

July 3, 1928.

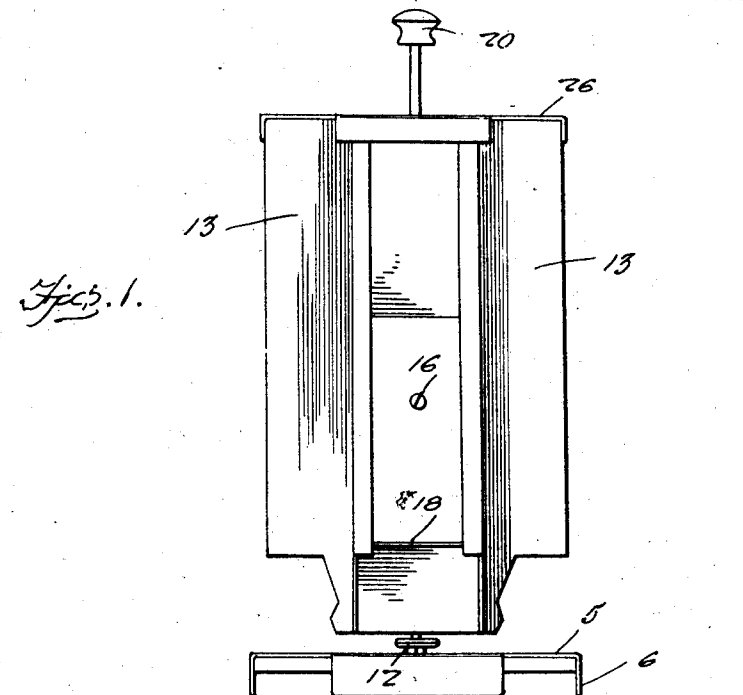
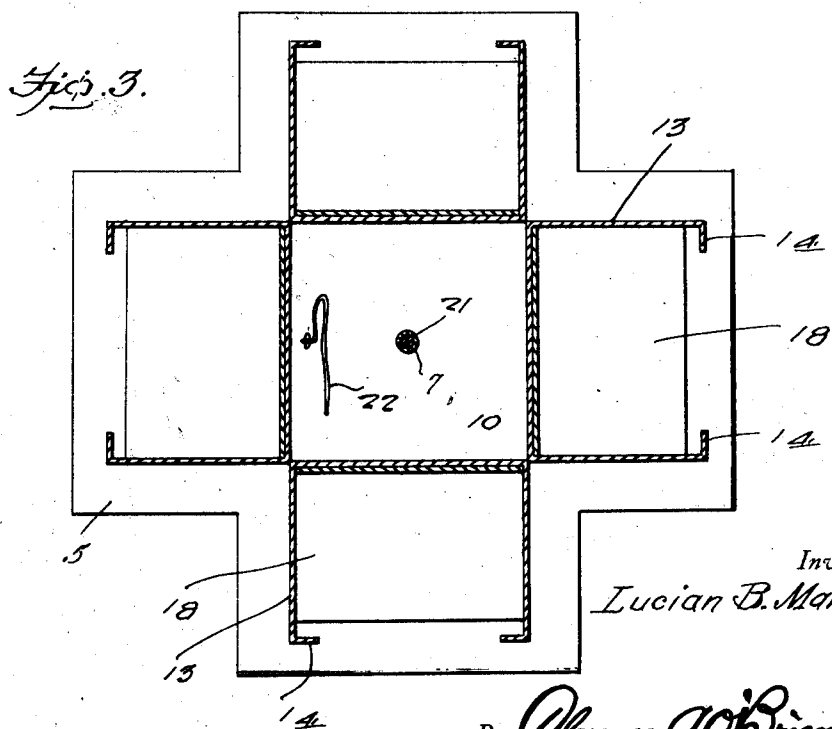
1,675,814

L. B. MARBURY

CIGARETTE PACKAGE DISPENSER

Filed June 2, 1927

2 Sheets-Sheet 1



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2 Sheets-Sheet 2

Fig. 2.

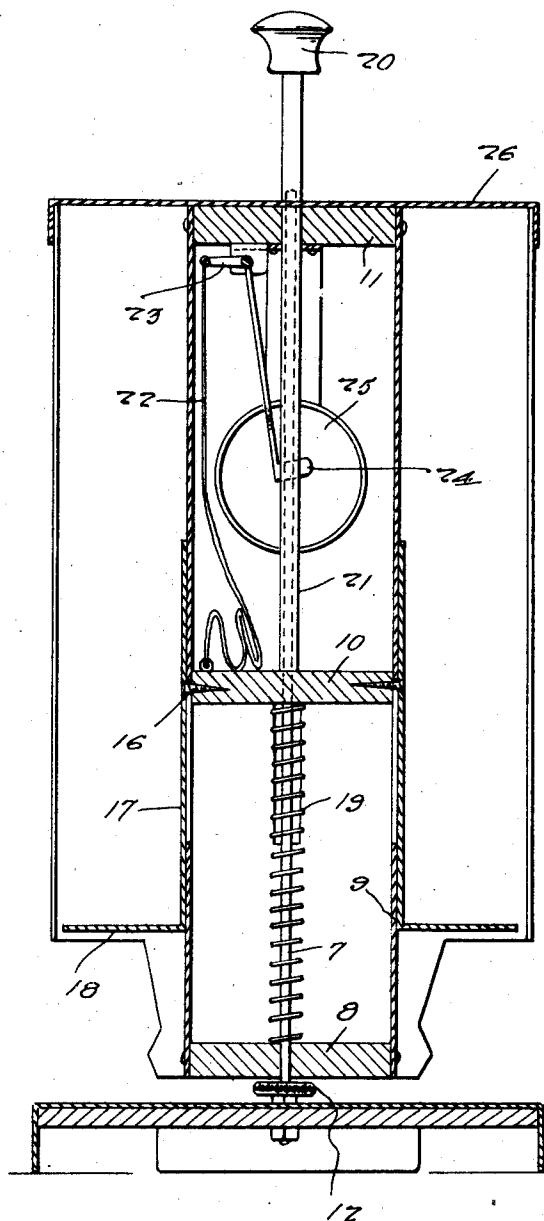
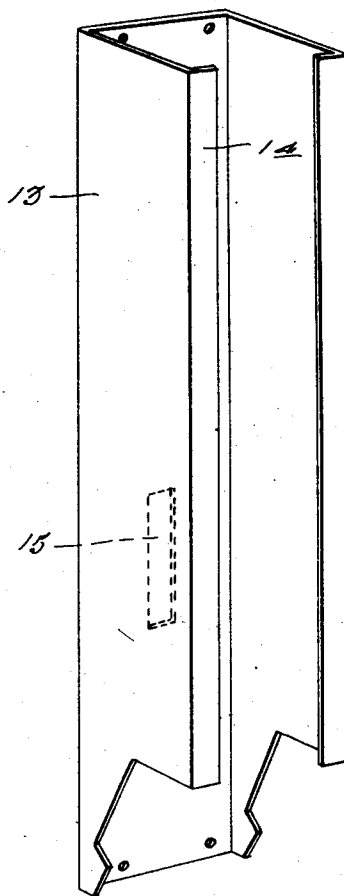


Fig. 4.



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UNITED STATES PATENT OFFICE.

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CIGARETTE PACKAGE DISPENSER.

Application filed June 2, 1927. Serial No. 196,015.

My invention relates to dispensing devices for cigarette packages or the like and comprises a plurality of package retaining compartments arranged about a centrally disposed operating compartment and having shelves movably carried thereon and adapted to extend within the outer compartment whereby to move the packages within said compartment into position for removal from a discharge opening therein.

An object of the invention is to provide a manually operated dispensing apparatus in which the packages retained therein are normally held out of dispensing position and having an operating lever for moving the packages into a position permitting removal therefrom.

A further object of the invention is to connect the operating lever with an audible alarm which is arranged to operate as a signal whenever the lever has been moved into dispensing position.

A still further object is to provide a cigarette package display case in combination with a dispensing device whereby the packages may be displayed in a neat, sanitary and safe manner and at the same time to permit the packages to be easily and quickly removed therefrom.

Other objects and advantages reside in the special construction, combination and arrangement of the various elements forming the invention as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming part hereof, wherein:

Figure 1 is an elevational view of my invention,

Figure 2 is a vertical sectional view thereof,

Figure 3 is a transverse sectional view therethrough, and

Figure 4 is a detail perspective of one of the retaining compartments.

Referring now to the drawings I have shown my invention comprising a supporting base 5 having downwardly extending feet 6 adapted to rest upon the upper surface of a show case or the like. A supporting mast 7 is arranged to extend upwardly from the base, the mast extending upwardly through the end 8 of a casing having vertically extending walls 9 having a horizontal partition 10 intermediate its ends and an upper section 11 inclosing the upper end thereof. A set of ball bearings 12 is ar-

ranged at the lower end of the mast immediately above the base 5 whereby to permit the free rotation thereof.

The casing arranged on the mast may be of any suitable size or shape in cross section, the present embodiment of the invention disclosing a rectangular shaped casing having a cigarette package compartment 13 vertically arranged at each side thereof. The compartment is open at its upper and lower ends and the front side thereof is likewise substantially open although I provide an intumed flange 14 at each side to act as a guide for the packages arranged within the compartment and to prevent the accidental or unauthorized removal of the packages therefrom. A slot 15 is formed within the rear portion of each of the compartments within which screws 16 are adapted to be slidably carried, the head of said screws supporting a substantially L-shaped shelf 17 with the shank of the screw embedded in the side of the partition 10. The shelf therefore is adapted to be moved vertically within the compartment 13, its lower end forming a platform 18 upon which is supported the packages of cigarettes or the like.

The shelf is normally retained upwardly within the compartment by means of a coil spring 19 arranged on the mast 7 and having its upper end abutting the partition 10 with its lower end resting on the lower end 8 of the casing. The mast 7 extends outwardly through the upper end of the central compartment and is provided with a handle 20. The handle is formed on a hollow sleeve 21 which is slidably fitted over the mast with its lower end abutting the upper face of the partition 10. In this manner the handle is adapted to move the partition 10 downwardly within the casing whereby to lower the shelf 17 and permit the removal of a package from the lower end of the compartment 13.

A cable 22 has its lower end attached to the compartment 10 with its upper end attached to a bell crank 23 pivotally mounted to the upper end 11 of the casing and having a clapper 24 formed thereon. A bell 25 is arranged adjacent the clapper whereby upon the downward movement of the partition the cable will move the clapper against the bell whereby to sound the same.

A removable cover 26 may be fitted over the upper ends of the various compartments so as to prevent removal of the packages

from the upper ends of the compartments 13.

- In the operation of the device in order to remove a package of cigarettes from one of the compartments 13 the handle 20 is moved
 5 downwardly thereby lowering the shelf 17 and permitting the package to be extracted from the lower end of the compartment. At the same time the alarm is sounded to indicate that the device is being operated.
 10 It is obvious that the invention is susceptible to various changes and modifications without departing from the spirit thereof or the scope of the appended claims and I accordingly claim all such forms of
 15 the device to which I am entitled.

I claim:

1. In a device of the class described, a rotatably mounted vertically extending casing, a plurality of package compartments
 20 arranged about the side thereof, said compartments being open at their lower ends, a package carrier movably mounted within each of said compartments and means arranged within the casing operatively connected with the carrier whereby to move the
 25 same outwardly from the lower end thereof.

2. In a dispensing device, a centrally disposed casing, a plurality of package compartments arranged about the outer side
 30 thereof, said compartments being open at their lower ends, a supporting mast for the casing extending vertically therethrough, a package carrier slidably arranged within the compartment, means slidably arranged on
 35 the mast connected with the carrier whereby to move the end of the same outwardly from the lower end of the compartment and an audible alarm connected to said carrier operated means and actuated by the movement
 40 thereof.

3. In a dispensing device, a vertically ex-

tending casing, a supporting mast therefore extending upwardly therethrough, a plurality of package compartments arranged about the outer side of the casing, said compartments
 45 having their lower ends open, a package carrier slidably arranged within each compartment a partition slidably arranged within the casing, means connecting the carriers therewith, means yieldably retaining
 50 the partition in an upper position, an operating lever extending outwardly from the casing adapted to manually move the partition downwardly, an alarm device arranged within the casing and means operatively
 55 connecting said device with the partition for actuation thereby.

4. A dispensing device comprising a rotatably mounted mast, a casing arranged thereon, a plurality of package compartments secured to the outer edge of the casing and having slots formed therein communicating therewith, a partition slidably
 60 arranged upon the mast within the casing, a package carrier arranged within each of said compartments having means extending through the slots therein for attachment with the partition, a spring mounted on the mast normally retaining the partition in upward
 65 position, a sleeve arranged on the upper end of the mast and extending outwardly from the casing with its lower end engaging the partition and adapted to move the same downwardly, a bell arranged within the casing, a bell crank pivotally mounted
 70 within the casing having a clapper engageable with the bell and a flexible connection between the bellcrank and the partition whereby to actuate said clapper through the movement of said partition.
 75

In testimony whereof I affix my signature.

LUCIAN B. MARBURY.