No. 786,192. PATENTED MAR. 28, 1905.

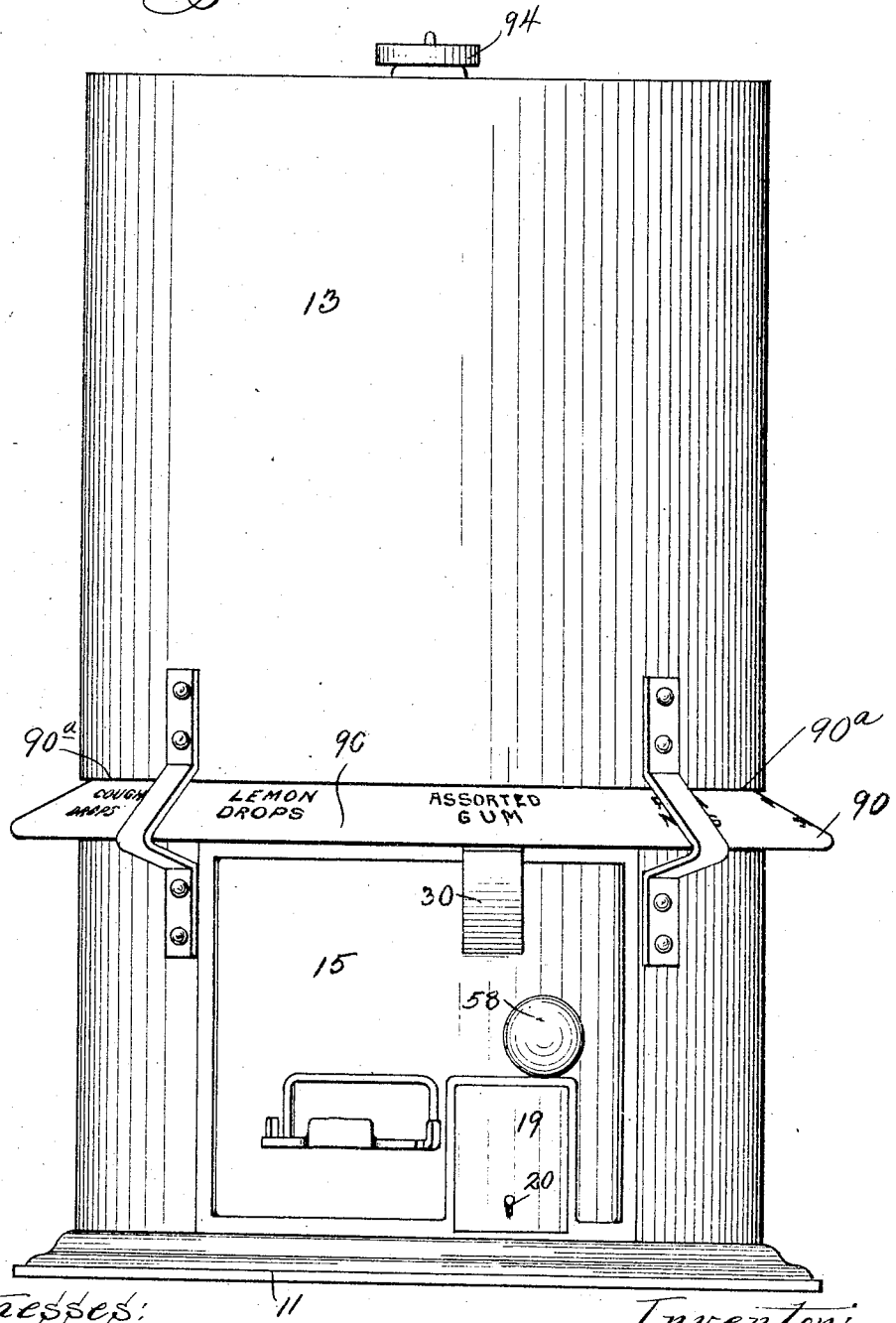
F. T. CONKLIN.

MULTIVENDING MACHINE.

APPLICATION FILED FEB. 2, 1903.

3 SHEETS—SHEET 1.

Fig. 1.



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No. 786,192. PATENTED MAR. 28, 1905.

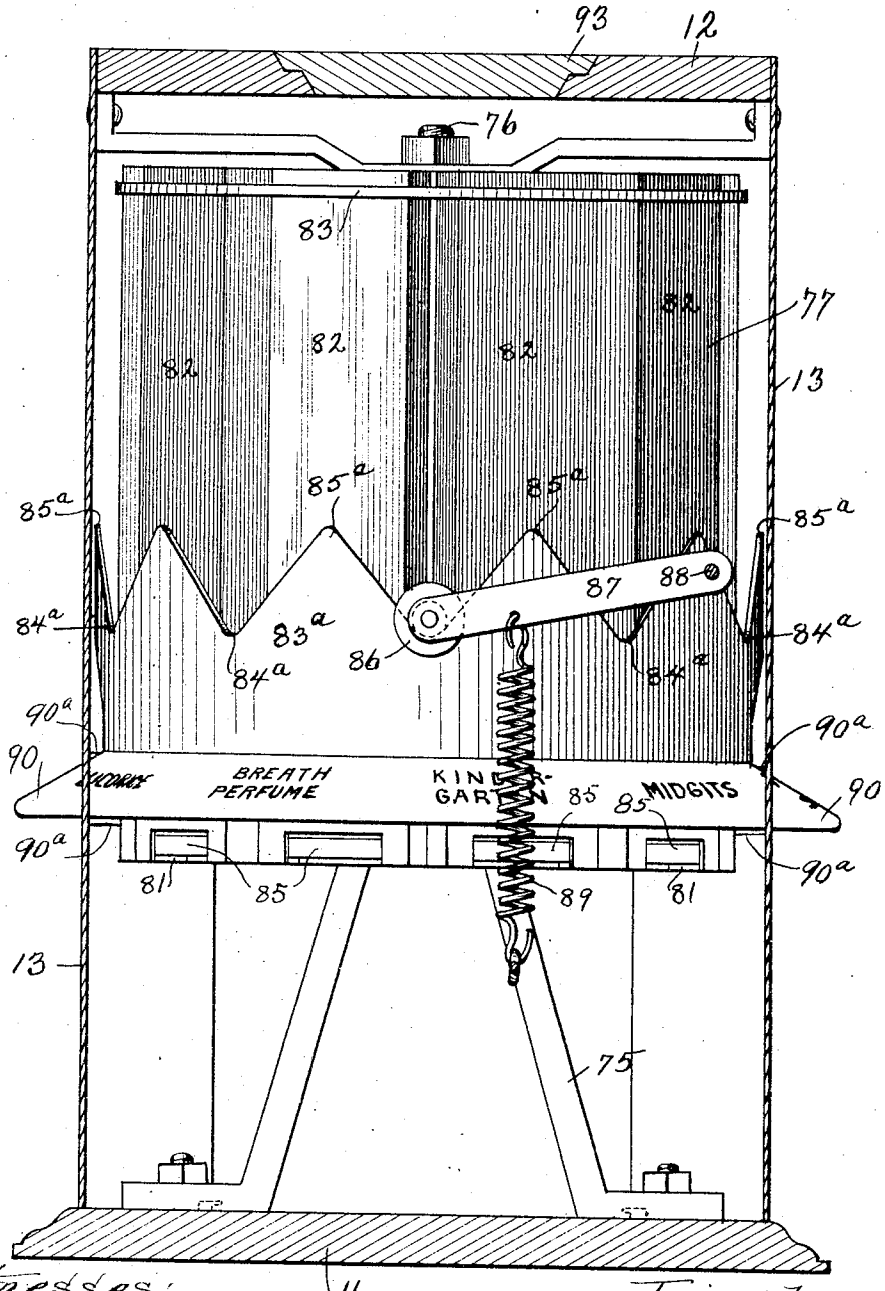
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MULTIVENDING MACHINE.

APPLICATION FILED FEB. 2, 1903.

3 SHEETS—SHEET 2.

Fig. 2.



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MULTIVENDING MACHINE.

APPLICATION FILED FEB. 2, 1903.

3 SHEETS—SHEET 3.

Fig. 4.

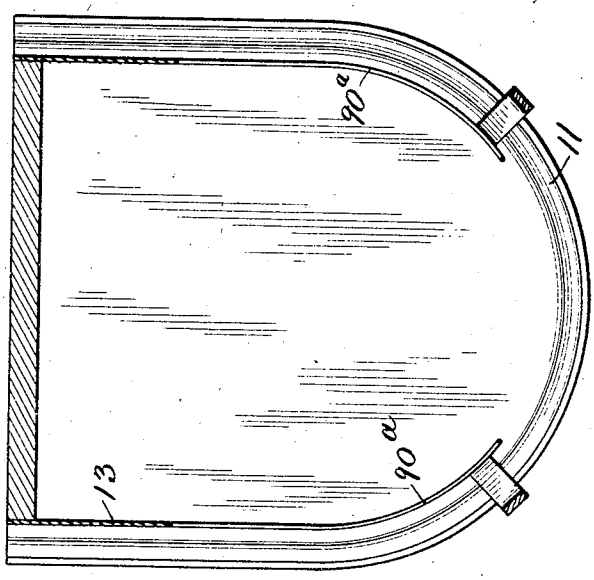
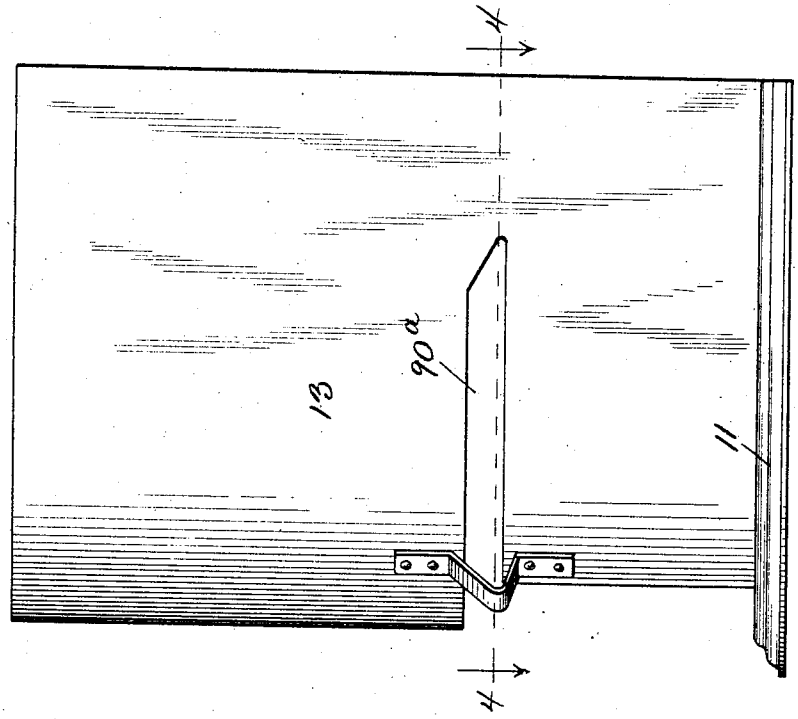


Fig. 3.



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PHOTO LITHOGRAPHED BY SACHETT & WILHELMS LITHO. & PTG. CO. NEW YORK.

No. 786,192. Patented March 28, 1905.

UNITED STATES PATENT OFFICE.

FRED T. CONKLIN, OF CHICAGO, ILLINOIS, ASSIGNOR, BY MESNE ASSIGNMENTS, TO MULTI-VENDING COMPANY, OF CHICAGO, ILLINOIS, A CORPORATION OF SOUTH DAKOTA.

MULTIVENDING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 786,192, dated March 28, 1905.

Application filed February 2, 1903. Serial No. 141,462.

To all whom it may concern:

Be it known that I, FRED T. CONKLIN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Commodity-Carriers for Vending-Machines, of which the following is a specification.

My invention relates to commodity-carriers in which there are a plurality of receptacles for the storage of packages of goods, and more particularly to mechanism for yieldingly moving said receptacles into a discharging position and to means whereby the carrier is operated from the exterior of a case inclosing said carrier. Heretofore carriers of this class were moved into a discharging position by the operator, no means being provided to hold the same in such position.

The objects of my invention are to yieldingly move and hold the commodity-carrier into one of its several discharging positions and to provide means whereby the commodity-carrier can be operated from the exterior of a case inclosing said carrier. To attain these objects, I provide a corrugated track mounted to move with the carrier and engaged by a spring-pressed roller and a casing inclosing the carrier provided with a slot through which projects a flange portion secured to the carrier.

While I have shown the corrugated track in a vertical plane, it is obvious that it would only require the skill of a mechanic to arrange a track to serve the same purpose in a horizontal plane or any intermediate plane, and I desire that the appended claims should embody any of such constructions.

While I have shown a spring to hold the roller firmly onto the corrugated track, any other yielding means may be employed, such as a weight—for instance, the weight of the carrier itself.

I have illustrated my device in the accompanying two sheets of drawings, forming a part of this specification, in which—

Figure 1 is a front elevation of a machine embodying my invention. Fig. 2 is a vertical section just inside of the rear wall of the case looking toward the front of the machine. Fig. 3 is a side elevation of the outer casing, and Fig. 4 is a plan section on line 4 4 of Fig. 3.

Similar reference characters refer to similar parts in all the views.

Upon the base 11 is secured, preferably, a sheet-metal casing 13 of proper shape, which is provided with the top 12. The lower front portion of the casing 13 is cut away to provide an opening for the drawer or frame 15, provided with the coin-chute 30, pull-rods 58, money-box 19, and lock 20. Upon the base 11, within the casing 13, is secured a standard or support 75, which supports the central shaft or rod 76, upon which is pivoted the commodity-carrier 77. The packages 85 containing the goods are supported by the ledges 81 and held in vertical piles by the receptacles 82, which are secured together in a circle, as by a ring or band 83, which may have its bearing on the vertical shaft 76.

Secured in any convenient manner to rotate with the commodity-carrier is a corrugated track 83^a, having the low points 84^a and the high points 85^a, corresponding in number and position to the receptacles 82. An antifriction grooved roller 86 is arranged to constantly be held in contact with the track 83^a. The roller 86 is pivoted to an arm 87, which is pivoted to the case 13, as at 88, and yieldingly held down by a coiled contracting spring being secured to the arm 87 and an eye on the casing 13.

Rigidly secured to the commodity-carrier 77 is an annular flange 90, extending through a slot 90^a in the casing 13.

The top 12 may be provided with a door 93, secured in place by a lock 94.

In operation the roller 86 on account of being pressed down by the spring 89 always seeks to lodge in one of the low points 84^a, and thus turn the carrier on its pivot until one of the receptacles 82 is in a discharging position. Some one of the receptacles 82 is in a discharging position each time the roller 86 is resting in one of the low points 84^a of the track 83^a. When it is desired to bring a

different one of the receptacles 82 into a discharging position, the operator needs only to turn the carrier by taking hold of the flange 90 to approximately the desired position, and the roller 86 acting against the track 83[a] will move the carrier 77 to exactly the proper discharging position and yieldingly hold it in such position.

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

1. A commodity-carrier provided with receptacles, means having yielding engagement with said carrier to retain said receptacles respectively in discharging positions, said means comprising a corrugated track and a spring-pressed roller engaging said track.

2. A rotatable commodity-carrier provided with receptacles, means having yielding engagement with said carrier to retain said receptacles respectively in discharging positions, said means comprising a corrugated track connected to said carrier and a roller engaging said track mounted on a spring-pressed lever.

3. In a vending-machine, the combination of a rotatable commodity-carrier and a case inclosing said carrier; an annular slot extending only a portion of the way around said case; and a rim attached to said carrier extending through said slot.

4. A commodity-carrier provided with receptacles, means having yielding engagement with said carrier to retain said receptacles respectively in discharging positions, and a corrugated track wherewith said means operates.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FRED T. CONKLIN.

Witnesses:
R. J. JACKER,
H. B. MARTIN.