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1,658,205

F. J. MacDONALD

CONTAINER

Filed Nov. 10, 1924

FIG-1-

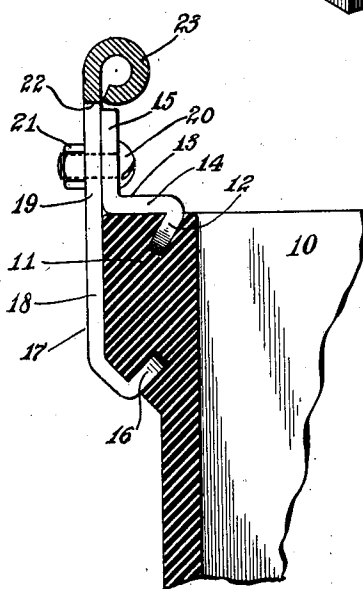
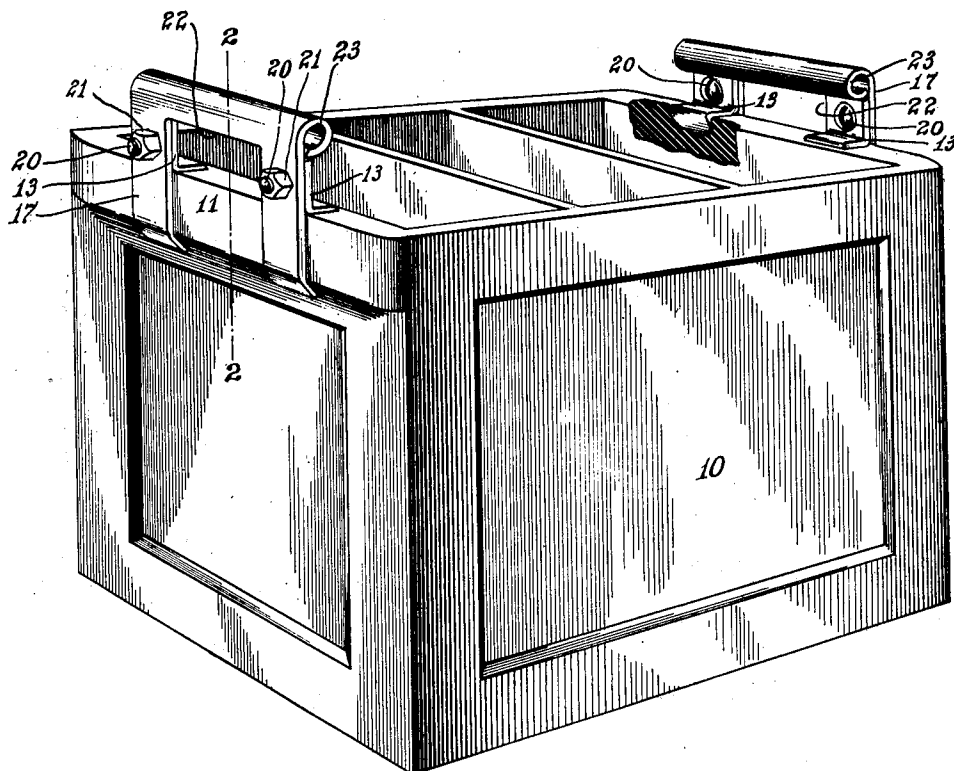


FIG-2-

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Att'y

UNITED STATES PATENT OFFICE.

FRANK J. MACDONALD, OF AKRON, OHIO, ASSIGNOR TO THE B. F. GOODRICH COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

CONTAINER.

Application filed November 10, 1924. Serial No. 748,845.

This invention relates to handles, attachment devices or the like for containers such as battery jars, and is especially applicable to a container molded of plastic material and provided with a metal handle or attachment device embedded in or secured to the material of the container.

My chief object is to provide a container with a device of this character which may be readily and firmly anchored to the material of the container without the presence of a metal member at or adjacent the inner surface thereof, such as might lessen the insulating effect of the material. A further object is to provide for economy and for facility of assembly and disassembly of such a device. Another object is to provide a device of this character which will not require extensive modification of existing types of jars.

Of the accompanying drawings:

Fig. 1 is a perspective view of a battery jar having handles embodying my invention in its preferred form.

Fig. 2 is a section on line 2—2 of Fig. 1.

Referring to the drawings, the battery jar, 10, is formed, for each handle, with a relatively thick wall portion or lug 11 projecting from the outer face of the jar. The lug is formed with recesses in its upper face, which may be either molded or cut therein, each being adapted snugly to receive the hooked or bent end portion 12 of a clamp or anchorage member 13 which is so formed as to bear against the upper face of the lug in its medial portion 14, and to rise from the lug, with its outer face flush with the outer face of the lug, in its other end portion, 15. The lug is formed with recesses in its lower face, which may be either molded or cut therein, each being adapted snugly to receive the hooked or bent end portion 16 of a U-shaped clamp or anchorage member 17 which is so formed as to fit against the lower and outer faces of the lug in the medial portions 18, 18 of its two legs, and against the upper portion 19 of the clamp member 13 in the upper portions, 19, 19 of its legs, the upper end portions 19 and 15

of the opposed clamp members being formed with registrable holes for bolts 20. 20 provided with nuts 21, 21 for holding the clamp members together in the relation described, the construction being such that they are thereby securely interlocked with the material of the lug as to relative movement in all directions.

The U-form of the clamp member 17 provides a hand hole 22 adapting it to serve as a handle, and the upper portion thereof may be formed with a rolled bead 23 to provide a suitable bearing for the fingers, to strengthen or brace the clamp member, and to provide a suitable bearing for the hold-down hooks or clamps commonly used for securing the battery jar in place on an automobile.

The clamp members, although firmly interlocked with the jar when the nut 21 is set up on the bolt 20, may be readily mounted and dismounted, as for shipment of the jar, when the bolt 20 is removed, by simply hooking them in their recesses or slipping them therefrom.

While in the specific construction here shown the lug 11 is flush with the top or mouth of the jar, for convenience in molding and in mounting the clamp member 13, and each clamp member is so formed and mounted as directly to interlock against movement perpendicular to as well as along the adjacent face of the lug, which is to say that they have roughly a fish-hook form, which gives them a very secure anchorage, and while for convenience I prefer to cut the clamp-receiving recesses in the lugs 11, I do not wholly limit my claims to these or other specific details of construction, as my invention is susceptible of modification within its scope.

I claim:

1. A container comprising a body of dielectric material formed with two adjacent pairs of closed-bottomed recesses in its outer face, a U-shaped anchorage member having the end portion of each of its legs engaged in a recess of one of said pairs, and clamping means engaged in the other recesses and secured to said anchorage member, the latter

and the clamping means as a unit being non-separably interlocked with the container when thus secured together.

2. A battery container molded with a plurality of adjacent recesses in an outer face thereof and anchorage members having portions extending into and filling the said re-

cesses and clamped together in contact with each other and in interlocked relation to the container.

In witness whereof I have hereunto set my hand this 6th day of November, 1924.

FRANK J. MacDONALD.