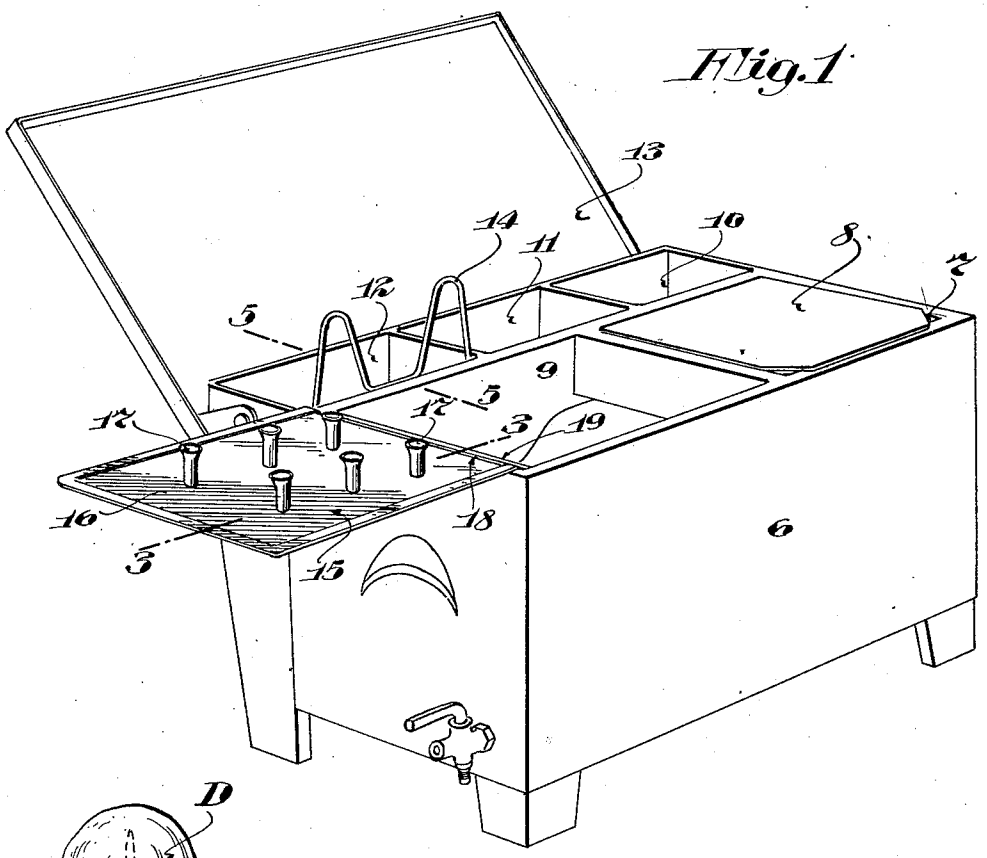
April 5, 1932. O. E. HARRIS 1,852,652

METALLIC RECEPTACLE

Filed April 24, 1930

Fig. 1



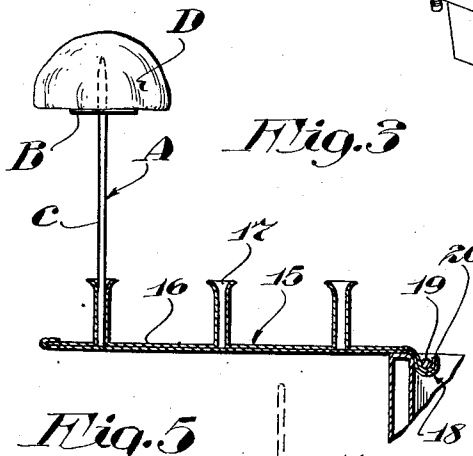


Fig. 3

Fig. 2

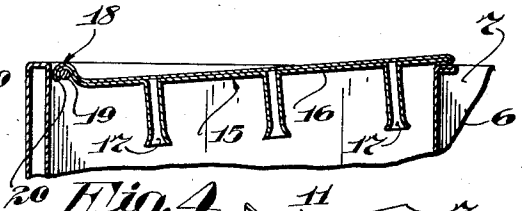


Fig. 4

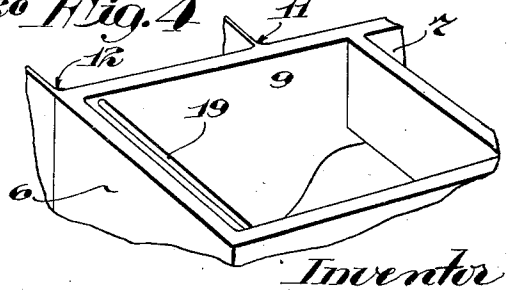
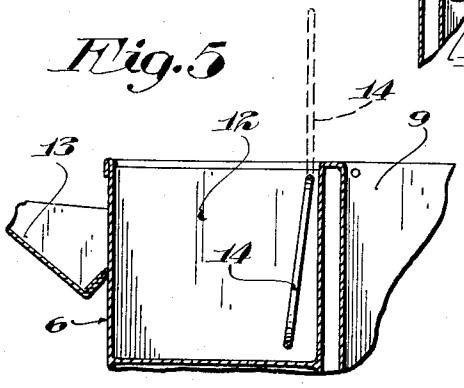


Fig. 5



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Patented Apr. 5, 1932 1,852,652

UNITED STATES PATENT OFFICE

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METALLIC RECEPTACLE

Application filed April 24, 1930. Serial No. 446,855.

This invention relates to improvements in a metallic receptacle of the type disclosed and broadly claimed in my co-pending application entitled "Confection coating apparatus", filed August 7, 1929, under Serial Number 384,174, and has for its primary object to provide a simple and highly efficient rack therefor for holding coated confection.

To the above end, generally stated, the invention consists of the novel devices and combinations of devices hereinafter described and defined in the claim.

In the accompanying drawings, which illustrate the invention, like characters indicate like parts throughout the several views.

Referring to the drawings:

Fig. 1 is a perspective view of the apparatus with the cover raised and with the rack in an operative position;

Fig. 2 is a fragmentary view in vertical section showing the rack in an inoperative position;

Fig. 3 is a fragmentary vertical section taken on the line 3—3 of Fig. 1, and further showing a coated confection supported on the rack;

Fig. 4 is a fragmentary perspective view of the apparatus showing the dipping compartment and hinge rod therein; and

Fig. 5 is a fragmentary view in section taken on the line 5—5 of Fig. 1, on an enlarged scale.

The numeral 6 indicates a leg supported rectangular metallic tank having in one end a melting vat or compartment 7, normally closed by a hinge cover 8, and its other end a coating or dipping compartment 9. On the back of the tank 6 is an extension having in one end a compartment 10 for holding a supply of paper discs, an intermediate compartment 11 for holding a supply of sticks, and in its other end a compartment 12 for holding a supply of assembled discs and sticks to form holders A. One of these holders A is shown in Fig. 3 and the card board disc and stick are designated by the letters B and C, respectively. Each disc B has a central hole and each stick C has a pointed end and in assembling the same the pointed end of said stick is inserted through the hole in said disc, which is of a smaller diameter than that of the stick and hence, is frictionally held in place.

A single cover 13 is hinged to the tank extension and is of such size to cover said tank and extension.

Hinged within the compartment 12 close to the front wall thereof is a rack 14 formed from a single piece of wire and arranged to be turned into an upstanding operative position, as shown by full lines in Fig. 1 and by broken lines in Fig. 5, or into an inoperative position within the compartment 12 wherein the same is closely positioned to the front wall thereof, as shown by full lines in Fig. 5. The purpose of this rack 14 is to permit a supply of the holders A to be piled up in the compartment 12 above the top thereof, thus increasing the holding capacity of said compartment and at the same time prevent said holders from falling into the compartment 9.

The holders A are used for holding hemispheres of ice cream D, cut from bulk ice cream by a dipper, while dipping the same in a coating material and while hardening. These holders A also afford convenient means by which the coated confection may be held while eating the same.

After a hemisphere of ice cream has been cut by a dipper from bulk ice cream and while still held in the dipper, the pointed end of the stick C of one of the holders A is pressed into the hemisphere, at the axis thereof, until stopped by the engagement of the disc B with the flat side or base of said hemisphere. With the holder A thus secured in the hemisphere the ice cream is discharged from the dipper and held by said holder and then inverted and dipped into a coating material, not

shown, in the compartment 9 to a depth to which the hemisphere is entirely submerged but not to such a depth as to cover the disc B. The coated confection is then lifted from the coating material by the holder A, turned into an upright position and the stick C placed in a rack 15 for the coating material to harden.

The rack 15, as shown, is a flat metal plate 16 having a plurality of laterally spaced upstanding socket-like holders 17. These holders 17 are of such diameter as to freely receive the outer end portions of the sticks C and of such depth as to securely hold the holders A in upright positions, one of which is shown in Fig. 3. The upper ends of the socket-like members 17 flare so as to freely receive and direct the sticks C therein.

The rack 15 is arranged to be supported from the tank 6 outward of the left hand end thereof, as shown in Figs. 1 and 3, and is detachably secured thereto by a separable hinge 18. This hinge 18 includes a transverse hinge bar 19, rigidly secured at its end to the front and rear walls of the compartment 9 close to the left hand end thereof, and a cooperating hook-like member 20 formed in one end of the plate 16, see Fig. 3.

The hinge member 20 is formed by laterally offsetting the plate 16 on the opposite side thereof from the holders 17 and bending the same in cross section to substantially a semicircle. Said plate 16 is of such width as to extend between the front and rear walls of the compartment 9 with a working fit. The hinge member 20 extends the full width of the plate 16 and holds the rack 15, when in an operative position in which it extends outward of the tank 6 and supported on the upper edge thereof, against either forward or rearward shifting movement on said tank.

To apply the rack 15 to the hinge rod 19 said rack is inverted and placed in the compartment 9 with its holders 17 extending downward and its hinge member 20 resting on said rod. In this position of the rack 15 it forms a cover for the compartment 9, is supported at its free end on the partition between the compartments 7 and 9 and does not interfere with the closing of the cover 13. To move the rack 15 from its inverted or inoperative position to an operative position the same is swung about the hinge rod 19 until stopped in a horizontal position outward of the tank 6 by its engagement with the upper edge thereof. With the rack 15 thus supported in an operative position its hinge member 20 is securely interlocked with the hinge rod 19.

The spacing of the holders 17 is such that the coated confection thereon does not come in contact with each other.

If desired, the rack 15 may be detached from the apparatus, loaded with coated confection, and used as a carrying tray.

What I claim is:

A metallic receptacle including a tank having therein a transverse fixed hinge rod, and a rack comprising a flat plate having a plurality of upstanding tubular holders, said rack having at one end a wide hook-like hinge member arranged to fit around the hinge rod when the rack is inverted to completely enclose the tank in an inoperative position of the rack and to interlock with said rod when the rack is turned into operative position outward of the tank and supported on the adjacent end of the tank.

In testimony whereof I affix my signature.

ORA E. HARRIS.