

D. P. VARNER.
COOKING UTENSIL.
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1,297,938.

Patented Mar. 18, 1919.

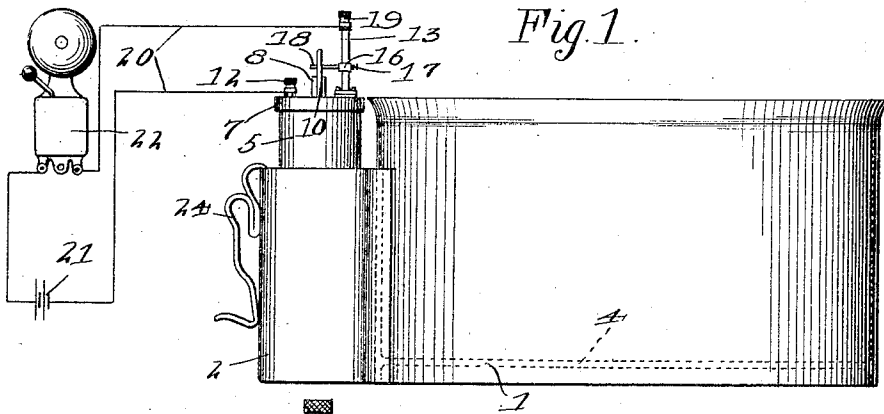


Fig. 1.

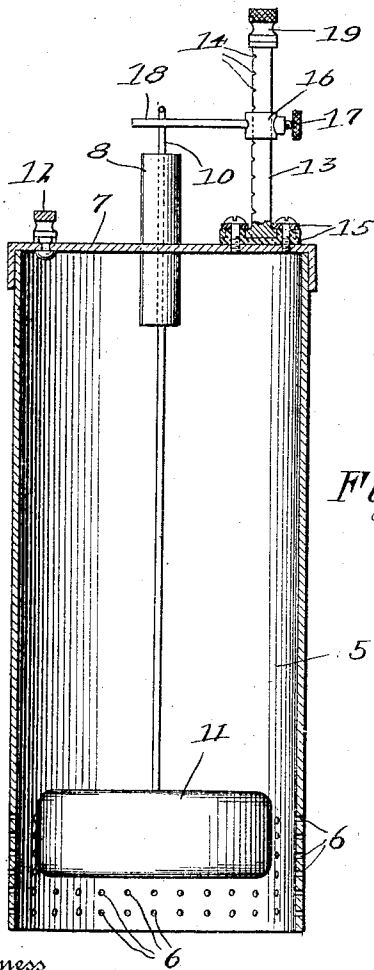


Fig. 3.

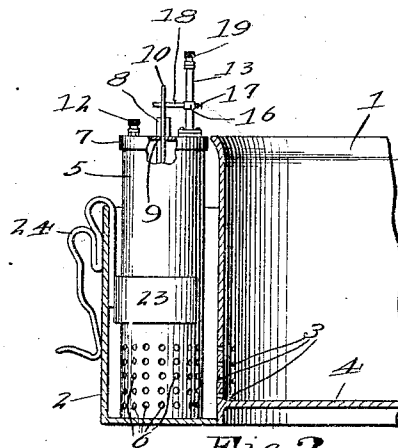


Fig. 2.

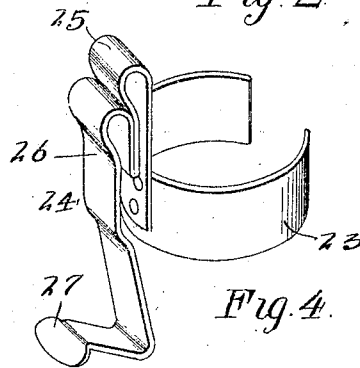


Fig. 4.

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COOKING UTENSIL.

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To all whom it may concern:

Be it known that I, DANA P. VARNER, a citizen of the United States, residing at city of Baltimore, in the State of Maryland, have invented new and useful Improvements in Cooking Utensils, of which the following is a specification.

This invention relates to new and useful improvements in cooking utensils, and the principal object of the invention is to provide means for sounding an alarm when the contents of the vessel reach a certain point.

Another object of the invention is to provide means for adjusting the point at which the device will operate.

Another object of the invention is to provide means for adjusting the device in the vessel and to provide means for accommodating the device to vessels of different shapes.

With the above and other objects in view the invention resides in the construction, combination and arrangement of parts set forth in the following specification and falling within the scope of the appended claim.

In the drawing:

Figure 1 is an elevation of the invention,

Fig. 2 is a longitudinal section,

Fig. 3 is a longitudinal section of the device which carries the float, and

Fig. 4 is a view of the carrying ring and clamp.

In these views 1 indicates the cooking vessel of any desired size or type. To one side of this vessel I secure a small extension 2 which forms a well. This well is in communication with the interior of the vessel by means of the perforations 3 formed in the walls of the vessel adjacent the bottom thereof. I prefer to extend the well below the bottom of the vessel. In the drawing the bottom 4 of the vessel is located a slight distance above the bottom edge of the sides thereof.

5 indicates a tube provided with perforations 6 at its bottom portion. This tube has its upper end closed by a cap 7 and said cap has a small tube 8 passing therethrough. As shown the tube projects above and below the cap. The cap is also provided with a small hole 9 to one side of the tube. The float rod 10 is of a U-shape and has one leg passing through said tube and its other leg through the hole. The float 11 is secured

to one end of said rod. 12 indicates a contact carried by the cap. 13 indicates a rod carried by the cap and insulated therefrom by the insulation 15. 16 is a sliding member having a hole therein through which the rod passes. The rod is square in cross section or is provided with a flattened side to prevent the member from having turning movement thereon. A thumb screw 17 carried by said member will lock the same to the rod. This member carries a contact point 18 which projects forwardly into the loop of the U-shaped rod 10. The upper end of the rod 13 carries a binding post 19. The binding posts are connected by the wires 20 with the battery 21 and the bell 22. The rod 13 is provided with indicating marks 14 for the adjustment of the contact member. The tube 5 is carried by a split ring or collar 23 and this collar has attached thereto a clamping spring 24. This spring is provided with a hooked part 25 which is adapted to hook over the side of the well or the vessel itself. The extension 26 of the spring clamp is provided with a hooked upper end which is secured to or formed with the hooked end 25 and the other end of this extension is bent downwardly and forwardly and the extreme end bent at right angles to provide a handle 27.

When the device is used on a vessel provided with straight sides the hook 25 is placed over the edge of the vessel. The part 26 will engage with the sides of the vessel to frictionally hold the device in place. When the device is used on a vessel smaller at the top than at the bottom, the hook on the member 26 is placed over the edge of the vessel so as to hold the device at an incline, with the bottom thereof adjacent the walls of the enlarged bottom of the vessel. In this way the device is held close to the wall of the vessel so as to not interfere with the contents of the vessel.

By sliding the tube 5 in the collar 23 the device may be adjusted to suit vessels of varying depths.

By means of the sliding contact member 16 the parts may be set so that the alarm will be sounded at any desired water level in the vessel.

It will thus be seen that when the device has been set to sound the alarm when the water reaches a certain level just as soon as

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sufficient water has boiled away to reach this level the float rod 10 will come in contact with the pointed end of the member 16 so that the circuit to the bell will be closed and the alarm sounded.

Having thus described the invention what I claim is:

A device of the class described comprising

a float casing, a float therein, a rod connected with the float, contact means closed by said rod, a split collar engaging said casing, and a clamping spring having hooked portions secured to said collar.

In testimony whereof I affix my signature.

DANA P. VARNER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."