Oct. 25, 1932. J. W. MADDOX 1,884,030

CIGARETTE CONTAINER

Filed May 15, 1930

Fig. 1.

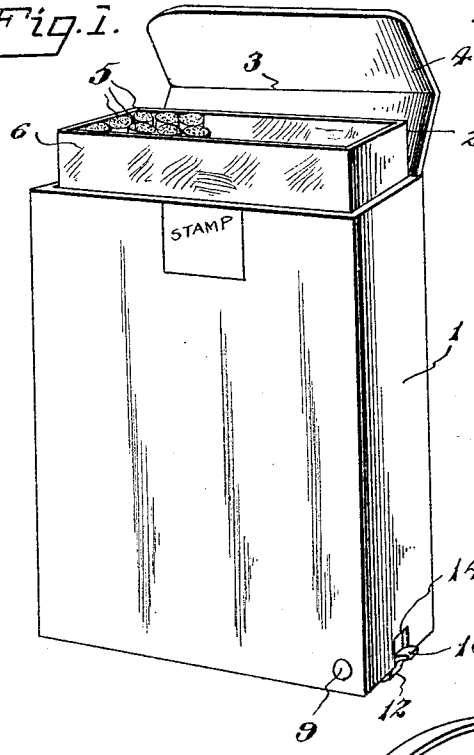
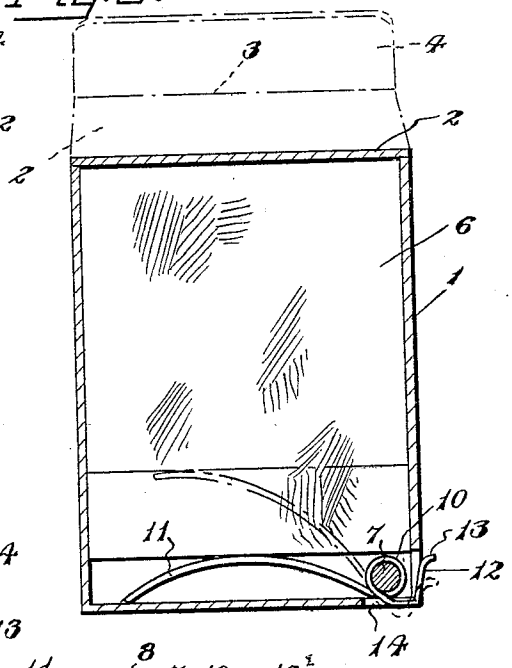


Fig. 2.



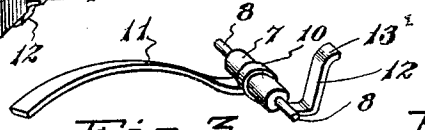


Fig. 4.

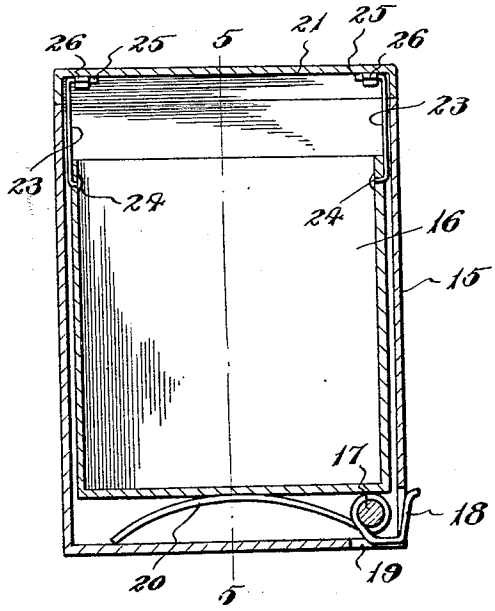


Fig. 3.

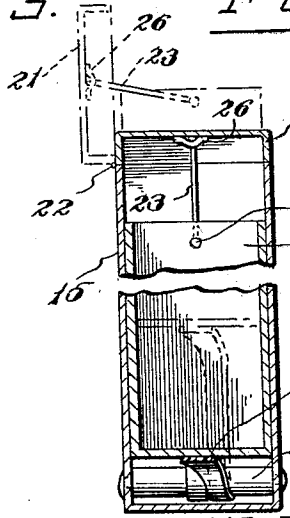


Fig. 5.

Inventor
J. W. Maddox

By Lacey & Lacey, Attorneys

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UNITED STATES PATENT OFFICE

JOHN W. MADDOX, OF MARION, MARYLAND

CIGARETTE CONTAINER

Application filed May 15, 1930. Serial No. 452,765.

This invention relates to special receptacles and more particularly to a cigarette container having associated therewith means whereby cigarettes may be elevated to such a position that they may be easily removed.

One object of the invention is to provide a cigarette container or receptacle having improved means for elevating cigarettes disposed therein so mounted that the elevating means may be very easily actuated when so desired but will normally remain in a retracted position.

Another object of the invention is to provide elevating means which may be applied to a box or jacket of a conventional construction and to further so form the elevating means that it will be very simple in construction and may be cheaply produced.

Another object of the invention is to so form the elevating means that it may be used either in connection with an original package in which cigarettes or small cigars are packed at a factory, or as part of a container sold as a separate article of manufacture and into which a package of cigarettes or loose cigarettes may be placed by the user.

The invention is illustrated in the accompanying drawing wherein,

Figure 1 is a perspective view of the improved cigarette package,

Figure 2 is a vertical sectional view through the same,

Figure 3 is a perspective view of the elevating means,

Figure 4 is a vertical sectional view through a modified form of container,

Figure 5 is a sectional view taken on the line 5—5 of Figure 4, with the top of the container shown in a raised position by dotted lines.

The cigarette container illustrated in Figures 1 and 2 constitutes an original package in which cigarettes or cigars are to be packed at a factory, whereas the container shown in Figures 4 and 5 is to be sold as a separate article of manufacture and a pack of cigarettes or loose cigarettes placed in this container by the user.

The jacket or box shown in Figures 1 and 2 is preferably formed of cardboard although any other material found suitable may be used. This box or jacket is open at its upper end and in order to close the open upper end of the jacket there has been provided a closure flap 2, creased as shown at 3 in order to form a tongue or portion 4 intended to be tucked into the upper portion of the box when the closure is shut. The cigarettes or cigars 5 are wrapped in paper, tin foil, or a sheet of transparent moisture-proof material in order to form a package 6 and this package is of such dimensions that it will be slidably received in the box or receptacle 1 and may be easily moved from a retracted or lowered position in which it is entirely enclosed by the box to an elevated or projected position in which its upper portion projects from the box as shown in Figure 1 and the cigars or cigarettes may be very easily extracted after the package 6 has been opened.

In order to project the package of cigarettes upwardly to the elevated position shown in Figure 1 when a cigarette is to be extracted after lifting the flap 2, there has been provided elevating means constructed as shown in Figure 3 and mounted in the box or receptacle 1 as shown in Figure 2. The drum 7 of the elevating means is of sufficient length to be disposed in a lower corner portion of the box between front and rear walls thereof and from ends of the drum extend pivot pins 8 which are passed through the front and rear walls of the box and formed with heads 9 at their outer ends. By this arrangement the drum will be firmly held in place but permitted to rotate. A strip of metal has its intermediate portion coiled as shown in Figures 2 and 3, thereby providing an eye or sleeve 10 having end portions of the strip extending in opposite directions therefrom. One end portion of the strip is curved longitudinally to form an upwardly bowed arm 11 and the other end portion is bent in spaced relation to the sleeve to form a handle 12 terminating in an outwardly extending lip 13. The lower corner portion of the box or receptacle in which the drum 7 is located has its bottom and side walls slotted as shown at 14 and this lot is of such dimensions that when pressure is applied to the lip

or tongue 13, the handle may be swung downwardly and the arm 11 upwardly as indicated by dotted lines in Figure 2. Ordinarily, the elevating device remains in the position shown in full lines in Figure 2 and since only the lip 13 projects outwardly from the box when the weight of the package of cigarettes is applied to the elongated arm 11, there will not be much danger of the elevating means being accidentally moved to eject the package of cigarettes. The eye or sleeve 10 may fit loosely about the drum in which case it will turn about the drum when pressure is applied to the lip or the eye may fit tightly about the drum in which case the drum will turn with the eye or sleeve.

When this improved container for cigarettes is in use, a package of cigarettes is placed within the receptacle or box and the top 2 moved to a closed position with its tongue or flap 4 tucked into the box. The revenue stamp will then be applied in order to seal the top and prevent opening the box without destroying the revenue stamp. When the box is to be opened and a cigarette removed the stamp is broken and the cover swung upwardly to the position shown in Figure 1. Pressure is then applied to the lip 13 in order to swing the handle downwardly and when this takes place the arm 11 is swung upwardly and applies pressure to the bottom of the package of cigarettes in order to move the package upwardly to such a position that its upper portion projects outwardly from the box. The wrapper applied directly about the cigarettes can then be broken open and a cigarette easily removed. The cigarettes can then be pressed downwardly into the box and the cover again closed.

In Figures 4 and 5 there has been shown a modified construction. In this embodiment of the invention the box or receptacle 15 is formed of metal or any other desired material and within this receptacle is disposed a container 16. The container 16 slides easily in the receptacle and is adapted to be moved upwardly be elevating means of the same construction shown in Figure 3. This elevating means which is indicated in general by the numeral 17 is mounted in the lower portion of the receptacle 15 with its handle 18 projecting outwardly through the slot 19 and its arm 20 bears against the bottom of the container, the same as the arm 11 bears against the bottom of the package 6. The cover 21 rests upon the edges of the walls of the receptacle when closed and is hingedly mounted as shown at 22, so that it may be moved from the closed position shown in Figure 4 to the open position indicated by dotted lines in Figure 5. Links 23 extend between the cover and container and have their lower ends pivoted to the container as shown at 24 and their upper ends bent inwardly as shown at 25 and pivotally connected with the cover by clips 26. Loose cigarettes or a package from which the top has been torn may be placed in the container and when the elevating means is actuated the cover will be raised at the same time the container is moved upwardly. The container will be of such depth that the cigarettes project above the same so that they may be easily extracted.

Having thus described the invention, I claim:

1. A receptacle comprising a jacket open at its top, a container slidably mounted within the jacket, said jacket having its lower portion formed with an opening at one side of the container, and means to elevate the container and project said container through the open top of the jacket, said means consisting of a shaft extending between front and rear walls of the jacket, and a strip carried by the shaft and having one end portion projecting through the opening to form a handle and its other end portion extending from the shaft transversely of the jacket and constituting an arm adapted to bear against the bottom of the container and project said container upwardly when the handle is pressed downwardly.

2. A receptacle comprising a jacket open at its top, a container slidably mounted in the jacket, said jacket having its lower portion formed with an opening at one side of the container, and means to elevate the container and project said container through the open top of the jacket, said means consisting of a shaft extending between front and rear walls of the jacket and a strip coiled about the shaft and having one end portion projecting through the opening and bent upwardly to form a handle normally disposed close to the jacket, the other end portion constituting an arm extending transversely of the jacket and bowed upwardly to form a cam adapted to bear against the bottom of the container and project said container upwardly when the handle is pressed downwardly.

3. A device of the class described comprising a jacket adapted to receive a container and having an opening at the intersection of two of its walls, a shaft extending between the front and rear walls of the jacket at said opening, and an elevating device carried by said shaft and having one end portion thereof extending through the opening to form a handle and its other end portion interposed between the jacket and container and adapted to bear against the bottom of the container and elevate said container when the handle is pressed downwardly.

In testimony whereof I affix my signature.

JOHN W. MADDOX. [L. S.]