

May 3, 1927.

F. W. ALLEN
STEAM PRESSURE COOKER

Filed Jan. 28, 1926

1,627,005

2 Sheets-Sheet 1

Fig. 1.

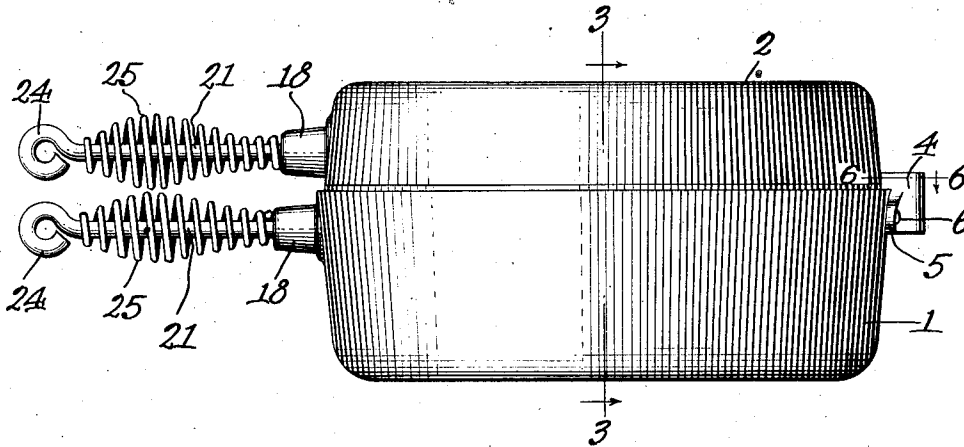
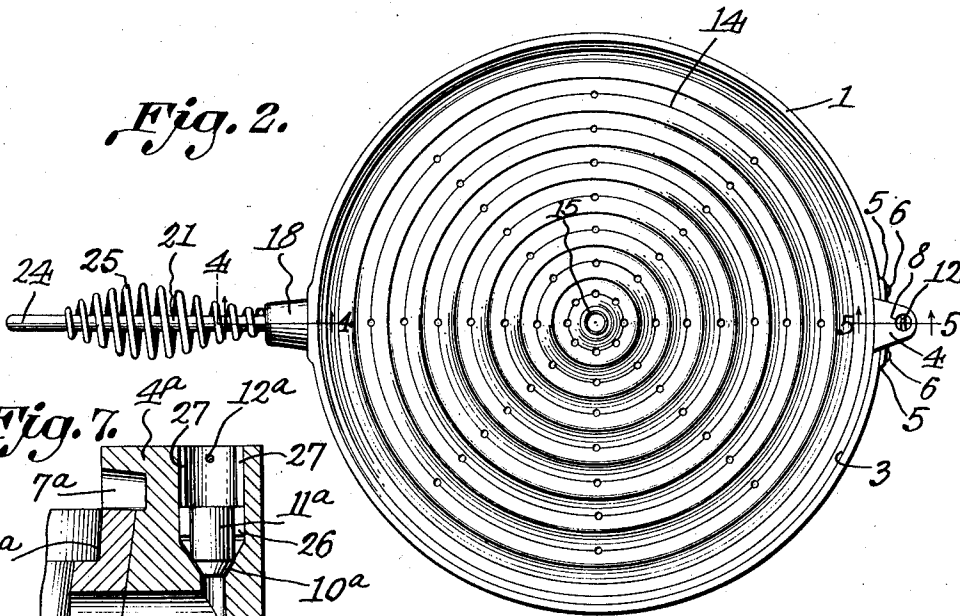
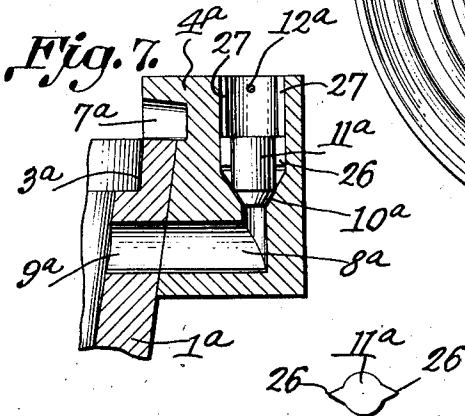
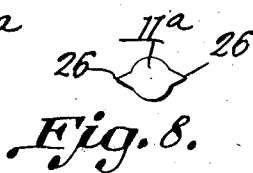


Fig. 2.



Inventor

F. W. Allen

Chas. A. Snow & Co.
Attorneys

May 3, 1927.

F. W. ALLEN
STEAM PRESSURE COOKER
Filed Jan. 28, 1926

1,627,005

2 Sheets-Sheet 2

Fig. 3.

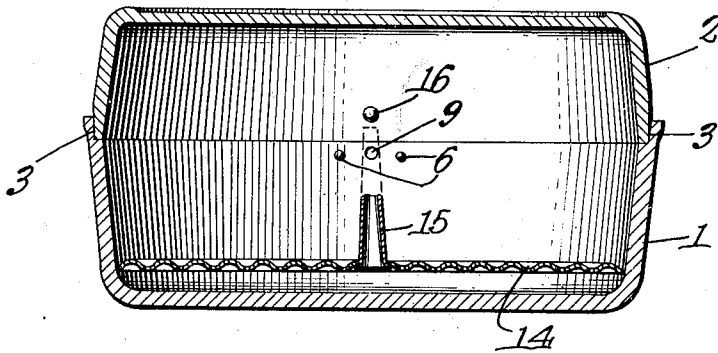


Fig. 4.

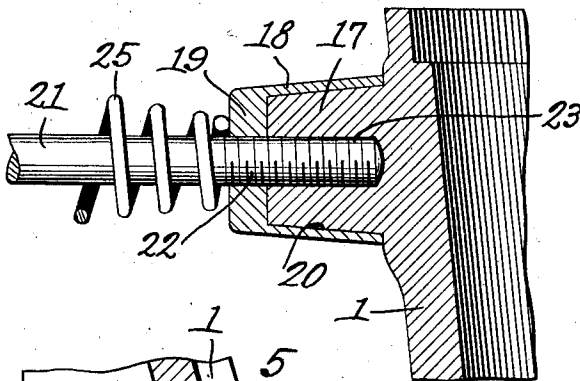


Fig. 5.

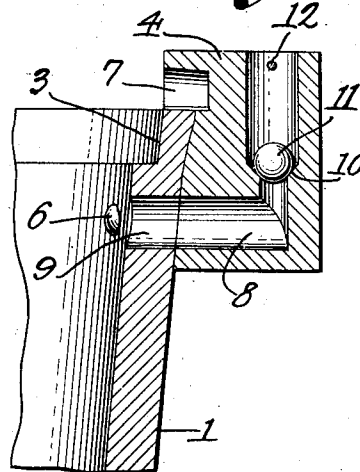
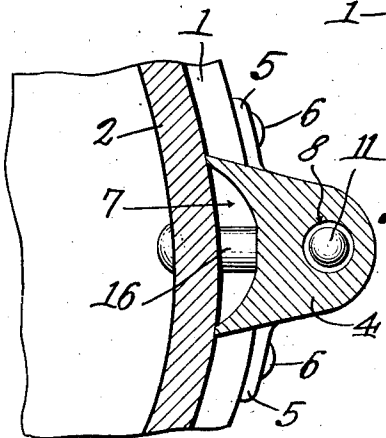


Fig. 6.



Inventor
F. W. Allen

By *C. A. Snow & Co.*
Attorneys

Patented May 3, 1927.

1,627,005

UNITED STATES PATENT OFFICE.

FRED W. ALLEN, OF KINGSTON, TENNESSEE.

STEAM-PRESSURE COOKER.

Application filed January 28, 1926. Serial No. 84,404.

The device forming the subject matter of this application is a cooking utensil, and one object of the invention is to improve the handle mounting. Another object of the invention is to improve the vent construction and the means whereby the base and the closure of the receptacle are held together detachably.

It is within the province of the disclosure to improve generally and to enhance the utility of devices of that type to which the invention appertains.

With the above and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

In the accompanying drawings:—

Figure 1 shows in side elevation, a device constructed in accordance with the invention; Figure 2 is a top plan of the base; Figure 3 is a section on the line 3—3 of Figure 1; Figure 4 is a fragmental section showing the handle mounting; Figure 5 is a fragmental section showing the vent valve construction; Figure 6 is a section on the line 6—6 of Figure 1; Figure 7 is a section similar to Figure 5, but showing a modification; Figure 8 is a plan of the modified valve.

The utensil forming the subject matter of this application comprises a cup-shaped base 1 and an inverted cup-shaped closure 2 mounted on the base, the closure fitting within the base, with a steam-tight ground joint 3.

The numeral 4 designates a lug having lateral ears 5, the lug 4 being mounted on the outer surface of the wall of the base 1, and upstanding above the upper edge of the side wall of the base, as shown in Figure 5, securing elements 6 connecting the ears 5 of the lug 4 with the side wall of the base 1. That portion of the lug 4 which extends above the upper edge of the base 1 is supplied on its inner surface with a socket 7. There is an angular vent passage 8 in the lug 4, the vent passage extending upwardly through the upper surface of the lug, and extending inwardly, into communication with an opening 9 formed in the side wall

of the base 1. Intermediate its ends, the vertical portion of the vent passage 8 has a seat 10, wherewith coacts a ball valve 11, retained in the vertical portion of the passage 8, for movement, through the instrumentality of a stop pin 12 located in the vertical portion of the passage 8 and mounted at its ends in the lug 4. If desired, a perforated false bottom 14 may be located in the base 1, the bottom being corrugated, and having an upstanding central spout 15, the function of which is understood readily. The closure 2 is supplied with an outstanding finger 16, which, being received in the socket 7 of the lug 4, affords a means whereby the base and the closure are held together detachably.

The handles are held on the base 1, and on the closure 2 in the same manner, and, therefore, a description of one handle will suffice, the handles being located, preferably, diametrically opposite to the lug 4. Any suitable latch mechanism may be provided for connecting the handles, if desired, but since this detail is common and known in the art, no latch mechanism is shown. As to the handles, the description will be confined to the base 1, since, as hereinbefore stated, the handles are mounted in the same way.

The base 1 has an outstanding tapered boss 17 which is circular in cross section. The numeral 18 designates a cap having an end wall 19, the cap being provided with a recess 20 which is shaped to conform to the boss 17, the cap receiving the boss. The numeral 21 designates a rod, forming a member of the handle, the member 21 being threaded into the end wall 19 of the cap 18, and being threaded into the boss 17, to bind the boss tightly in the recess 20 of the cap 18, the threading of the rod 21 into the end wall 19 of the cap 18 being shown at 22, and the threading of the rod into the boss being shown at 23. At their outer ends, the rods 21 of the handles have projections 24, in the form of eyes. On the members 21 of the handles are mounted grips 25 of any desired shape and construction. In the present embodiment of the invention, the grips are of spiral form. The grips 25 are engaged at their ends by the eyes 24 and by the end walls 19 of the caps 18. The general construction is such that an unusually strong handle mounting is provided.

The lug 4 exercises a two-fold office, in

that it houses the valve 11, and, also, carries the socket 7 wherein the finger 16 of the closure 2 is received.

5 The valve need not be constructed precisely as hereinbefore described. Thus, referring to Figure 7, parts hereinbefore described have been designated by numerals previously used, with the suffix "a". The valve 11^a is of bullet-like form, and has op-
10 positely extended flanges 26 received slidably in oppositely disposed grooves 27 fashioned in the lug 4^a and located within the vertical or upright part of the vent passage 8^a.

Having thus described the invention, what is claimed is:—

15 A cooking utensil comprising a base and a closure on the base, a lug on the base, the lug and the base having a vent passage, and a valve controlling the passage, the lug having a socket, and the closure being provided
20 with a finger received in the socket.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

FRED W. ALLEN.