

May 3, 1932.

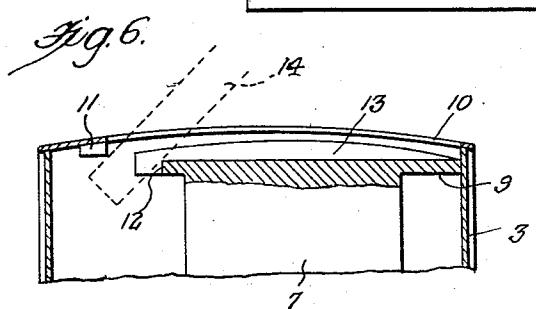
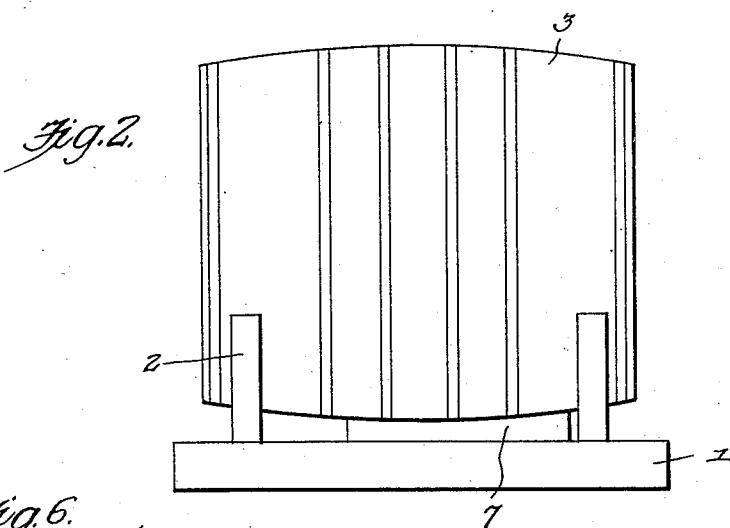
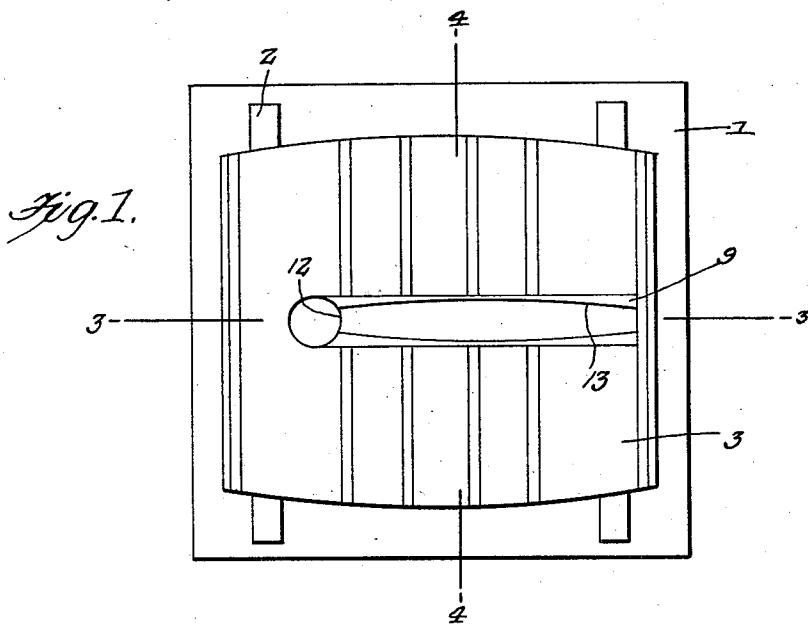
A. SCHUMER

1,856,790

CIGARETTE CONTAINER AND DISPENSER

Filed Nov. 26, 1930

2 Sheets-Sheet 1



Anton Schumer,

Inventor

By Clarence O'Brien, Attorney

May 3, 1932.

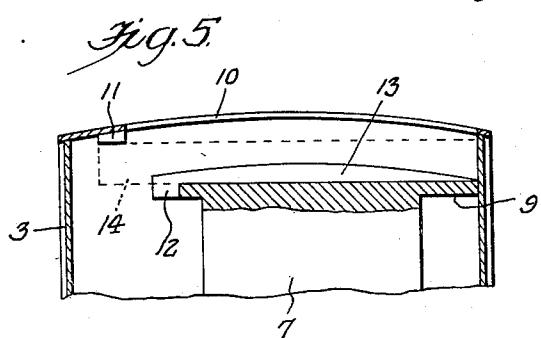
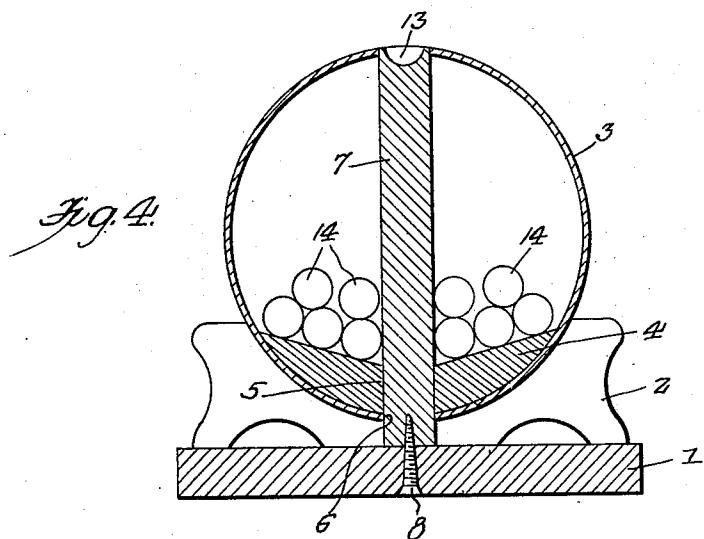
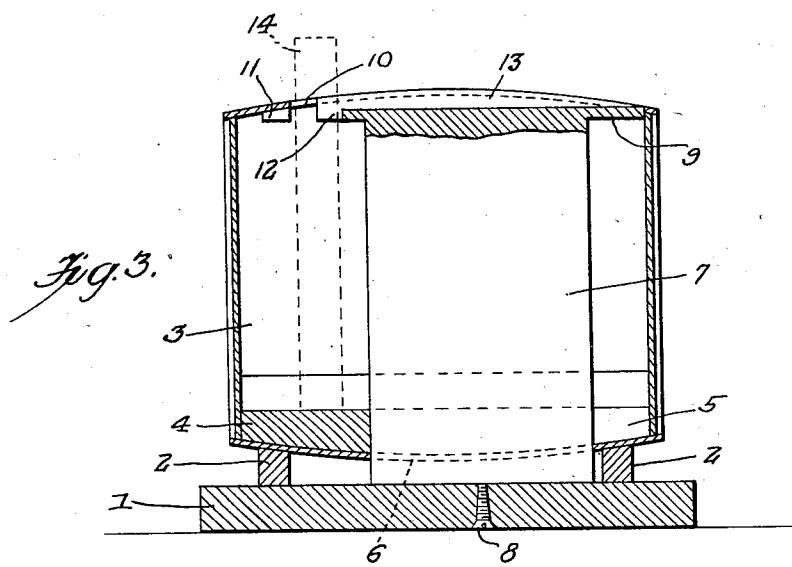
A. SCHUMER

1,856,790

CIGARETTE CONTAINER AND DISPENSER

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2 Sheets-Sheet 2



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UNITED STATES PATENT OFFICE

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CIGARETTE CONTAINER AND DISPENSER

Application filed November 26, 1930. Serial No. 498,449.

This invention relates to a cigarette container and dispenser and has for its primary object to provide, in a manner as hereinafter set forth, a device of the character embodying a base supported vertical standard upon which is mounted for vertical reciprocation a container for the reception of the cigarettes, the standard having its upper end or edge grooved to receive one of the cigarettes in a manner to eject said one cigarette through an opening in the upper side of the container when said container is raised and then lowered relative to the standard.

Another important object of the invention is to provide a cigarette container and dispenser of the character described embodying a novel construction and arrangement of parts whereby each cigarette, when ejected, will be retained in an upright or inclined position to facilitate the removal thereof.

Other objects of the invention are to provide a cigarette container and dispenser of the character set forth which will be simple in construction, strong, durable, efficient and reliable in use, attractive in appearance and which may be manufactured at low cost.

All of the foregoing and still further objects and advantages of the invention may become apparent from a study of the following description, taken in connection with the accompanying drawings wherein like characters of reference designate corresponding parts throughout the several views, and wherein:

Figure 1 is a view in top plan of a cigarette container and dispenser in accordance with this invention.

Figure 2 is a view in side elevation thereof.

Figure 3 is a view in vertical longitudinal section taken substantially on the line 3—3 of Figure 1.

Figure 4 is a view in vertical cross section taken substantially on the line 4—4 of Figure 1.

Figure 5 is a fragmentary view in vertical longitudinal section showing the upper portion of the device and just prior to the ejection of a cigarette.

Figure 6 is a view similar to Figure 5 showing the device after the cigarette has been ejected.

Referring to the drawings in detail, it will be seen that the reference numeral 1 designates a flat, horizontally disposed base adjacent the ends of which the vertically disposed brackets 2 are secured. The brackets 2 are recessed for the reception of the opposite end portions of a horizontally disposed, substantially cylindrical container 3 which is closed at its ends. The container 3 is preferably in the form of a miniature barrel and may be suitably ornamented to add to the attractiveness of the device. In the lower side of the barrel is a synclinal bottom 4 which is provided with a longitudinal slot 5 at its axis which extends from one end of said bottom 4 to a point in spaced relation to the other end thereof, as illustrated to advantage in Figure 3 of the drawings. The lower side of the container 3 is provided with a longitudinally extending slot 6 in an intermediate portion of said container which communicates with the slot 5 in the bottom member 4.

The slots 5 and 6 slidably receive a vertical standard 7 which is secured by suitable means, such as a screw 8 to the base 1. An integral, longitudinally grooved head 9 is provided on the upper end of the standard 7 and has its ends projecting beyond the vertical edges of the standard 7. The upper side of the container 3 is provided with a longitudinally extending slot 10 for the reception of the head 9, one end of the slot 10 extending beyond the corresponding end of the head 9 for a purpose to be presently set forth. A depending abutment 11 is secured in the container 3 adjacent said one end of the upper slot 10 and the corresponding end portion of the head 9 is provided with a notch or recess 12. The longitudinal groove in the head 9 is designated by the reference numeral 13 and the cigarettes in the device are designated by the reference numeral 14.

The notch or recess 12 in the head 9 is substantially semi-circular in form and the corresponding end wall of the slot 10 is also substantially semi-circular in form. As before stated, the slot 10 is of greater length than the head 9 but said slot 10 is of less length than the cigarettes 14. It may be well

to also state at this point that the distance between the upper surface of the bottom 4 and the upper side of the container 3 is less than the length of the cigarettes 14 as will be seen from a consideration of Figure 3 of the drawings.

In use, the container 3 is raised from the supporting brackets 2 in a manner to withdraw the head 9 from the slot 10 after which the cigarettes 14 may be inserted through the slot 10 into the container. As will be apparent, the synclinal bottom 4 in the container 3 will cause the cigarettes 14 to gravitate toward the standard 7. When it is desired to dispense one of the cigarettes 14, the container 3 is raised a distance sufficient to permit one of the cigarettes to drop into the groove 13 in the head 9 after which the container is again lowered. Just before the limit of the downward movement of the container 3 is reached, one end portion of the cigarette which is disposed in the groove 13 will engage the abutment 11 in the manner illustrated to advantage in Figure 5 of the drawings and the continued downward movement of the container 3 will cause the cigarette to fulcrum on the adjacent notched end of the head 9 and swing upwardly through the slot 10 in the manner illustrated to advantage in Figure 6 of the drawings. When the container 3 again rests on the supporting brackets 2, the cigarette will have been disposed in the vertical position illustrated in Figure 3 of the drawings, said cigarette resting on the bottom 4 with its upper portion projecting outwardly through one end portion of the slot 10 in which position the cigarette may be conveniently removed, as will be obvious. While the device herein illustrated and described is particularly intended for use with cigarettes, same may be used for containing and dispensing any articles for which it may be found adapted and desirable. The different elements forming the invention may be of any suitable material and of any desired size.

It is believed that the many advantages of a device in accordance with this invention will be readily understood, and although the preferred embodiment of the invention is as illustrated and described, it is to be understood that changes in the details of construction may be had which will fall within the scope of the invention as claimed.

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

A cigarette dispensing device comprising a base, brackets adjacent each end of the base having a substantially semi-circular recess in its upper portion, a barrel shaped container normally resting in the recesses in the bracket and disposed in a horizontal plane, a bottom member in the container, said bottom member and the lower part of the container having longitudinal extending slots

therein, a slot in the container located intermediate the ends thereof and the slot in the bottom part extending from one end thereof to an intermediate part which is in alinement with the adjacent end of the slot in the container, with the surface of the bottom part sloping inwardly and downwardly to the slot, a standard attached to the base and passing through the slot and having its ends and side walls guided by the walls of the slot in the container, the upper part of the container having a longitudinally extending slot therein extending from one end thereof to a point an appreciable distance from the other end, the last mentioned end of the slot having a semi-cylindrical end wall, a head formed on the upper end of the standard and of greater length than the width of the standard, one end of the head contacting an end of the container and the other end of the head being spaced from the semi-circular end walls of the slot in the upper part of the container and this end of the head having a vertically arranged notch therein of substantially semi-circular form which forms with the semi-circular end of the slot in the container, a circular opening, the upper edge of the head having a longitudinal groove therein extending from end to end of the head and a depending projection on the inner face of the top part of the container having its inner end in alinement with part of the cylindrical end wall of the slot in top of the container.

In testimony whereof I affix my signature. 100
ANTON SCHUMER.

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