Nov. 10, 1931. C. E. DANIEL 1,831,290

RECEPTACLE

Filed May 15, 1926

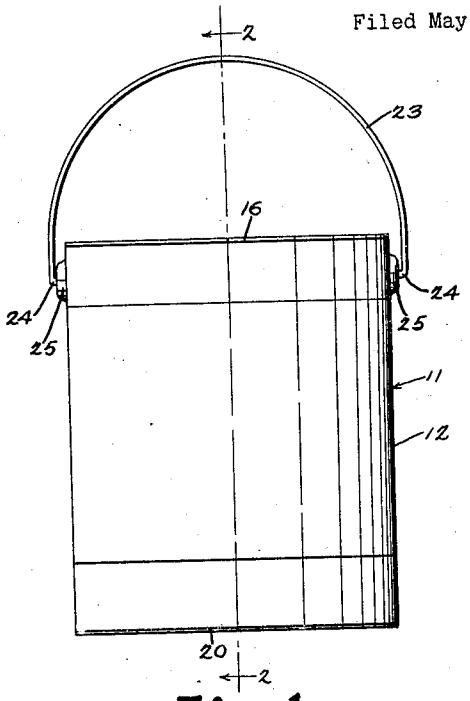


Fig. 1

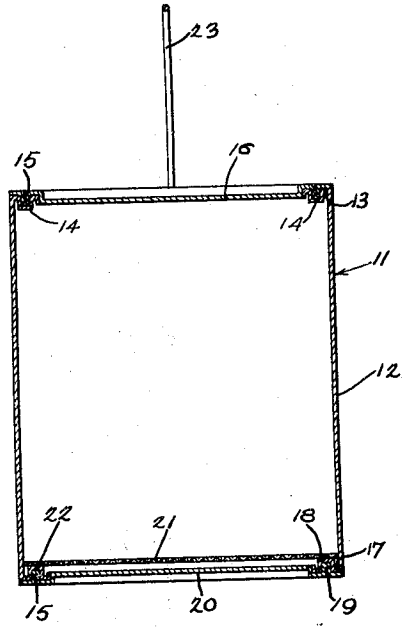


Fig. 2

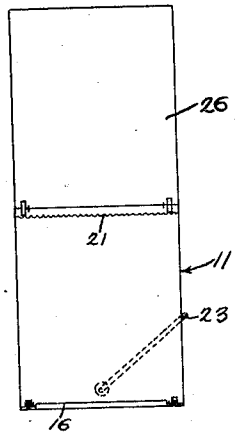


Fig. 3

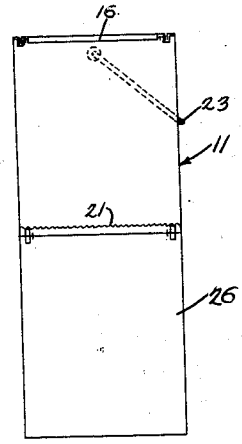


Fig. 4

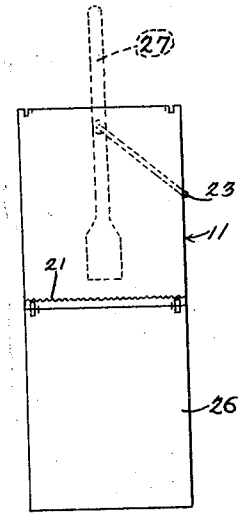


Fig. 5

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1,831,290

UNITED STATES PATENT OFFICE

CHARLES E. DANIEL, OF SANDUSKY, OHIO, ASSIGNOR TO THE AMERICAN CRAYON COMPANY, OF SANDUSKY, OHIO, A CORPORATION OF OHIO

RECEPTACLE

Application filed May 15, 1926. Serial No. 109,413.

My invention relates to receptacles, and particularly to receptacles for paint, and the principal object of my invention is to provide a new and improved receptacle of this type.

In the drawings accompanying this specification and forming a part of this application I have shown, for purposes of illustration, one form which my invention may assume. In these drawings:

Figure 1 is a side elevation of a receptacle embodying my invention,

Figure 2 is a section on the line 2—2 of Figure 1, while

Figures 3 through 5 are somewhat diagrammatic sections illustrating the use of this particular embodiment of my invention.

The embodiment of my invention herein shown and described comprises a receptacle 11 having a cylindrical body 12 terminating at its upper end in an integral annular upper end member 13 provided with an annular groove 14 for the reception of an annular tongue 15 formed on a top cover 16 and arranged to hold the top cover 16 in position on the body 12 by the frictional engagement of the annular tongue 15 with the walls of the annular groove 14, and terminating at its lower end in an annular lower end member 17 provided with an annular groove 18 arranged to receive an annular tongue 19 formed on a bottom cover 20 and effective to hold the bottom cover 20 assembled on the body 12 by the frictional engagement of the annular tongue 19 with the walls of the annular groove 18.

Mounted within the receptacle thus formed is a strainer means herein shown as a wire mesh 21 resting upon the rib 22 formed in producing the annular groove 18 in the lower annular end member 17.

The receptacle 11 may be transported by means of the usual handle 23 secured to the receptacle by insertion of the ends 24 in the projections 25 secured to the body 12 in any suitable manner, as by soldering, or by welding.

It will be obvious to those skilled in the art that by disregarding the removability of the bottom cover 20 the receptacle above described may be employed by merely displacing the top cover 16 and removing the contents through the opening in the upper annular member 13, all in the usual manner, and in a manner which in no way solves the trouble constantly experienced in the use of ready-mixed paint because of the separation of the constituents of the paint occurring to some extent in all cases and to an increasingly troublesome extent with increase in the length of time elapsing between the preparation of the paint and the use thereof.

On the other hand, the receptacle above described may also be used to overcome this difficulty this use being illlustrated more or less diagrammatically in Figures 3 through 5, Figure 3 showing the receptacle 11 inverted with the top cover 16 in place and the bottom cover 20 removed and the receptacle 11 surmounted by an inverted receptacle 26 having its open top in registration with the open bottom of the receptacle 11, Figure 4 showing the assembly of Figure 3 inverted to place the receptacles 11 and 26 both right-side up with the receptacle 11 above the receptacles 26, and Figure 5 showing the receptacles in the same position but with the top cover 16 removed from the receptacle 11 to permit the operation within the receptacle 11 of an instrument, such as the paddle 27, suitable to work the contents of the receptacle 11 through the strainer means 21 into the receptacle 26 thoroughly mixed ready for use.

From the above description it will be obvious to those skilled in the art that the receptacle herein shown and described may be employed not only in the usual manner but also in an additional new manner which overcomes the difficulty heretofore encountered and presents a paint thoroughly mixed ready for use.

Under these circumstances those skilled in the art will readily appreciate that the receptacle herein shown and described embodies advantages heretofore unknown in the art. At the same time those skilled in the art will also realize that the particular embodiment of my invention herein shown and described may be variously changed and modified without departing from the spirit of my invention or

sacrificing the advantages thereof and it will therefore be understood that the disclosure herein is illustrative only and that my invention is not limited thereto.

I claim:

1. A shipping container for ready mixed paint having in combination, a body provided with an opening at each end, each opening having a width substantially equal to the width of the body a removable closure for each of said openings tightly closing the opening, and a strainer of relatively fine reticulations suitable for the straining of paint located within the body of the container adjacent one end of said container and extending across the opening therein, whereby substantially the entire contents of said container is disposed normally above said strainer in position to be strained therethrough when said bottom closure is removed.

2. A shipping container for ready mixed paint having in combination, a body provided with an opening at the upper end and with an opening at the lower end thereof surrounded by an inwardly extending flange forming a friction seat, each opening having a width substantially equal to the width of the body, a removable closure for said upper opening, a removable closure for said lower opening adapted to frictionally engage said seat, and a strainer of relatively fine reticulations suitable for the straining of paint located within the body of the container in engagement with said flange and extending across the opening therein whereby substantially the entire contents of said container is disposed normally above said strainer in position to be strained therethrough when said bottom closure is removed.

In testimony whereof I hereunto affix my signature.

CHARLES E. DANIEL.