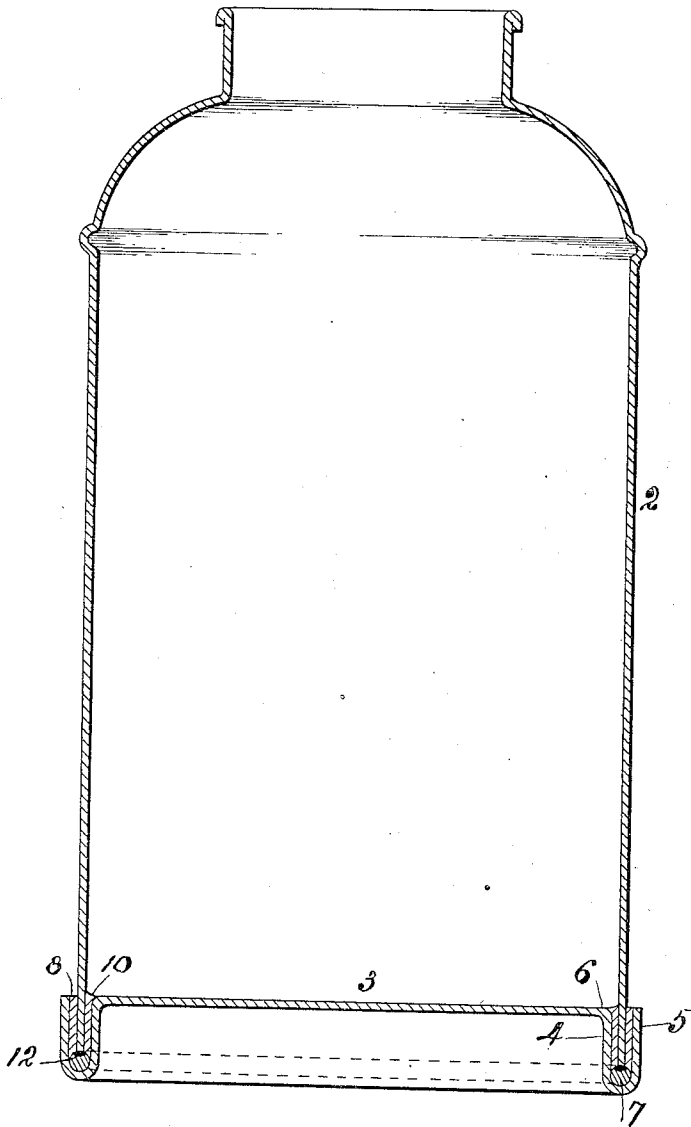


No. 816,625.

PATENTED APR. 3, 1906.

J. W. WALLACE & H. A. KEINER.
TANK OR CAN.

APPLICATION FILED JUNE 3, 1905.



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UNITED STATES PATENT OFFICE.

JOHN W. WALLACE AND HENRY A. KEINER, OF NEW YORK, N. Y.

TANK OR CAN.

No. 816,625.

Specification of Letters Patent.

Patented April 3, 1906.

Application filed June 3, 1905. Serial No. 263,519.

To all whom it may concern:

Be it known that we, JOHN W. WALLACE and HENRY A. KEINER, citizens of the United States, and residents of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Tanks or Cans, of which the following is a specification.

Our invention relates to the construction of the bottoms and chimes of metal tanks, cans, &c., and is an improvement upon Letters Patent No. 755,971, granted to us March 29, 1904.

In the accompanying drawing, to which reference is made, and which forms a part of this specification, the figure is a sectional elevation of a metal tank or can having our invention applied thereto.

In the drawing, 2 designates the body of the tank or can, and 3 designates the bottom of the can, which is formed integral with the inner flange 4 and outer flange 5, the lowermost point of the outer flange 5 being on a level with the fold or bend 6 in the bottom 3. The flanges 4 and 5 are spaced from each other, and in the bottom of the space is fitted a metal ring 7. The bottom of the body 2 is placed in the space between the flanges, so as to rest upon the ring 7, and then the whole is placed upon a level table or support and the parts brazed or soldered together from the top of the outside flange 5, forming two thicknesses of 8.10 of brazing metal or solder. In the work of brazing or soldering the outer flange forms a head or dam for the molten metal, so that as soon as the molten metal rises on the inside to a level with the angle 6 it will overflow the outside flange 5, and thus apprise the workman that the sol-

dering is perfect and complete. Small indentations 12 may be formed in the ring 7 to allow free flow of the molten metal, or notches may be formed in the lower edge of the body 2. The molten metal not only secures the flanges 4 5 to the body of the can, but incases the ring 7, and the ring being of steel or other rigid metal and of greater thickness than the thickness of the metal composing the body of the tank or can braces the flanges 4 and 5 and also protects the bottom edge of the body, thus forming a very strong and durable structure.

Having thus described our invention, what we claim, and desire to secure by Letters Patent, is—

1. A metal tank or can comprising a main body, a bottom having an inner and outer flange a ring of greater thickness than the thickness of the material composing the body of the can placed in the bottom of the space between the flanges forming a base to and supporting the lower edge of the body and brazing metal or solder interposed between the main body of the can and the said flanges, substantially as described.

2. A metal tank or can comprising a main body, a bottom having an inner and outer flange, a ring formed with notches placed in the bottom of the space between the said flanges and brazing metal or solder interposed between the main body of the can and the said flanges, substantially as described.

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Witnesses:

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