March 8, 1927. 1,619,883

A. J. PUKT ET AL

CONTAINER FOR ICE CREAM CONES

Filed Nov. 7, 1924 2 Sheets-Sheet 1

Fig. 1.

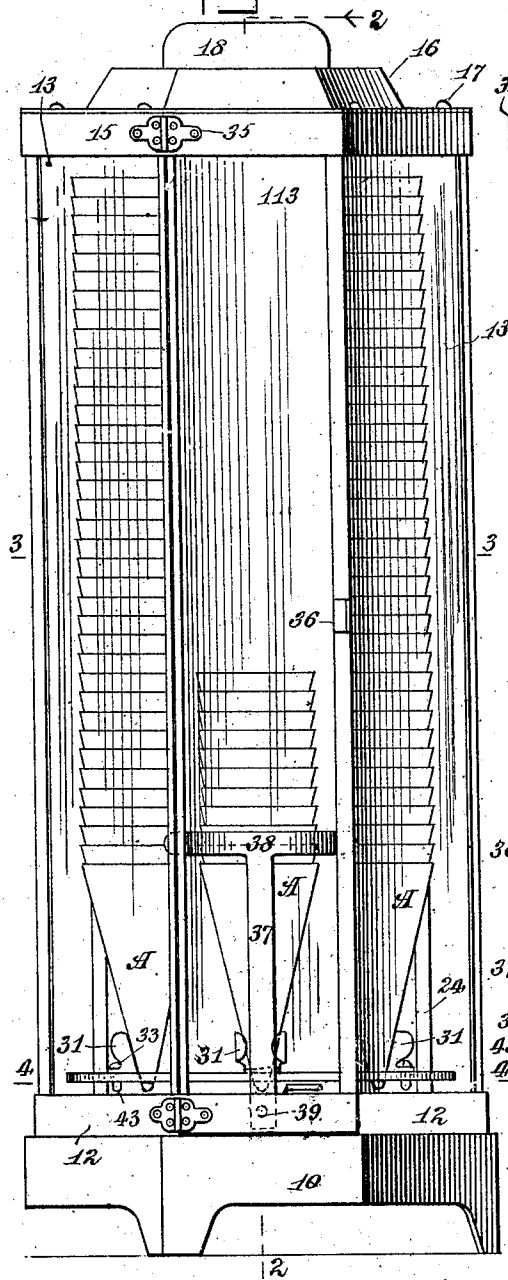
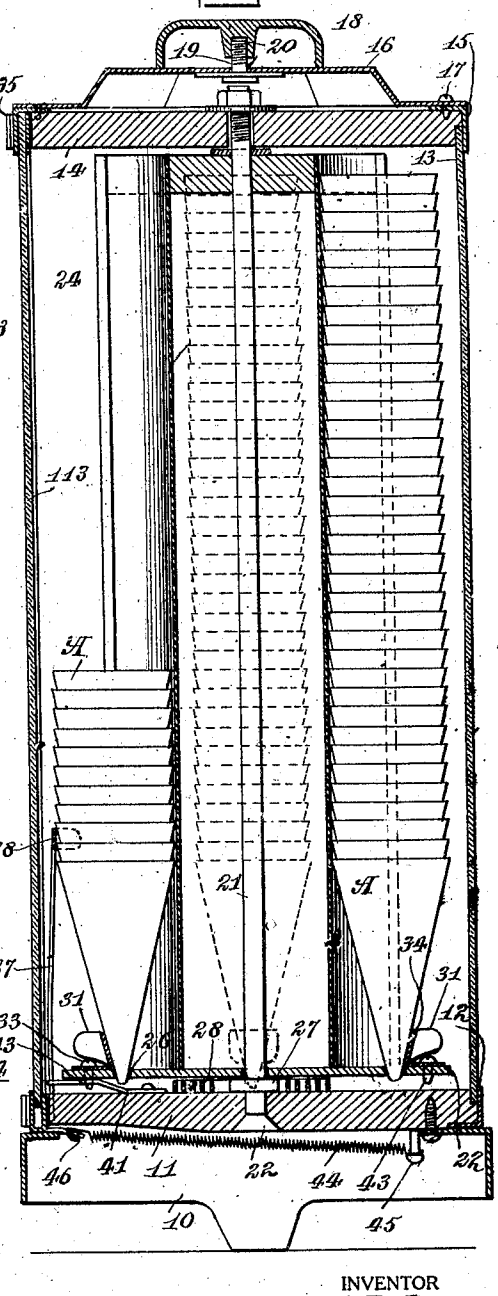


Fig. 2.



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Fig. 3.

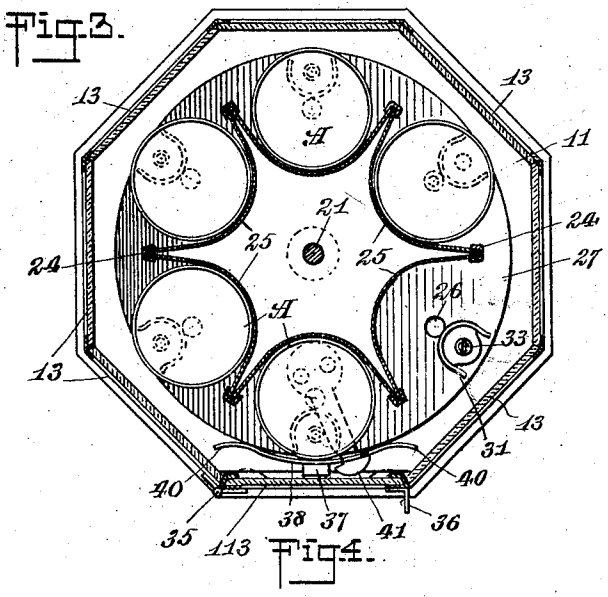
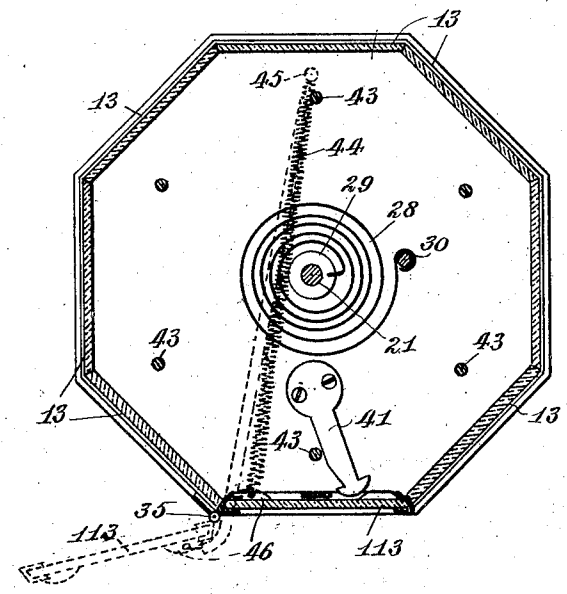


Fig. 4.



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UNITED STATES PATENT OFFICE.

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CONTAINER FOR ICE-CREAM CONES.

Application filed November 7, 1924. Serial No. 748,432.

Our invention relates to a container from which articles may be dispensed and particularly relates to a container having special adaptability for holding ice-cream cones in stacks disposed about the vertical axis of the container.

Reference is to be had to the accompanying drawings, it being understood that the drawings are merely illustrative of one example of the invention.

Figure 1 is a side elevation of a container embodying our invention;

Figure 2 is a vertical section on the line 2—2, Figure 1;

Figures 3 and 4 are horizontal sections on the lines 3—3 and 4—4, Figure 1.

In carrying out our invention in accordance with the illustrated example, a base 10 advantageously of sheet metal is provided having a solid disk 11 held thereto at the top, said disk having a rim 12 within which are fitted vertical glass plates 13 forming windows at several sides of the container which is shown as octagonal. At the top of the container and holding the upper edges of the windows 13 is a second solid disk 14 provided with a binding 15 of angle iron. Suitable ornamental elements are applied to the disk 14, there being shown a cap 16 held by screws 17 to said disk, the cap having a knob 18 secured by an inverted screw 19 engaging a boss 20 at the interior of said knob. The bottom disk 11 and the top disk or head 14 are held by a vertical tie rod 21 passing therethrough, the lower end of said rod having a head 22 and the upper threaded end receiving a nut 23.

The vertical tie rod 21 constitutes the axis for a turnable structure designated generally by the numeral 24 and which, as best seen in Figure 3, is made of sheet metal and hollow, the sides being intended to form vertical concave channels 25 to partially accommodate stacks of cones A. The apex of each cone A is adapted to enter a hole 26 in a plate 27 disposed above and spaced from the bottom disk 11. Beneath the plate 27 is a spring 28 in the form of a flat coil, said spring being secured at its inner end to a hub 29 on spindle 21, the outer end being suitably made fast to disk 11 as by a pin 30. Adjacent to each hole 26 is a guard and centering device 31 formed of sheet metal and having a bottom flange 32 to receive a fastener 33, the inner side 34 of said guard being disposed in a plane to lie against the lowermost cone A. At one side of the container the same is provided with a vertical glass door 113, the numeral 35 indicating the hinges of said door and the numeral 36 indicating a suitable latch therefor. At the inside of the door 113 is a vertical strip 37 of T-shape, the lower end of which is fastened as at 39 to disk 11 and the cross head 38 of which has curved ends 40 to be engaged by the cones in the turning of the structure 24, whereby the curved head will cause the adjacent stack of cones A to be centered adjacent the door 113. The plate 27 is rigid with the revoluble structure 24 and therefore is constrained to turn with said structure. To hold the structure 24 from turning so as to maintain a given stack of the cones A at the door 113, we provide a latch 41 secured at one end as at 42 to disk 11 and being offset and resilient for its major portion. The latch 41 is adapted to be engaged by any one of an annular series of stops 43 depending from the under side of plate 27 and advantageously these stops are formed by the lower ends of the screws 33 which secure the devices 31 in place. The numeral 44 indicates a coil spring made fast at one end as at 45 to a fixed part as, for instance, the disk 11, the opposite end of said spring being connected as at 46 with the door 113.

With the described construction when the door 113 is opened, the latch 41 is depressed so that the stops provided by the screws 33 may clear the latch 41. The structure 24 is then turned which will cause the spring 28 to wind up. When the spring is about wound up, one stack will be adjacent the door 113 so that with the opening door access is afforded to said stack. When the cones in one stack are exhausted, the depression of the latch 41 will enable spring 28 to turn the structure 24 to present another stack at the door, the latch being released after clearing the adjacent screw 33. The strip 37 and its head 38 will prevent too free a turning of the structure 24 with the cones thereon and will serve to center the adjacent stack at the door.

We would state in conclusion that while the illustrated example constitutes a practical embodiment of our invention, we do not limit ourselves strictly to the exact details herein illustrated, since, manifestly, the

same can be considerably varied without departure from the spirit of the invention as defined in the appended claim.

Having thus described our invention, we claim:

A container including an outer structure, an inner structure having concave vertical channels adapted to accommodate ice-cream cones in stacks, a door in said outer structure, and a device to center a stack of cones at the door, said device consisting of a vertical strip held to the fixed structure and having a head at the upper end to engage the cones, said head having cross arms adapted to be flexed by engagement of the cones.

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