Nov. 22, 1927. 1,650,181

E. BLACK

CIGAR AND CIGARETTE DISPENSING DEVICE

Filed Sept. 16, 1926

Fig. 1.

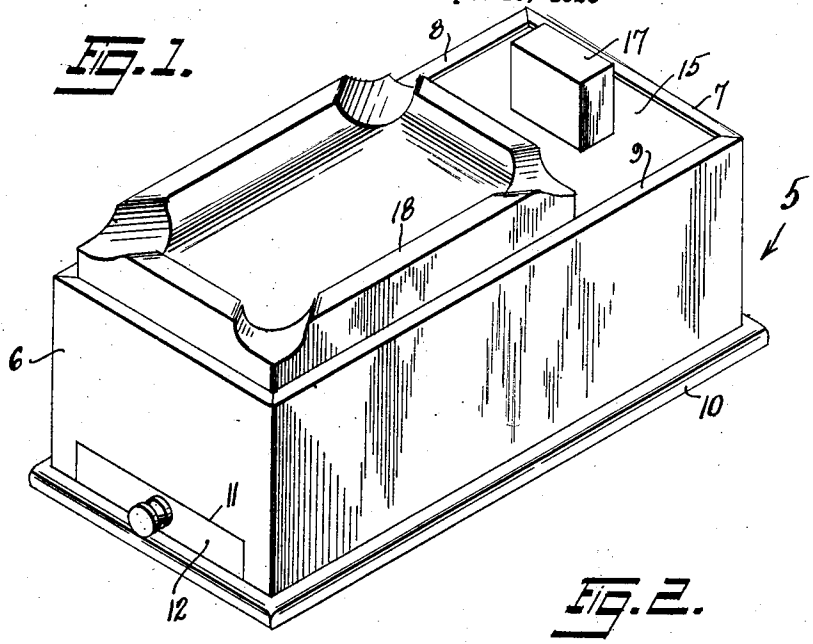


Fig. 2.

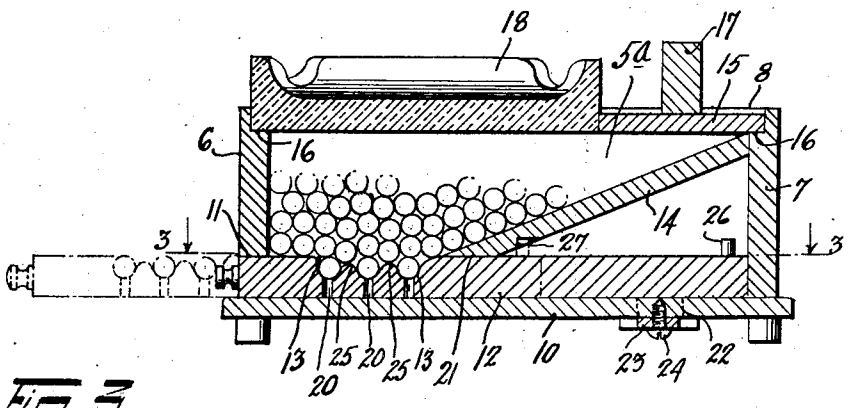
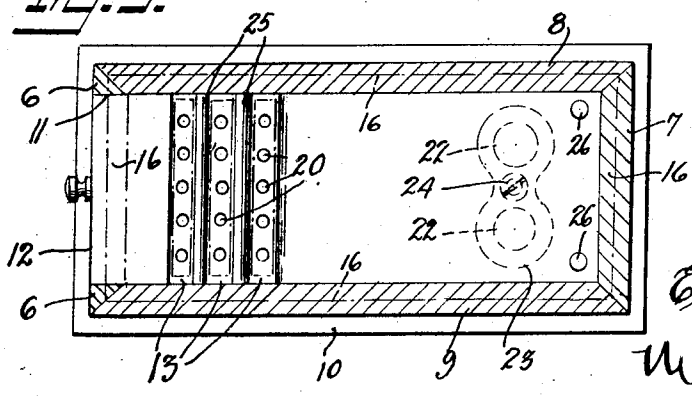


Fig. 3.



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CIGAR AND CIGARETTE DISPENSING DEVICE.

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This invention relates to cigar and cigarette dispensing devices and the main object thereof is to provide a device of this nature of substantial construction and inexpensive in price.

Another object of the invention is to provide a device of this nature with a dispensing drawer or slide having grooves therein that will automatically be refilled by the action of gravity.

A further object of the invention is to provide means within a device of this nature that will insure positive action, and prevent the slide from sticking when being drawn out.

A still further object of the invention is to provide means whereby the device may readily be refilled without having to dismount same.

Other objects and novel features of construction will become more apparent as the description proceeds.

In the drawings forming a part of this specification:

Figure 1 is a view in perspective of such a device constructed according to my invention.

Figure 2 is a longitudinal section taken approximately through the center of the device and

Figure 3 is a section view taken on line 3—3, Figure 2.

Referring to the drawings in detail in which like numerals refer to the same parts throughout the several views, 5 indicates a box like body portion made of wood or metal and provided with a front wall 6, a rear wall 7, side walls 8 and 9 and a base 10. Upon the base 10 and operating between the side walls 8 and 9 and through an opening 11 in the front wall 6 there is slidingly mounted a cigarette dispensing slide member 12 provided with grooves 13 cut laterally across its top surface and near the front end thereof. While I have shown a plurality of such grooves 13 only a single one may be used. A wall 14 forming an inclined base is suitably secured inside the body member 5 and together with the front wall 5 and the sidewalls 8 and 9 form a chamber 5^a in which cigars or cigarettes may be stored.

The chamber 5^a may be partially closed at the top thereof by a wall 15 resting upon and secured to ledges 16 provided in the side walls 8 and 9 and the rear wall 7. The said wall 15 has secured thereto a block 17 upon which a box of matches may be suitably mounted. The top may be fully closed by an ash receptacle 18 removably supported upon the ledges 16 in the front wall 6 and the side walls 7 and 8. This ash receptacle acts as a lid or cover that may be removed when it is desired to fill the device with cigars or cigarettes.

It will be readily understood that when the device is used for dispensing cigarettes, some of the tobacco will fall out, due to its becoming dry and on account of the rolling of the cigarettes and tends to accumulate in the grooves 13 thus raising the cigarette above the top surface of the slide 12 which will cause same to stick in the slide opening 11 and so prevent or hinder the withdrawal of the slide. To overcome this tendency I provide a series of holes or openings 20 in each of the grooves 13 through which such tobacco as may accumulate may fall through and out when the slide is fully drawn forward. Likewise some of the loose tobacco may get underneath the edge of the wall 14 as at 21 and fall on to the base 10 when the slide is drawn forwardly. If allowed to accumulate, this tobacco will prevent the ready sliding of the member 12. To overcome this, I provide holes or openings 22 at the rear of the base 12 normally covered by a plate 23 maintained in place thereon by a screw 24. By loosening the screw 24 and turning the plate 23 half way around, any tobacco that may have accumulated will fall out through said openings 22.

By referring to Fig. 2 of the drawings, it will be seen that the top surface of each of the convex portions 25 between the grooves 13 is slightly below the top surface of the slide 12. This arrangement will prevent the cigarette lying on top of the said surface from being caught between the cigarette in the groove and the convex portion 25 when the slide is being drawn out and thus prevent the sticking of the slide on this account. The forward movement of the slide is limited by pins or projections 26 in the base and a shoulder 27 in the wall 14.

The operation of the device is as follows: After the chamber 5^a is filled with cigarettes, the slide 12 is drawn out with one cigarette in each of the grooves 13. Upon the return of the slide to normal position,

the grooves will again be filled by gravity. It will be understood that as the number of cigarettes are gradually diminished so that there will only be one layer of them in the chamber, these will roll down the inclined base 14 and fill up all of the grooves 13 when the slide is returned, until there are less than ten such cigarettes in the chamber, when only one or two such cigarettes will roll into the grooves. This will indicate that the supply has to be replenished.

From the above it will be seen that I have provided a cigar or cigarette dispensing device easy to operate, positive in action and one that can be refilled without disassembling same. It will also indicate prior to the complete exhaustion of its contents that such refilling has to take place.

Having described my invention, what I claim as new is:

1. In a cigarette dispensing device, comprising a body provided with a base having openings therein, a cigarette holding chamber within the body, a slide operably mounted on the base below the chamber, a groove cut laterally across the top surface of the slide, adapted to be gravitationally filled with a cigarette, an inclined wall cooperating with the slide to deposit a cigarette in the groove, and a plate removably secured to the base below the openings therein to permit any accumulation of tobacco in the said openings to drop out when the said plate is removed.

2. In a cigarette dispensing device, comprising a body provided with a base having openings therein, front, rear and side walls, a chamber within the body, a ledge on each of the walls, an inclined wall within the body, a slide operably mounted on the base below the inclined wall in cooperative relation therewith, grooves cut laterally across the top surface of the slide adapted to be gravitationally filled with cigarettes in the chamber and on the inclined wall, a cover removably supported on the ledges of the walls, and a plate removably secured to the base below the openings therein to permit any accumulation of tobacco within the said openings to drop out when the plate is removed.

EUGENE BLACK.