(No Model.)

W. VOGEL.

PAINT CAN.

No. 375,517. Patented Dec. 27, 1887.

Fig. 1.

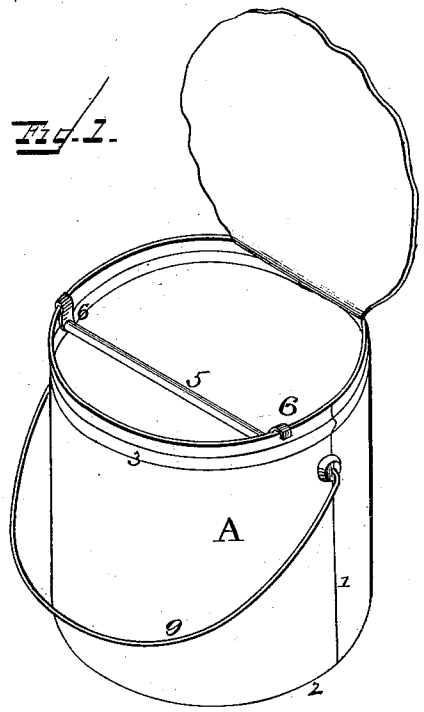


Fig. 2.

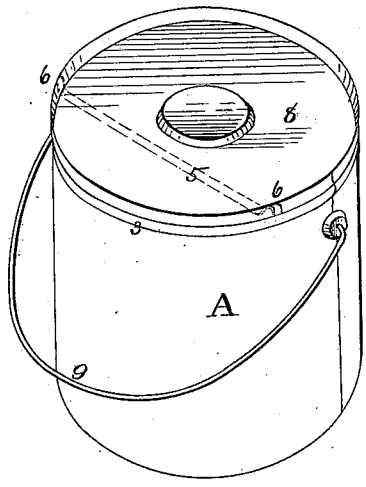


Fig. 3.

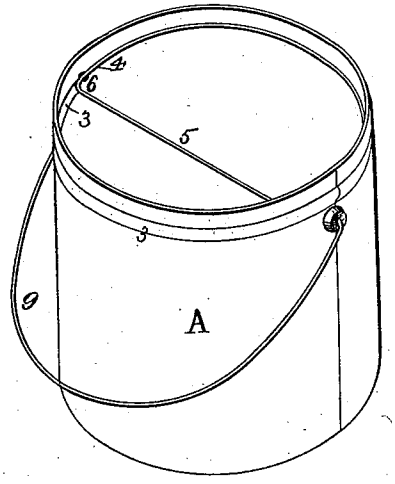


Fig. 5.

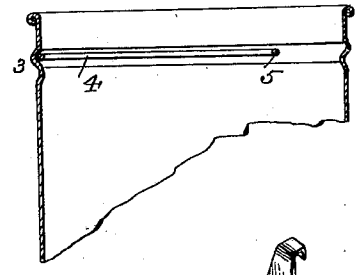
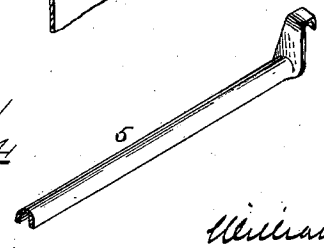


Fig. 4.



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UNITED STATES PATENT OFFICE.

WILLIAM VOGEL, OF BROOKLYN, NEW YORK, ASSIGNOR TO WILLIAM VOGEL & BROTHERS, OF SAME PLACE.

PAINT-CAN.

SPECIFICATION forming part of Letters Patent No. 375,517, dated December 27, 1887.

Application filed April 21, 1887. Serial No. 235,665. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM VOGEL, a citizen of the United States of America, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Paint-Cans, of which the following is a specification.

My invention has relation to paint-cans of that character or class wherein mixed paints are deposited and the contents sealed for transportation and the convenience of the trade; and the object is to provide a can adapted to be sealed to carry, preserve, and protect the contents, and so constructed that when the top of the can is removed the can may be utilized as a paint-pot by the artist or tradesman, and the transfer of the contents to a paint-pot thus be unnecessary. I attain the objects of my improvements by securing a cross-piece directly across the can under the cover and securing the ends to the inner faces of the can and under the crimps of the cover, this cross-piece serving as a wiper for taking off the surplus paint from the brush.

My invention, therefore, consists, first, in a narrow plate curved in cross-section and arranged across the can under the cover, with its ends secured to the inner faces of the can and under the crimp of the cover to serve as a stiffening and for a brush-wiper.

My improvements are especially convenient and useful in instances of packing paint in large cans, as without the stiffening-wire and cross-piece they are too pliant and limber for use as paint-pots.

I have fully illustrated my improvements in the accompanying drawings, forming a part of this specification, and wherein—

Figure 1 is a perspective view of a can with my improvements. Fig. 2 is a similar view of the can sealed as in the trade, the improved stiffening device being shown in dotted lines. Fig. 3 is a can with a stiffening-rod and wiper carried around the can and soldered to the inside of the can. Fig. 4 is a detail of the stiffening-piece, and Fig. 5 is a vertical sectional view.

In the drawings, the same notation of reference designate like parts in construction, and reference being had thereto, the letter A designates a can-shell, which may be of any common construction. I have shown it as of a single sheet seamed and soldered at the side, as at 1, and having a bottom, 2, as usual. At a short distance below the top edge or rim of the can is formed a bead-line, 3, which may extend entirely about the can, or only partially, as may suit the special construction, as to whether the bead-wire is carried entirely about the can or only part way. In this bead 3 may be laid and secured the bead-wire 4. The stiffening-piece, brace-rod, or wiper (shown in Fig. 4) consists of a narrow metal plate curved in cross-section and arranged under the cover with its convex surface upward, so that the depending edges shall serve as scraping or wiping edges. The ends 6 of the cross-piece are struck up and carried over the edge of the can and struck down, and then secured by the crimp of the cover and soldered, as shown, The can is provided with a cover, 8, which is crimped over the top edge of the can with the ends of the cross-piece under the crimp and the parts sealed to the can, as usual. A bail, 9, is provided to lift and carry the can by.

By forming the cross-piece or wiper of a thin metal plate curved in cross-section I present two edges equally adapted to clean the brush of surplus paint. I at the same time have in the flat ends of the cross-piece a convenient form for setting them against the inner face of the can, and, striking their ends over the edges, they may be soldered in position by the same process and act which secures the cover of the can in place. The curved form of the cross-piece also adds to its strength as a stiffening means.

It will thus be seen that the can is not only improved as a means for holding and shipping, since it is made stronger and firmer as a sheet-metal article, but when the cover is removed, by cutting off or any common means or ways, the opened can is a good, substantial, and durable paint-pot, ready and equipped for use.

What I claim is—

The improved paint-can herein described, consisting of a bottomed and covered shell, A, having a stiffening and wiper piece formed

of a narrow metal plate curved in cross-section and arranged across the can under the cover thereof, with its ends immovably affixed to the inner faces of the can, substantially as described, and for the purpose specified.

In witness whereof I have hereunto set my hand in the presence of two attesting witnesses.

WM. VOGEL.

Attest:
WM. J. KENNEDY,
FRED J. GANS.