Jan. 9, 1940. W. A. HARRIS 2,186,527

MAGAZINE FOR VENDING MACHINES

Filed Sept. 9, 1938

Fig. 1.

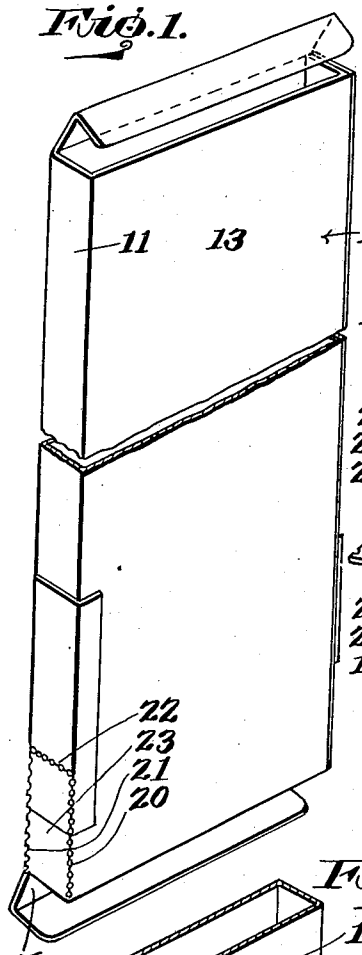


Fig. 4.

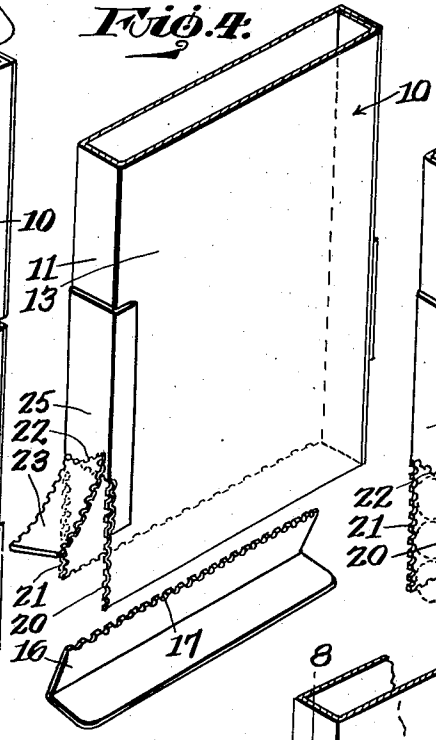


Fig. 5.

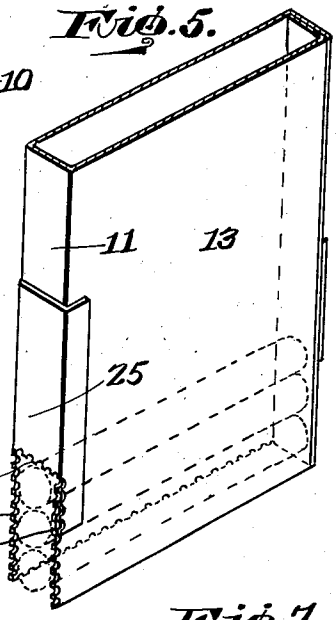


Fig. 7

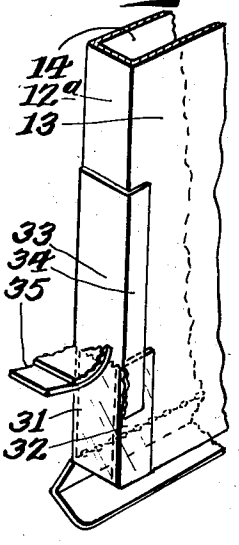


Fig. 6.

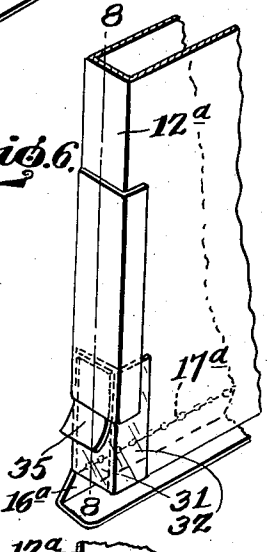


Fig. 2.

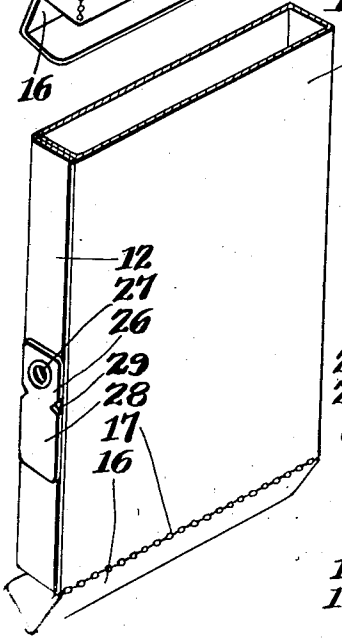


Fig. 3.

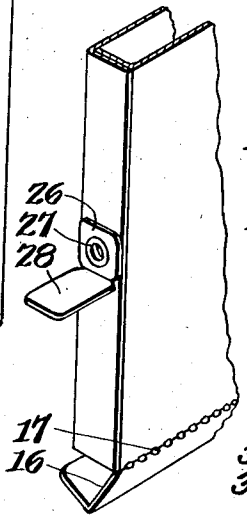
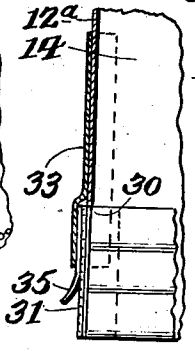


Fig. 8.



Inventor
William A. Harris
Munn, Anderson and Liddy
Attorneys

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MAGAZINE FOR VENDING MACHINES

William A. Harris, Greenville, S. C., assignor, by direct and mesne assignments, to The South Carolina National Bank of Charleston, Greenville, S. C., as trustee

Application September 9, 1938, Serial No. 229,186

4 Claims. (Cl. 229—17)

This invention relates to magazines for vending machines, and more particularly to a carton which operates as a magazine and is removably mounted within a vending machine described and claimed in my copending application Serial No. 229,183 filed September 9, 1938.

An object of the invention is the provision of a carton which is adapted to be used as a magazine for a vending machine which has a lip normally in flat contact when the carton is shipped, but which is adapted to be bent at right angles to the rear wall of the carton for engaging a locking mechanism of a vending machine for releasing said locking mechanism so that articles may be dispensed from the magazine.

Another object of the invention is the provision of a magazine in the form of a carton having a removable bottom and a perforated section over which a revenue stamp is adapted to be applied so that when the perforated section is torn off the articles in the carton will be exposed to view in the vending machine and the revenue stamp will be mutilated.

A further object of the invention is the provision of a carton acting as a magazine for a vending machine in which a window is formed in one wall adjacent the lower end of the carton whereby the lowermost articles in the carton will be exposed to view in the vending machine with means for closing the window when the carton is shipped with a revenue stamp applied over the closing means so that when the closing means is removed the articles will be exposed through the window and the revenue stamp will be mutilated.

This invention will be best understood from a consideration of the following detailed description, in view of the accompanying drawing forming a part of the specification; nevertheless, it is to be understood that the invention is not confined to the disclosure, being susceptible of such changes and modifications as define no material departure from the salient features of the invention as expressed in the appended claims.

In the drawing:

Figure 1 is a view in perspective of a carton acting as a magazine and constructed according to the principles of my invention.

Figure 2 is a fragmentary view in perspective of the carton showing the rear view thereof with an operating lip disposed in flat relation with the rear wall of the carton.

Figure 3 is a similar view in perspective of the carton showing the lip extended in an operative position.

Figure 4 is a fragmentary view in perspective showing the lower end of the carton with the bottom removed, and with a portion of the front wall partly removed disclosing the initial steps of the mutilation of the revenue stamp.

Figure 5 is a view in perspective similar to that shown in Fig. 4 with the portion of the front wall entirely removed.

Figure 6 is a view in perspective of the lower end of the carton showing a modified form of the exposure window and means for mutilating a revenue stamp.

Figure 7 is a view in perspective similar to that shown in Figure 6, disclosing initial steps of removing a cover for the window and the mutilation of the revenue stamp.

Figure 8 is a vertical section taken along the line 8—8 of Fig. 6.

Referring more particularly to the drawing, 10 generally designates a carton to be placed in a vending machine and which acts as a magazine for articles to be dispensed from the vending machine. This carton is rectangular in cross-section and has a front wall 11, a rear wall 12, and side walls 13 and 14. The carton is provided with a closure 15 at the upper end and a removable closure 16 forming the bottom of the carton. It will be noted that the bottom closure is connected to the lower end of the side wall 14 by a perforated line 17 so that the bottom may be readily torn off as shown in Fig. 4.

The front wall 11 at its lower end is perforated at 20 and 21 where the front wall joins the respective side walls 13 and 14. The front wall has a transverse perforated line, as indicated at 22, so that the section 23 may be removed bodily from the front wall to expose the cigarettes or other articles, as shown in Fig. 5, to the operator of the vending machine.

A revenue stamp 25 is cemented to the front wall 11 and has its ends also cemented to the side walls 13 and 14. The revenue stamp is so positioned that it will extend below the perforated line 22 and cover a portion of the perforated section 23 so that when the perforated section is torn from the front wall, as shown in Fig. 4, the revenue stamp will be mutilated so that the member 23 performs a double function in that it retains the cigarettes intact within the carton 10 when being shipped and acts as a means for mutilating the revenue stamp 25 just before the carton is placed in the vending machine.

It is well known that packages of cigarettes or cigars are required to have a revenue stamp placed thereon and these stamps must be mutilated when the package is opened. Thus it will

be seen that when the perforated section is removed to expose to view the articles in the carton 10 that the revenue stamp is mutilated in compliance with the law and a plurality of the articles are exposed to view to the operator of the vending machine.

A flat strip of metal 26 as shown in Figs. 2 and 3, is secured at 27 to the rear wall 12, with a bendable portion 28 projecting downwardly. This bendable portion is provided with notches 29 so that it may be bent laterally to the rear wall 12 and at approximately right-angles to said wall.

An important feature of the lip 28 when extended in right-angular position to the wall 12 is that it will engage a locking bar in the vending machine and force said locking bar to an inoperative position when the carton or magazine is placed within the vending machine so that a purchaser may operate the vending machine by the insertion of a coin of proper denomination. The lip 28 normally lies in flat contact with the rear wall 12 when the cartons are being shipped, but is bent to the right-angular position just before it is placed in the vending machine.

A modified form of the carton is shown in Figs. 6 to 8 inclusive and this form has a removable bottom 16*a* which is perforated at 17*a* so that the bottom may be torn off just before the carton is placed in the vending machine.

In this particular form the front wall 12*a* is cut away as shown at 30 (Figure 8) to provide an opening, and this opening is closed by a transparent strip of material, as shown at 31. The strip of material may be formed of any of the well known flexible sheet materials, such as Cellophane. The side edges 32 of the transparent strip are secured to the side walls 13 and 14 of the carton.

A revenue stamp 33 is secured to the front wall 12*a* and is also secured to the upper portion of the transparent material 31 and extends around the sides of the carton as shown at 34 and also over the ends 32 of the transparent strip of material.

A strip of paper or fabric 35 is placed on the transparent strip 31 at the front wall 12*a* and the revenue stamp is cemented to said strip. The members 33 and 35 partially cover the opening 30 in the front wall at the lower end so that the required number of articles would not appear through the opening when the carton has been placed in the vending machine. However, the member 35 may be drawn upwardly so that it will tear off a portion of the revenue stamp 33 and thus mutilate the same. By this action the proper number of cigarettes or articles are disposed through the transparent member 31 at the front wall of the carton.

The carton illustrated in Figs. 6 to 8 inclusive, is also provided with the metal strip 26 on its rear wall, and this metal strip includes a bendable lip 28 for the purpose previously defined.

I claim:

1. A removable magazine for vending machines comprising an elongated carton for cigars or cigarettes and provided with a removable closure at the bottom thereof, one wall of the carton adjacent the bottom having a removable section with a revenue stamp applied to a portion of the section so that when the section is removed not only will some of the articles housed within the carton be exposed to view but the revenue stamp will be mutilated.

2. A removable magazine for vending machines comprising an elongated carton substantially rectangular in cross-section for cigars or cigarettes and provided with a removable bottom closure, one wall of the carton adjacent the bottom having a window adapted to expose to view the lowermost articles in said carton, a portion of the window being obscured by a revenue stamp, a removable means also obscuring the window and located beneath the stamp so that when said means is removed the stamp will be mutilated and the window will be free of obstruction throughout the length thereof.

3. A removable magazine for vending machines comprising a carton for cigars or cigarettes and provided with a removable closure at the bottom thereof, one wall of the carton adjacent the bottom having a section defining a window through which the lowermost articles housed within the carton are adapted to be exposed to view, a removable means for closing the window and means including a revenue stamp for aiding in sealing the removable means in position before the carton is in place, the displacement of said removable means causing not only mutilation of the revenue stamp but exposure of the lowermost articles in the carton.

4. A removable magazine for vending machines comprising a carton for articles to be dispensed, said carton being rectangular in cross-section, having a removable closure at the bottom and provided with a perforated section in one wall adjacent the bottom, with a revenue stamp applied to said section, said perforated section being removable to provide a window to expose to view some of the articles housed within the carton and for mutilating the stamp.

WILLIAM A. HARRIS.