

UNITED STATES PATENT OFFICE.

DAVID BROWN, OF LEBANON, NEW JERSEY.

IMPROVEMENT IN APPARATUS FOR TRANSMISSION OF GOODS, PACKAGES, &c.

Specification forming part of Letters Patent No. **165,473**, dated July 13, 1875; application filed February 1, 1875.

To all whom it may concern :

Be it known that I, DAVID BROWN, of Lebanon, Hunterdon county, State of New Jersey, have invented certain Improvements in Apparatus for Transmission of Goods, Packages, &c., of which the following is a specification :

The object of my invention is to provide for a simple, effective, and cheap apparatus for transmission of goods, packages, money, &c., in general, but more particularly as an expedient and cheap method of transmitting packages, bills, and money in stores and salesrooms from the salesmen to the cashier, and vice versa, without the aid of the now-employed cash-boys.

My invention consists in constructing and placing two standards, one at each place, between which transmission of goods, &c., is desired. At or near the top, and on one side of these standards, guards are placed, from the top of which a wire rail is suspended from one standard to the other. On this wire rail D I suspend a carriage which, by aid of wheels, allows it to be moved back and forth over the same. This movement is effected by an endless rope, which passes over grooved pulleys, placed within the fore-mentioned guards and passing through an aperture in the top of the carriage, and also placed in a groove in the bottom of the same, thus steadying the movements of the carriage.

These pulleys are rotated by aid of ropes or cords passing over and around their axles. Thus when the carriage is moved in one direction one of the said ropes is wound up around one of the axles, the other being pulled down, and vice versa when the carriage is moved in the opposite direction. The carriage is provided with drawers or suitable compartments for the reception of the articles to be transmitted. To the top of the

standards bells or similar annunciators are placed, which indicate the arrival of the carriage.

In order to describe my invention more fully, I refer to the accompanying drawing, forming a part of this specification and representing a side view of my improved apparatus for transmission of goods &c. A A are the standards; C C, the guards, fastened to one of the upper sides of the standards. D is the wire fastened to the top of the guards C C. E is the carriage, with drawers *f f*, aperture *g*, at the top and groove *h* at the bottom. I I are the wheels secured to the top of the carriage and supporting the same upon the wire rail D. J is the endless rope, passing around the grooved pulleys K K, which are supported on the axles L L, around which the ropes *m m* are wound. N N are the bells or enunciators, placed on the top of the standards A A. Where a limited place does not admit of employing the ropes *m m* for rotating the pulleys, a crank may be employed and placed on the ends of the pulley-axles in order to accomplish the same result.

I am well aware that a patent is granted to Wm. C. Bibble, August 22, 1871, No. 118,330, for improvements in elevated railways. I disclaim any interference with this patent.

Having thus described my invention, I desire to claim—

The mode of transmitting a package-carriage between two given points, by aid of wire rail D, endless rope J, and pulleys K, substantially as described and set forth.

This specification signed this 22d day of January, 1875.

DAVID BROWN.

Witnesses:

ANTON C. CRONDAL,
FRANKLIN BARRITT.