

June 26, 1928.

1,674,987

L. PENGILLY

CIGARETTE CONTAINER AND DISPENSER

Filed March 22, 1926

Fig. 1

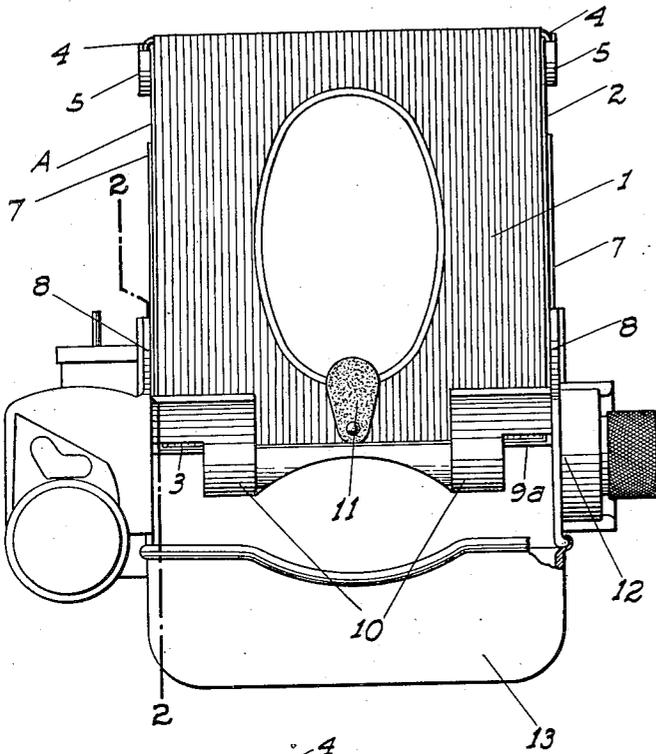


Fig. 3

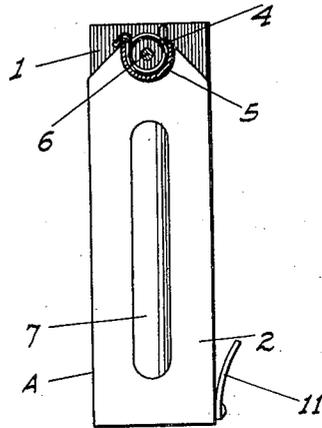


Fig. 4

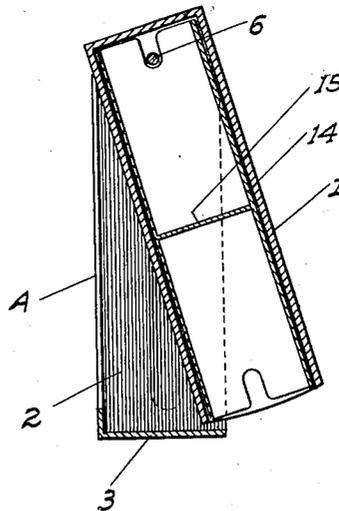
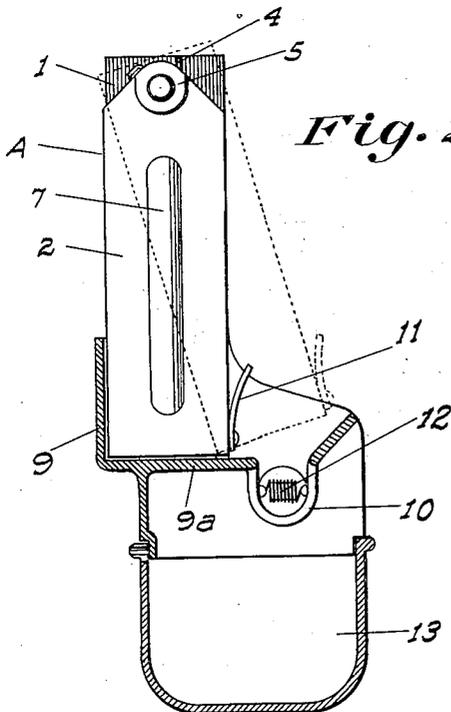


Fig. 2



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CIGARETTE CONTAINER AND DISPENSER.

Application filed March 22, 1926. Serial No. 26,441.

This invention relates to improvements in cigarette holding and lighting attachments for motor vehicles, to enable a smoker to have a constant supply of cigarettes on hand in the vehicle and to enable any cigarette to be ignited when desired without having to apply a match thereto.

The present invention particularly represents an improvement over the type of container and dispenser shown in my application for patent Serial No. 616,906, filed February 5th, 1923; my principal object now being to provide a container adapted to be removably mounted on the frame of the ignition device, which is permanently mounted on the vehicle, said container being so arranged in connection with a dispensing control means that when the container is thus mounted, the operation of the control means causes a cigarette to be dispensed into alignment with the ignition means. The container being removable may be filled with cigarettes at any time or place without disturbing the ignition means, and being compact and of rigid nature may be conveniently carried in a pocket of the garments of the owner.

A further object of the invention is to produce a simple and inexpensive device and yet one which will be exceedingly effective for the purpose for which it is designed.

These objects I accomplish by means of such structure and relative arrangement of parts as will fully appear by a perusal of the following specification and claims.

In the drawings similar characters of reference indicate corresponding parts in the several views:

Fig. 1 is a front elevation of the container and dispenser shown in connection with an ignition structure.

Fig. 2 is a transverse section on the line 2-2 of Fig. 1.

Fig. 3 is an end elevation of the container detached.

Fig. 4 is cross section of the container.

Referring now more particularly to the characters of reference on the drawings, the numeral 1 denotes the container, a rectangular member of suitable height, length and width open on the bottom. This container is pivotally mounted adjacent its upper ends in a frame A which includes sides 2 between which the container closely fits, and substantially the same width as said container, and

a bottom wall 3 extending between the sides 2 and forming a closure for the open bottom of the container. The latter is normally maintained in a bottom closing position by suitable spring means between the frame and container. In the present instance I have shown coil springs 4 disposed in cups 5 formed in the sides 2 concentric with the pivotal pin 6 of the container, one end of each spring bearing against the frame and the other against the container in a direction to press the bottom of the latter inwardly of said frame. The sides 2 have vertical and outwardly projecting ribs or ridges 7 which have a sliding fit in grooves provided in the end plates 8 which are formed as part of a supporting frame 9 adapted to be attached to the dashboard of a motor vehicle or other suitable location. The frame 9 includes a horizontal member 9^a which extends under the frame A and limits the downward movement of the same.

The container 1 is readily removable at any time by drawing the same upwardly. The container being normally closed in the frame A, may be carried in a pocket of the garments of the owner if desired, without the danger of the cigarettes dropping out, so that he may have a supply of cigarettes with him when leaving the car.

Projecting forwardly from the member 9^a and disposed in a plane below the same and outwardly of the frame 2 are cradles 10. To enable a cigarette to be dispensed from the container onto the cradles, a tab 11 or similar projection is mounted on the front of the container centrally of its width and near the bottom. By pulling on this tab, the container will be swung forward about its hinges, causing the open bottom of the container to be vertically aligned with the cradles, and allowing a cigarette to drop from the container onto said cradles.

A suction cup is mounted on one plate 8, and a heating element 12 is mounted on the other plate, said cup and element being aligned with each other and with the cradles. These features however form no part of the present invention, being fully shown and described in my co-pending application for patent, Serial No. 42,905, filed July 11, 1925.

Supported by the plates 8 at their lower ends below the cradles, is an ash tray 13 slidably mounted for horizontal movement transversely of the structure so that it may be removed by an outward movement at any

time to empty its contents. This ash tray is not only a convenience for the smoker at any time but serves to catch any ash formed on and dropping from a cigarette during its 5 ignition.

In order to prevent cigarettes from being displaced in position in the container when the latter is being carried in the pocket and with but few cigarettes therein, I may place 10 a removable and reversible open ended sleeve 14 in the container, said sleeve having a snug fit in the container and being provided with a transverse centrally disposed partition 15. This divides the container into two 15 horizontally separated compartments, each having a certain number of cigarettes. Since the height of each compartment is considerably less than its width, it will obviously be impossible for a cigarette to become 20 permanently displaced, even though the container may be carried in an up-ended position in a pocket. At the same time, the capacity of the container is not reduced, and a considerable number of cigarettes may be 25 carried.

From the foregoing description it will be readily seen that I have produced such a device as substantially fulfills the objects of the invention as set forth herein.

30 While this specification sets forth in detail the present and preferred construction of the device, still in practice such deviations from such detail may be resorted to as do not form a departure from the spirit of the 35 invention, as defined by the appended claims.

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

40 1. A cigarette container and dispenser including with a structure to be mounted in a fixed position, supporting means for a cigarette mounted on the structure, a cigarette container, a frame including sides and a 45 bottom in which the container is pivoted at its upper end, means for removably supporting the frame on the structure to the rear of and above the cigarette supporting means, the bottom of the container being open, means normally holding the container in the

50 frame so that the open bottom thereof is covered by the bottom of the frame, and means operable at will for turning the container outwardly to move the bottom thereof clear of the frame and align it with the 55 supports.

2. A cigarette container comprising an enclosure open at one end, a sleeve open at both ends arranged to removably and reversibly fit in the container, a transverse partition in the sleeve intermediate its ends, 60 and means associated with the enclosure for normally closing the open end thereof.

3. A cigarette container and dispenser comprising a supporting structure which includes longitudinally spaced and transversely 65 extending members having vertical grooves on their adjacent faces open to the top, a frame having sides to fit between said members; the sides having ridges to seat in the grooves whereby to hold the frame 70 against horizontal movement in said members; and a container for cigarettes pivoted onto the frame at the top thereof, said container being open on the bottom and being adapted to be swung outwardly to clear the 75 bottom of the frame.

4. The combination with a cigarette supporting and lighting mechanism including a supporting frame for a cigarette container, of a container adapted to be mounted onto 80 the supporting frame or removed therefrom and transported at will independently thereof, and means for dispensing a cigarette from the container irrespective of whether it is mounted on the frame or removed there- 85 from.

5. The combination with a cigarette supporting and lighting mechanism including a supporting frame for a cigarette container, of a container adapted to be mounted onto 90 the supporting frame or removed therefrom and transported at will independently thereof, and means whereby when the container is mounted on the frame a cigarette may be 95 dispensed therefrom in position for ignition through the medium of the ignition means.

In testimony whereof I affix my signature.

LEWIS PENGILLY.