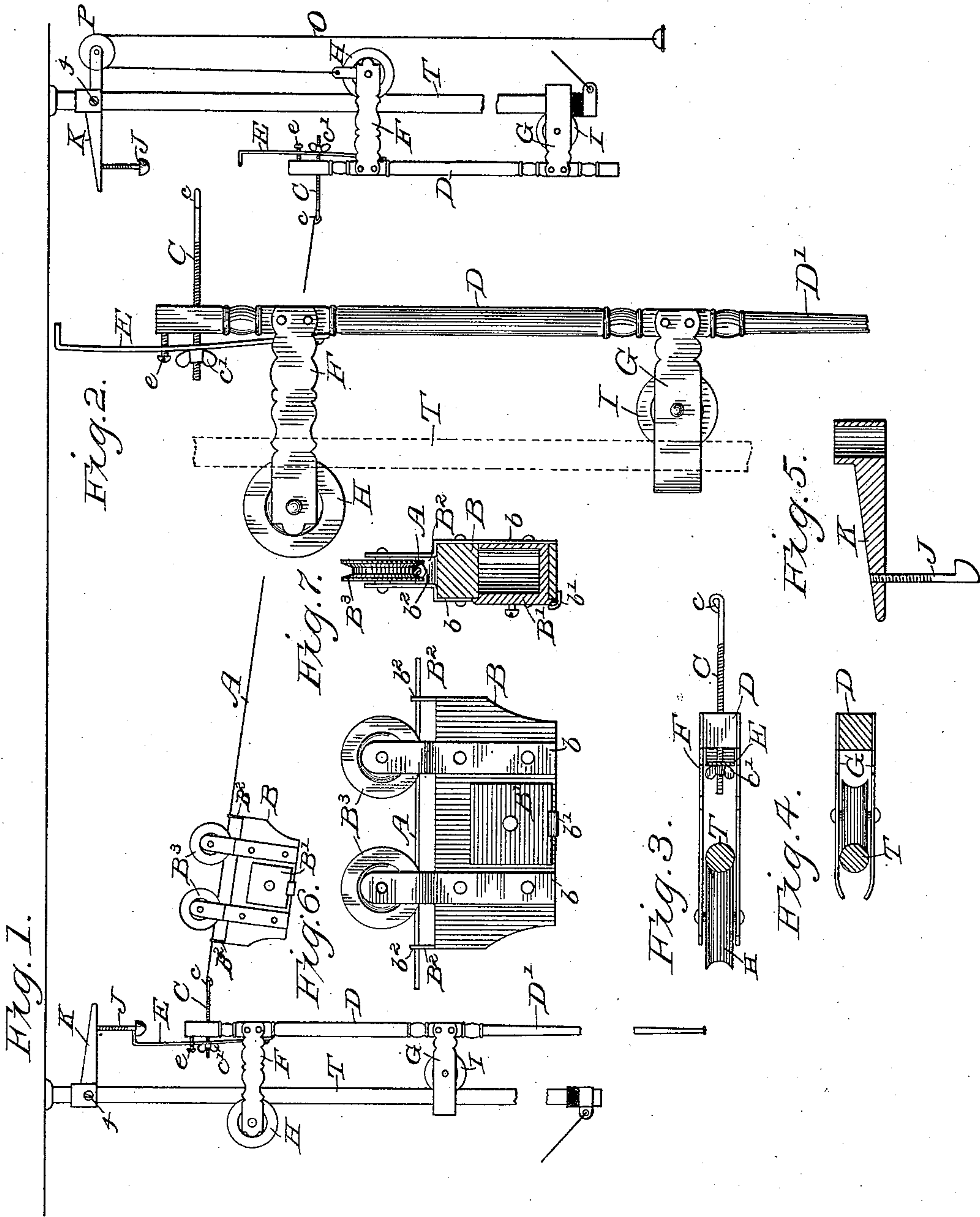


(No Model.)

A. ISKE.
CASH CARRIER APPARATUS.

No. 447,828.

Patented Mar. 10, 1891.



WITNESSES

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CASH-CARRIER APPARATUS.

SPECIFICATION forming part of Letters Patent No. 447,828, dated March 10, 1891.

Application filed May 22, 1890. Serial No. 352,687. (No model.)

To all whom it may concern:

Be it known that I, ANTHONY ISKE, a citizen of the United States, residing at Lancaster, in the county of Lancaster and State of Pennsylvania, have invented certain new and useful Improvements in Cash-Carrier Apparatus; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to cash-carrier apparatus for store-service and to mechanism for varying the inclination of the same both in pitch and direction, in order that the cash-carrier may be caused to travel backward and forward between two points. For this purpose I employ two vertically-movable bars, to which the ends of the track or carrier supporting wire are attached, these bars being provided with spring-catches, which engage with fixed catches above them, so that either bar may be automatically held for a time at its highest position when raised thereto. I also provide each of said bars with a fixed guide-bar and yokes or bearing-plates with anti-friction pulleys or rollers embracing the same. The movable bars are also provided with handles or cords and pulleys, or both, for raising and lowering them.

In the accompanying drawings, Figure 1 represents a view in elevation of the entire line, including the lifting and lowering devices at each end. Fig. 2 represents an enlarged view in elevation of one of the movable bars and its attachments. Figs. 3, 4, and 5 represent detail views. Figs. 6 and 7 represent views in side elevation and cross-section of the carrier.

A designates the wire serving for a track, on which runs a cash-carrier B. Each end of this wire is connected to a hook *c*, formed on the end of a bolt C, which passes through the upper part of a movable supporting-bar D and also through a spring-catch E, attached thereto. A thumb-nut *c'* holds the said bolt in place. This movable bar is provided with rearwardly-extending bracket-arms arranged in pairs F G, in which rollers H I are journaled, the upper roller H being behind a vertical guide-rod T and the lower roller I being

in front of it—that is to say, on the side nearer the cash-carrier and the movable bar. The lower plates G are bent behind the said guide-rod toward each other. The construction and arrangement of these parts F, G, H, and I is such as to allow a considerable tilting forward or backward of the upper part of said movable bar. When the upper part of the latter is tilted forward and the spring-catch E is drawn against it, the latter will be in position to engage a fixed catch J, having, preferably, the form of a conical-headed screw extending downward from a block or arm K, which is fastened to the guide-rod T by a set-screw *t*. This guide-rod preferably extends down from the ceiling, but may be fixed in any other way. A small screw *e*, passing through spring-catch E into supporting-bar D, guides it and prevents it from bending back too far. For convenience of lifting and lowering, the supporting-bar is provided with a downwardly-extending handle D' and also with a lifting-cord O. The latter extends from the bracket-plates F or any other attachment of said bar up to and over a fixed pulley P. Only one of said supporting-bars is shown as provided with this cord. In all other respects they and their attachments are identical; but it is obvious that either of them may have the cord only or the handle only. When either supporting-bar is thus raised, the cash-carrier being at that end of the track, the first effect of the downward rolling of the car will be to draw the spring-catch E, attached to said bar, toward the latter, and said bar will be simultaneously tilted in the same direction, bringing said catch into position to engage the fixed catch aforesaid. The supporting-bar and that end of the track will then be held thereby in this elevated position, the track inclining downward toward the other supporting-bar. When the cash-carrier is to return, this supporting-bar is tilted backward to free catch E and the other one is raised until its catch E engages in like manner.

The carrier B, which I prefer to use with the above-described appliances, consists of a block of wood properly shaped and having a cash-drawer B' let into its side. The said drawer is held by a spring *b'* against accidental dislodgment. At the ends of said block

plates B^2 extend upward, being recessed on top at b^2 to guide the wire track A and hold it straight for perfect contact with the grooved rollers or track-wheels B^3 , which run on said wire. These rollers or track-wheels are journaled in pairs of bearing-plates b , which extend upward in pairs from said block, being attached to the sides thereof.

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

1. A cash-carrier track, in combination with vertically - movable supports for the ends thereof, fixed catches arranged above said supports, spring-catches attached to said supports and arranged for engaging said fixed catches, guiding devices for said movable supports, and lifting-cords for the same, the ends

of said track being attached so as to draw on said spring-catches, substantially as set forth.

2. In combination with a cash-carrier track, a vertically-movable bar D for supporting one end of the same, a fixed catch J, arranged above said bar, a spring-catch E, carried by said bar and arranged to engage said fixed catch, and a bolt C, attached to said spring-catch and extending through said bar, one end of the said track being attached to said bolt, substantially as set forth.

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

ANTHONY ISKE.

Witnesses:

JAS. B. DONNELLY,
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