

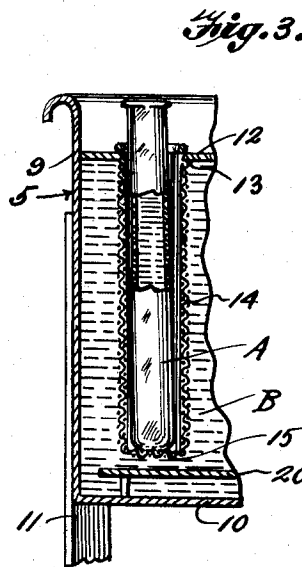
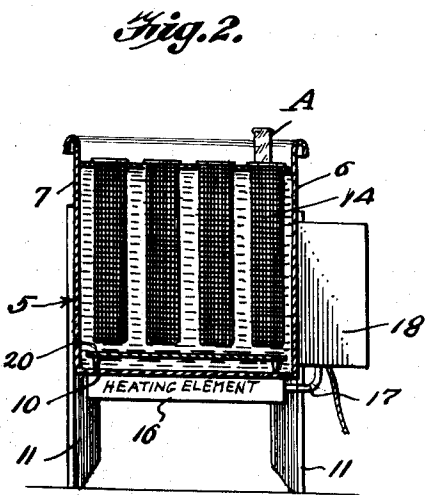
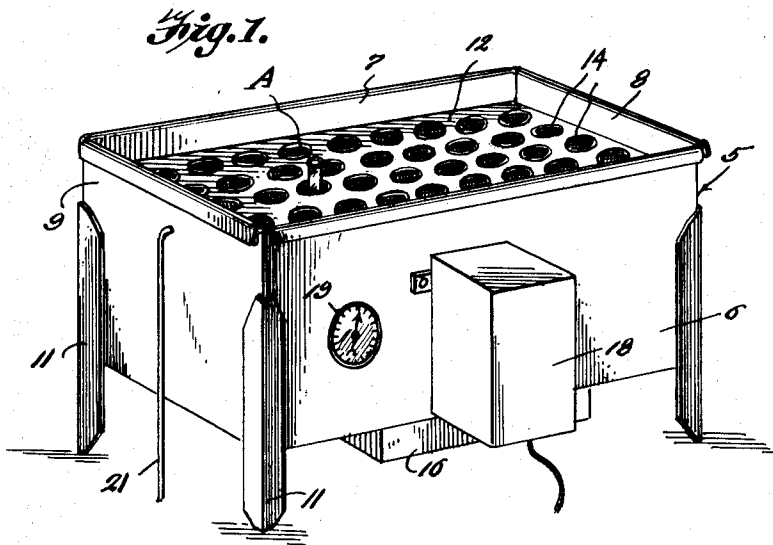
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G. E. SHAW

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ELECTRIC TEST BOTTLE BATH

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INVENTOR.
GEORGE E. SHAW

BY

Patrick D. Beavers
ATTORNEY

UNITED STATES PATENT OFFICE

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ELECTRIC TEST BOTTLE BATH

George E. Shaw, Neillsville, Wis., assignor of one-half to A. A. Morgan, Neillsville, Wis.

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1 Claim. (Cl. 219-43)

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This invention relates to improvements in electric baths and more particularly to an electric test bottle bath. This invention is particularly designed to hold Babcock milk test bottles.

The principal object of the present invention is to provide an electric test bottle bath adapted to hold test bottles at an even temperature while test readings are being made. This temperature is usually 140° Fahrenheit.

Another object of the invention is to provide a test bottle bath of the character stated which is of unusually simple construction and capable of being manufactured and placed in use at a low monetary figure.

A further object of the invention is to provide a test bottle bath which is of very simple construction and not susceptible of the development of ready defects.

These and other objects and advantages of the invention will become apparent to the reader of the following description.

In the drawing:

Figure 1 is a perspective view of the bath.

Figure 2 is a transverse vertical sectional view.

Figure 3 is an enlarged fragmentary vertical sectional view showing a Babcock milk test bottle immersed.

Referring to the drawings wherein like numerals designate like parts, it can be seen, that numeral 5 generally refers to a rectangular shaped tank having sidewalls 6, 7, end walls 8, 9 and a bottom wall 10. Angularly shaped legs 11 are provided at the corners of the tank and serve to support the tank above a supporting surface.

A horizontal partition 12 is provided across the upper portion of the tank and this has a plurality of openings 13 therein downwardly through which test tube holders 14 depend. These test tube holders are of tubular shape and each has a bottom 15 for supporting a milk test bottle A. The holders and their bottoms are formed of screen material. These holders 14 depend into the water content B of the tank 5, as is clearly shown in Figure 3. These holders 14 are of sufficient depth as to permit about one inch of the

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upper portion of the bottle A to project above the top of the corresponding holder 14.

Under the bottom 10 of the tank is a heating unit 15 and connections are made from this heating unit by way of a conduit 17 to a heat control unit 18. This control may be 110 volts, 600 to 700 amps. This control 18 may be located on the front wall 6 and also located on this front wall 6 is a heat indicator 19 of any conventional design. A horizontally disposed baffle plate 20 is provided just above the bottom 10 so as to promote circulation of the water content of the tank.

While the foregoing description sets forth the invention in specific terms, it is to be understood that numerous changes in the shape, size and materials may be resorted to without departing from the spirit and scope of the invention as claimed hereinafter.

I claim:

An electric test bottle bath comprising a tank, a heating unit for heating fluid in the tank, a horizontal partition in the tank having a plurality of test bottle receiving openings therein, bottle holders dependent from the partition at said openings for supporting said bottles, means for regulating the heat output of said heating unit, said holders each being of vertically extending cylindrical shape and having an integrally formed bottom, and said holders and bottoms being formed of screen material, and a fluid circulating baffle mounted within the tank and above the bottom thereof, said heating unit being located below said holders and baffle and at the bottom of the tank.

GEORGE E. SHAW.

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