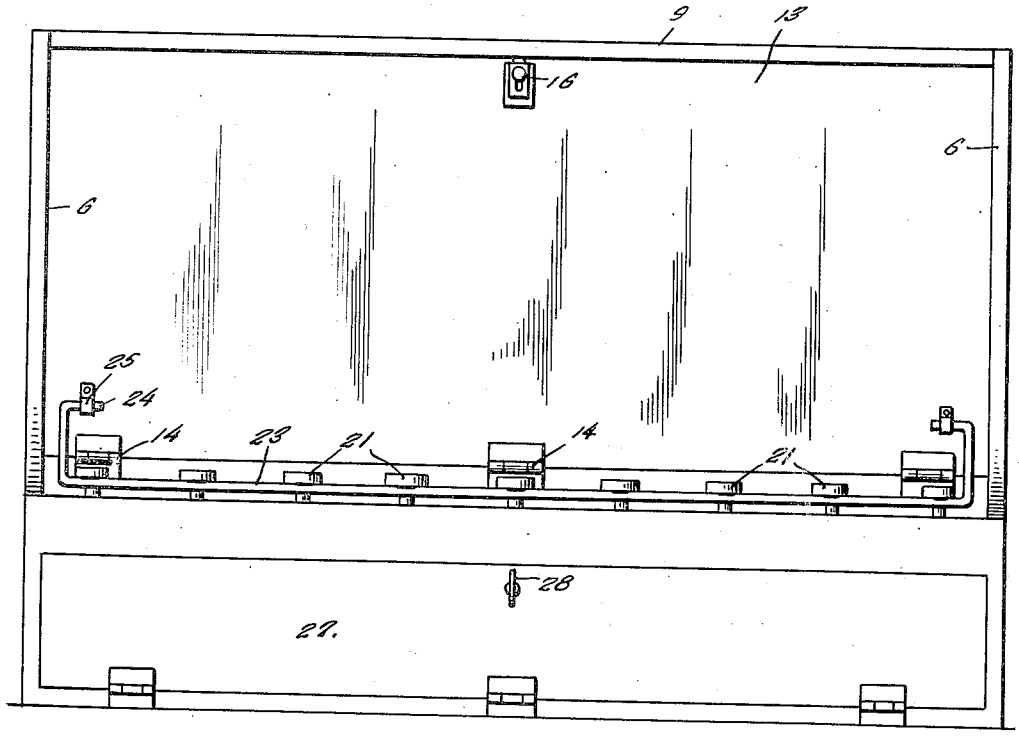
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CIGARETTE DISPLAY AND VENDING CASE

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Fig. 1.



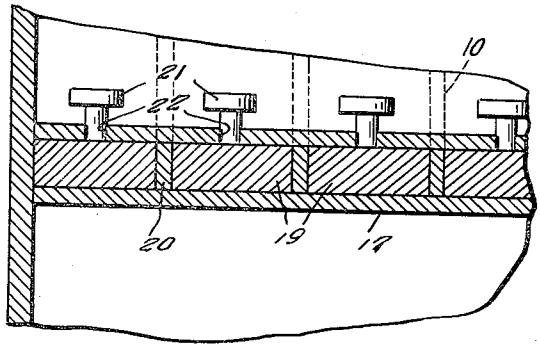


Fig. 3.

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Fig. 2.

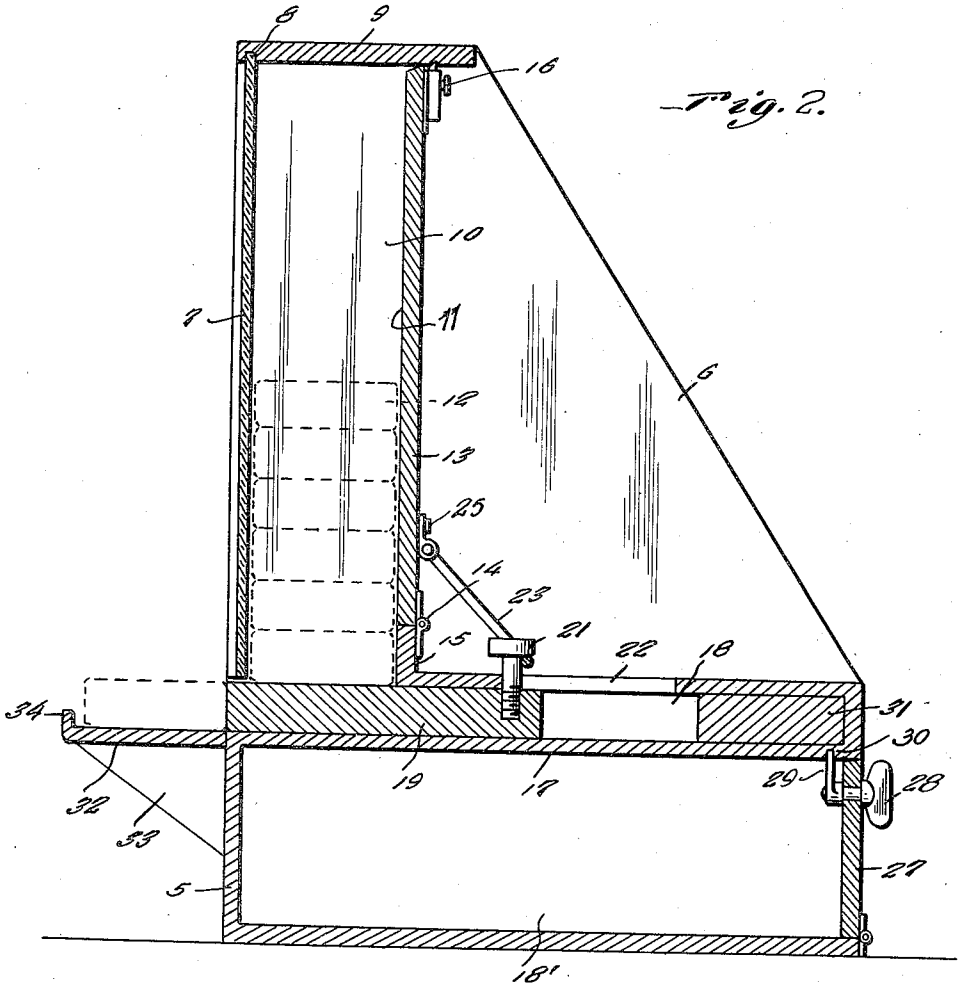
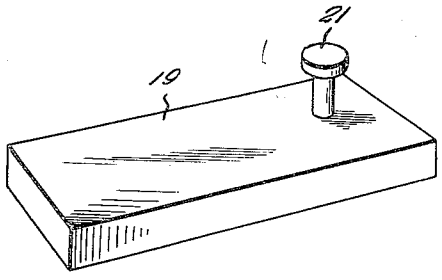


Fig. 4.



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CIGARETTE DISPLAY AND VENDING CASE

Everett S. Wade, Mount Olive, Miss.

Application April 8, 1937, Serial No. 135,772

1 Claim. (Cl. 312—67)

This invention is a display and vending case and an object of the invention is to provide a case of this character particularly designed for displaying and vending cigarettes.

The invention together with its objects and advantages will be best understood from a study of the following description taken in connection with the accompanying drawings wherein:—

Figure 1 is a rear elevational view of the case.

Figure 2 is a vertical sectional view through the case.

Figure 3 is a fragmentary detail sectional view showing the followers.

Figure 4 is a perspective view of one of the slide blocks or followers.

Referring in detail to the drawings, it will be seen that in the preferred embodiment thereof the display and vending case comprises a hollow rectangular bottom 5 from which rises, adjacent opposite ends thereof, perpendicular walls 6.

Extending between the walls 6 at the front edges thereof is a transparent panel, preferably a glass panel, 7 the lower edge of which rests on the base 5 and the upper edge of which fits into a groove 8 provided therefor in a wall 9 that connects the upper ends of the walls 6.

Arranged between the walls 6 are a plurality of narrow vertical partitions as at 10 providing a plurality of compartments as at 11 each of which is adapted to accommodate a plurality of packages 12 of cigarettes or the like arranged in a vertical stack.

Access to the compartments 11 is had through the rear thereof and for the rear of the compartments 11 there is provided a door 13 common to said compartments.

The door 13 at its lower edge is hinged as at 14 to a strip 15 that extends between the walls 6 and a suitable latch 16 is provided for securing the door 13 in closed position.

Latch 16 includes a casing having therein a spring projected bolt the outer end of which is adapted to engage in a suitable notch provided therefor in the underside of the wall 9 as clearly shown in Figure 2.

The base 5 of the case is hollow and is provided with a horizontal partition 17 which divides the bottom 5 into a storage compartment 18' and a relatively shallow slide or follower compartment 18.

The top of the base in alignment with the magazines or compartments 11 is provided with openings through which the lowermost packages 12 pass into the compartment 18 to align with the followers or slides 19 that have a working fit in the compartment 18.

The compartment 18 is divided through the medium of partitions 20 into narrow guideways in which work the slides or followers 19 (see Figure 3).

Each slide or follower 19 is equipped with a headed stud 21 the stem of which is threaded into the slide or follower 19 as shown in Figure 2 and works in a suitable slot 22 provided therefor in the top wall of the base 5.

To releasably secure the slides 19 in their forwardmost position or the position shown in Figure 2 there is provided a resilient keeper rod or bail 23, the respective opposite ends of which are bent at right angles thereto and terminate in angularly disposed pintles 24 journaled in bearings 25 suitably mounted on the vertically swinging door 13.

The rod, or bail, 23 is so designed that when the slides, or followers, 19 are in their forwardmost position, shown in Figure 2, and the door 13 partly open, said rod will drop down over and behind the studs 21, and under closing movement of said door will engage under the heads of said studs to secure the slides, or followers, 19 in said position against unauthorized operation so that cigarette packages may not be removed from any compartment 11 by unauthorized persons.

The compartment 18' in the base 5 of the display case is open at the rear of said case, and at the rear of the case is provided with a vertically swinging hingedly mounted door 27 provided with a suitable latch 28 for releasably securing the door 27 in closed position.

Latch 28 embodies as clearly shown in Figures 1 and 2 a keeper bolt 29 which is engageable in an arcuate groove 30 provided in the top wall of the compartment 18 to releasably secure the door 27 in closed position.

Suitably positioned within the compartment 18 and extending from one end to the other end of the compartment, at the rear of the compartment is a stopblock 31 that limits return movement of the followers or slides 19.

Projecting forwardly from the front of the base 5 is a tray 32 braced with respect to the base 5 through the medium of braces 33 and provided at its forward-most edge with an upstanding stop flange 34. Tray 32 serves to support in a manner convenient to the customer, the ejected package of cigarettes.

It will be seen that in using the device the slides 19 are normally in the forward-most position shown in Figure 2. When a customer selects a

desired brand of cigarette, latch rod 23 is raised upwardly out of engagement with the studs 21, said rod being sufficiently resilient for that purpose, after which the slide 19 associated with the compartment 11 containing the selected brand of cigarette is slid rearwardly or to a retracted position so that the lowermost pack of cigarettes will drop downwardly into alignment with the slide 19. The said slide 19 is then pushed forwardly to eject the package of cigarettes positioning the latter on the tray 32 as suggested in broken lines in Figure 2 whereupon the door 13 is slightly opened and the rod or bail 23 is permitted to gravitate over the stud 21 of said slide and said door then closed to secure said slide in forwardmost position in the manner previously described.

It is thought that a clear understanding of the construction, utility and advantages of an invention of this character will be had without a more detailed description.

Having thus described the invention, what is claimed as new is:

A device of the class described comprising a casing having a horizontal row of vertically arranged chutes therein, open at the rear sides thereof, said casing also having a plurality of horizontal guideways therein below said chutes, said guideways being provided with front ends opening into said chutes, ejector slides in the guideways independently slidable forwardly and rearwardly into and out of said chutes, a closure panel for the rear side of the chutes hinged to the casing for vertical swinging movement into opening and closing positions, respectively, and means to releasably lock all the ejector slides in forward position under closing movement of said panel comprising upstanding studs on said slides, and a bail pivotally mounted on the back of the panel for gravitational movement to embrace said studs and for forward movement under closing movement of the panel into engagement with said studs.

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