traversing said track or way, an adjustable pulley or idler adapted to carry said cable, and spring actuated telescoping means connecting said pulley with said track or way and adapted to adjust said pulley to maintain a tension on said cable.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses, this thirty first day of January A. D. 1908.

JOHN A. PITT.

Witnesses:

FRANCES B. WILKINSON,
EDWARD J. SHANAKER.