C. D. ROSAN.

CONTAINER AND DELIVERY MECHANISM.

APPLICATION FILED APR. 21, 1921.

1,421,312. Patented June 27, 1922.

Fig. 1

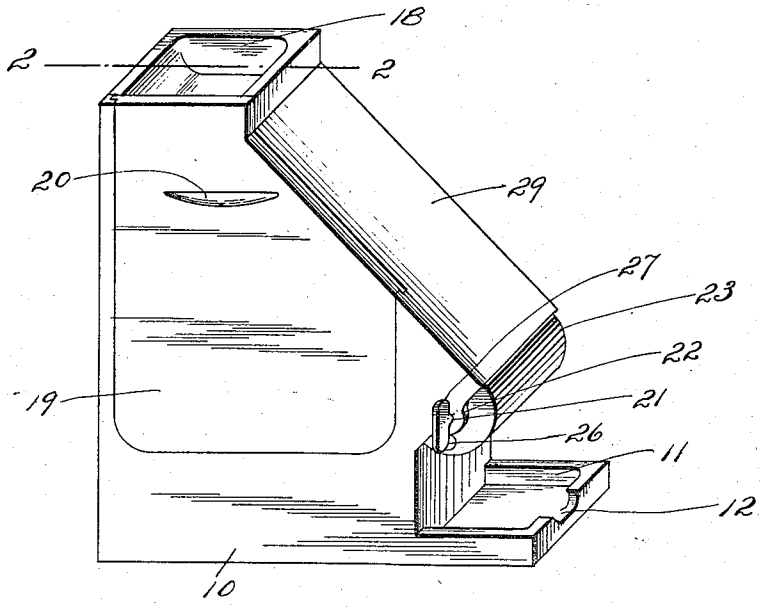


Fig. 2

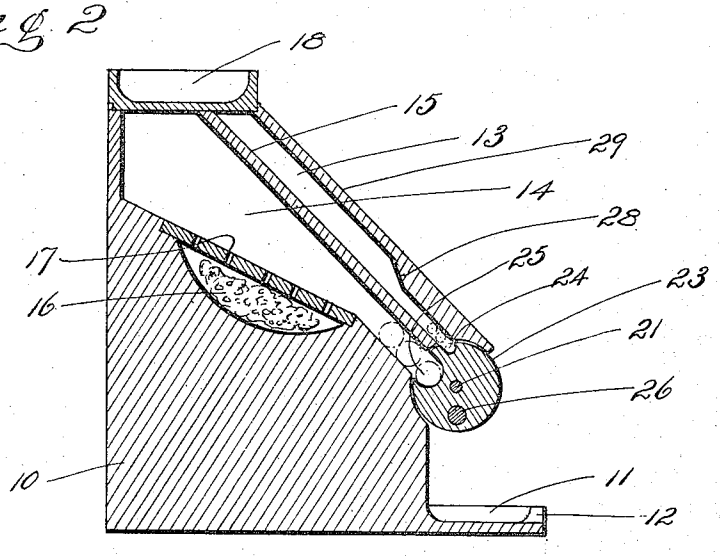
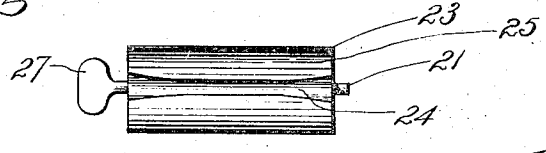


Fig. 3



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UNITED STATES PATENT OFFICE.

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CONTAINER AND DELIVERY MECHANISM.

1,421,312. Specification of Letters Patent. Patented June 27, 1922.

Application filed April 21, 1921. Serial No. 463,194.

To all whom it may concern:

Be it known that I, CLIFFORD D. ROSAN, a citizen of the United States, residing at New Haven, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Container and Delivery Mechanisms, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to new and improved container and delivery mechanism, relating more particularly to a device for containing matches and cigarettes, delivering the same as may be desired.

Among the aims and objects of this invention, among other things, may be recited the provision of a device of the character mentioned wherein cigarettes and matches may be contained in separate compartments and by manipulation of the mechanism connected therewith a cigarette and a match may be successively delivered at substantially one and the same time from each of these compartments; to provide a moisture containing device in such relation to the cigarette compartment as to maintain the cigarettes in prime condition; and to so design and construct my device that it may be made of few parts of simple design that may be economically constructed and assembled and when completed will be both neat and attractive in its appearance and have sufficient exposed faces that may be utilized for ornamentation, advertising or any other purpose that may seem desirable or advantageous.

In the drawings,—

Figure 1 is a perspective view of one form of my device;

Figure 2 is a cross sectional view, taken upon line 2—2 of Figure 1; and

Figure 3 is a detail plan view of the roll.

Having more particualr reference to the drawings and in connection with which the reference numerals refer to corresponding parts; 10 designates the base member on the front end thereof having a tray 11 provided with an opening 12 in its front wall to facilitate the cleaning of the tray.

Extending transversely of the base member 10 are the two compartments 13 and 14 having a wall 15 therebetween. This wall may be integral with the base member 10 or an insert plate of sheet metal or the like. In the lower wall of the compartment 14 is a chamber 16 covered by a perforated floor 17, which latter becomes a portion of the above mentioned lower wall. The top portion of the base member I preferably form in the shape of a tray 18, which may be made integral therewith or independently thereof, as desired.

Upon either one or both sides of the base member I provide a cover 19 which is designed to slide in relation thereto to cover or uncover the compartments 13 and 14. A recess 20 provided in the outer face thereof will facilitate manual movement of this cover.

Only one of such covers is shown herein, but as above indicated one can be placed upon the opposite side of the base member, if it is so desired.

Rotatably mounted upon the rod 21, journaled in the lugs 22, on the base member, is a delivery roll 23, having two recesses, respectively designated 24 and 25, in the periphery thereof parallel with its axis, the latter being larger than the former and both designed so that they respectively register with the compartments 13 and 14 when the roll is at rest, a weight 26 being inserted in the roll for this purpose.

A finger piece 27 fixed upon the rod 21 facilitates the manual rotation of the roll.

The compartment 13 is utilized for matches and compartment 14 for cigarettes. As both compartments lie at an angle to the horizontal the contents of each move by gravity toward the roll 23 and when at rest, as shown in Figure 2, a match drops through the recess 24 and a cigarette into the recess 25. Rotation of the roll through the finger piece 27, or otherwise, moves therewith the cigarette and match therein until they successively drop therefrom into the tray 11 or the fingers if placed thereunder.

Upon release of the finger piece, the weight 26 returns the roll to the position shown in Figure 2 wherein the recesses 24 and 25 are in register with the compartments 13 and 14 and are loaded as before, ready for another discharge operation.

To enlarge the capacity of the compartment 13, the width thereof varies, the upper end being much wider than the lower, which is substantially that of the match, this being permissible by reason of the intermediate angular wall 28.

Within the chamber 16 a dampened sponge is preferably inserted, there being sufficient moisture therein to prevent the cigarettes

drying, thus maintaining the same in prime condition, but not sufficient to affect the matches, the wall 15 preventing transmission of moisture to the latter.

The angular face 29 of the base member 10, as well as the sides of the latter, may be utilized for display advertising or these as well as the entire exterior of the device may be provided with ornamentation.

The side walls of the recesses 24 and 25 may be parallel with each other or slightly flaring at either or both ends, such as is shown in Figure 3. This latter shaping provides for the accommodation of the body and head of the match.

There are minor changes and alterations that may be made within my invention, aside from those herein suggested, and I would therefore have it understood that I do not limit myself to the exact construction herein shown and described, but claim all that falls fairly within the spirit and scope of the appended claims.

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

1. An article of manufacture having a plurality of compartments, one for a plurality of matches and the other for a plurality of cigarettes or the like; and rotary means for successively delivering a single article from each of said compartments at substantially one and the same time.

2. An article of manufacture having a plurality of compartments, one for a plurality of matches and the other for a plurality of cigarettes or the like; a rotary delivery mechanism movably connected therewith and so arranged in connection with said compartments that the contents of each of said compartments will be delivered thereto by gravity and at each actuation will deliver a match from one of said compartments and a cigarette from another compartment.

3. An article of manufacture having a plurality of compartments, these being arranged in a plane at an angle to the horizontal; and rotary means for receiving an article from each of said compartments and delivering the same to the outside thereof.

4. An article of manufacture having a plurality of compartments, these being arranged in a plane at an angle to the horizontal; rotary means for receiving an article from each of said compartments and delivering the same therefrom, comprising a member having recesses therein corresponding in number with the said compartments and registering therewith when in one of its positions.

5. An article of manufacture having a plurality of compartments therein; a rotary member provided with recesses corresponding in number with said compartments; means for mounting said rotary member, whereby a non-recessed side thereof is exposed when said recesses are in register with said compartment and an article will be taken from each of said compartments by said roll and delivered therefrom when said recesses are moved to an exposed position.

6. An article of manufacture having a plurality of compartments, one for a plurality of matches and the other for a plurality of cigarettes or the like; rotary means for successively delivering a single article from each of said compartments at substantially one and the same time; and closure means for covering the said compartments.

7. An article of manufacture having a plurality of compartments, one for a plurality of matches and the other for a plurality of cigarettes or the like; rotary means for successively delivering a single article from each of said compartments at substantially one and the same time; and closure means for covering the said compartments, movably connected to the body of said article.

8. An article of manufacture having a plurality of compartments, one for matches and the other for cigarettes or the like; roll means for successively delivering a single article from each of said compartments, said roll being provided with recesses in its periphery corresponding in number with said compartments; and means for maintaining said roll when at rest in such position that the recesses in said roll will register with said compartments.

9. An article of manufacture having a plurality of compartments, one for matches and the other for cigarettes or the like, roll means for successively delivering a single article from each of said compartments at substantially one and the same time, said roll having recesses therein corresponding in number with said compartments, the walls of one of said recesses flaring outwardly at both ends.

In testimony whereof I have hereunto affixed my signature.

CLIFFORD D. ROSAN.