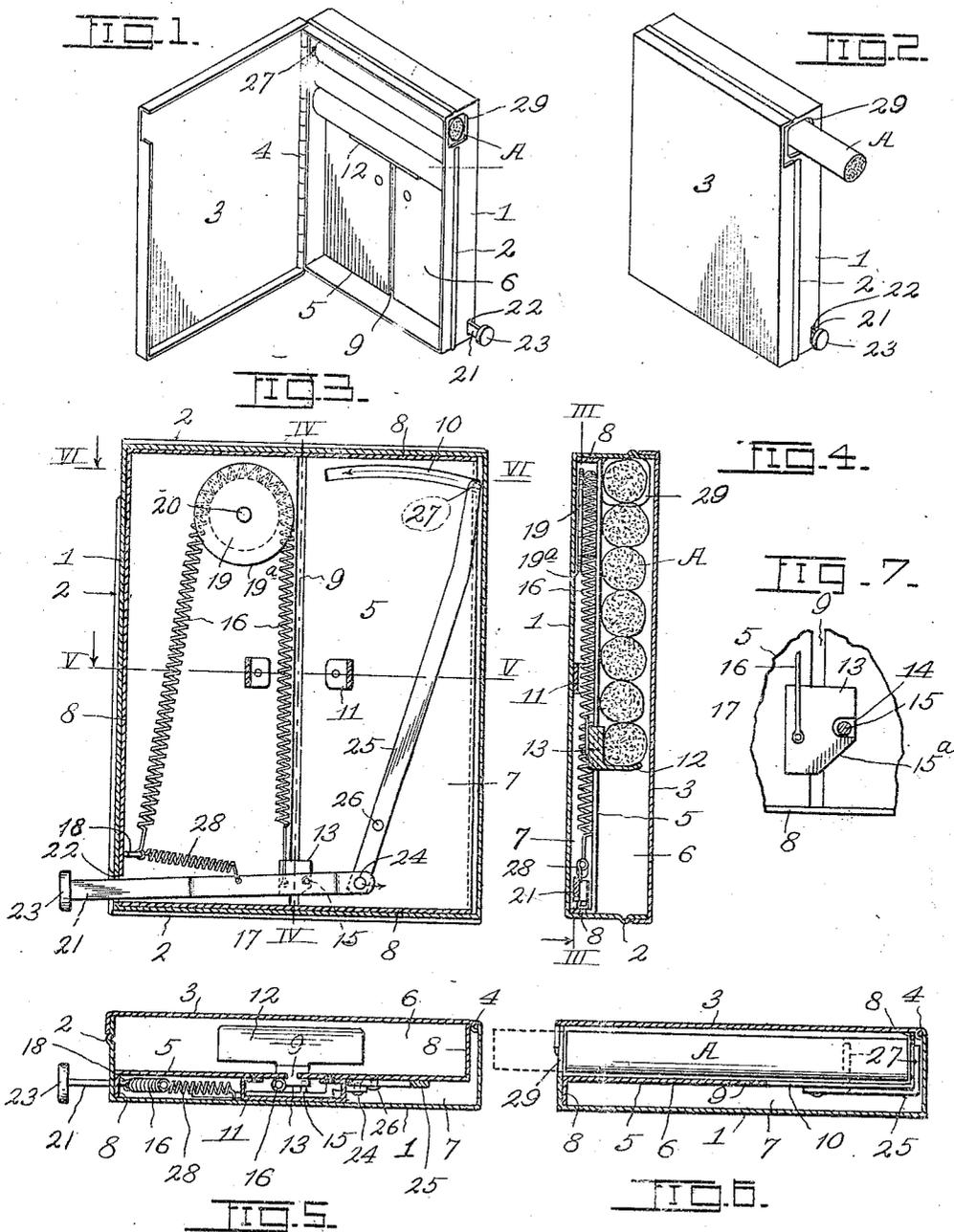


A. STONE.
 CIGARETTE DISPENSING CASE.
 APPLICATION FILED APR. 17, 1915.

1,168,437.

Patented Jan. 18, 1916.



WITNESSES:

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ANDREW STONE, OF KANSAS CITY, MISSOURI.

CIGARETTE-DISPENSING CASE.

1,168,437.

Specification of Letters Patent.

Patented Jan. 18, 1916.

Application filed April 17, 1915. Serial No. 22,006.

To all whom it may concern:

Be it known that I, ANDREW STONE, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Cigarette-Dispensing Cases, of which the following is a specification.

My invention relates to a cigarette dispensing case, and it embodies a magazine for holding a number of cigarettes, and means for dispensing said cigarettes one by one as required.

In order that the invention may be fully understood, reference will now be made to the accompanying drawing, in which:

Figure 1 is a perspective view of the device with its lid open and showing several cigarettes in the magazine. Fig. 2 is a perspective view of the device closed, with a cigarette part way ejected from the device. Fig. 3 is an enlarged section on line III—III of Fig. 4. Fig. 4 is a vertical section on line IV—IV of Fig. 3, with the lid of the case added and the follow plate released. Fig. 5 is a cross section on line V—V of Fig. 3, with the lid added. Fig. 6 is a horizontal section on line VI—VI of Fig. 3, with the lid added and some of the other parts removed. Fig. 7 is a detail of certain parts employed in carrying out the invention.

In carrying out the invention, I employ a suitable case 1 having a bead 2 at three sides thereof to limit the closing movement of a lid 3, secured to the back of the case 1 by a hinge 4. The case 1 is divided by a partition 5 into a cigarette magazine 6 and a compartment 7, in which latter most of the mechanism of the device is located. The partition 5 is reinforced by marginal flanges 8 and has a longitudinal slot 9 and a segmental slot 10. Said partition 5 is secured to a U-shaped lug 11, which in turn is secured to the inner surface of the back of the case 1.

12 designates a follow-plate provided at its rear side with a guide 13 slidable in the slot 9 of the partition and provided at one side with a notch 14 to receive a pin 15, whereby the follow-plate 12 is held near the lower end of the case when the magazine 6 is to be loaded with cigarettes A. The guide 13 has a beveled lower corner 15^a which pushes the pin 15 forward, so that the same may enter the notch 14.

When released from the pin 15 the follow

plate is drawn against the adjacent cigarette by a resilient cable 16, secured at one end to a pin 17 projecting from the guide 13 and secured at its opposite end to an eye 18 projecting from one of the partition flanges 8. The intermediate portion of the resilient cable 16 runs around a sheave 19 journaled upon a stub shaft 20 near one end of the compartment 7. The sheave 19 has but one peripheral flange 19^a, which coacts with the partition 5 in retaining the cable 16 on said sheave 19.

The pin 15 projects laterally from the plunger 21, one end of which extends outward through an opening 22 in one side of the case 1 and is provided with a thumb piece 23. The inner end of the plunger 21 is connected by a pivot 24 to a lever 25, fulcrumed in the compartment 7 upon a pin 26 and bent at its upper end to form an ejector 27, which extends into the magazine 6 through the segmental slot 10. The plunger 21 is normally held in its outermost position, Fig. 3, by a retractile spring 28.

The ejector 27 lies at the rear end of the uppermost cigarette, so that when it sweeps through the segmental slot 10 in the direction indicated by the arrow, Fig. 3, it ejects said uppermost cigarette partway from the case, as disclosed by Fig. 2, through an outlet 29 located in the front side of the case and communicating with the upper end of the magazine 6.

The operation briefly stated is as follows: To load the magazine 6 the lid 3 is thrown to open position and the follow-plate 12 is pulled downward until the pin 15 enters the notch 14. The magazine is then filled with cigarettes after which the lid 3 is closed. When a cigarette is desired the plunger 21 is pushed inward against the action of the spring 28 and disengages the pin 15 from the guide 13, when the resilient cable 16 causes the follow-plate 12 to push the cigarettes upward in the magazine 6. Continued inward movement of the plunger 21 rocks the lever 25, which causes the ejector 27 to sweep through the slot 10 and eject the topmost cigarette through the outlet 29 far enough to allow the operator to remove it either with his mouth or fingers. When the plunger is released it is instantly restored to normal position by the spring 28, and in turn restores the lever 25 and the ejector 27 to normal position, after which the follow plate 12 immediately forces the

remaining cigarettes upward, so that the topmost one may be ejected in the same manner as the initial cigarettes. Thus the cigarettes may be successively ejected until the magazine is emptied.

While I have shown and described the device as arranged for handling cigarettes, it is obvious that it can be also used in dispensing cigars without departing from the spirit and scope of the claims.

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

1. In a device of the character described, a case having a magazine communicating with an outlet and adapted to hold cigars or cigarettes, a follow plate in said magazine to push the contents thereof toward the outlet, a plunger to lock said follow plate while the magazine is being loaded, and means controlled by said plunger to eject the con-

tents of said magazine one by one through the outlet.

2. In a device of the character described, a case having a magazine communicating with an outlet, a slotted partition separating the magazine from the remainder of the case, a follow plate in said magazine to push the contents thereof toward the outlet, a guide on said follow plate operating in the slot of the magazine and having a bevel corner, a plunger to lock said follow plate while the magazine is being filled, and a lever controlled by said plunger to eject the contents of the magazine one by one through the outlet.

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

ANDREW STONE.

Witnesses:

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