

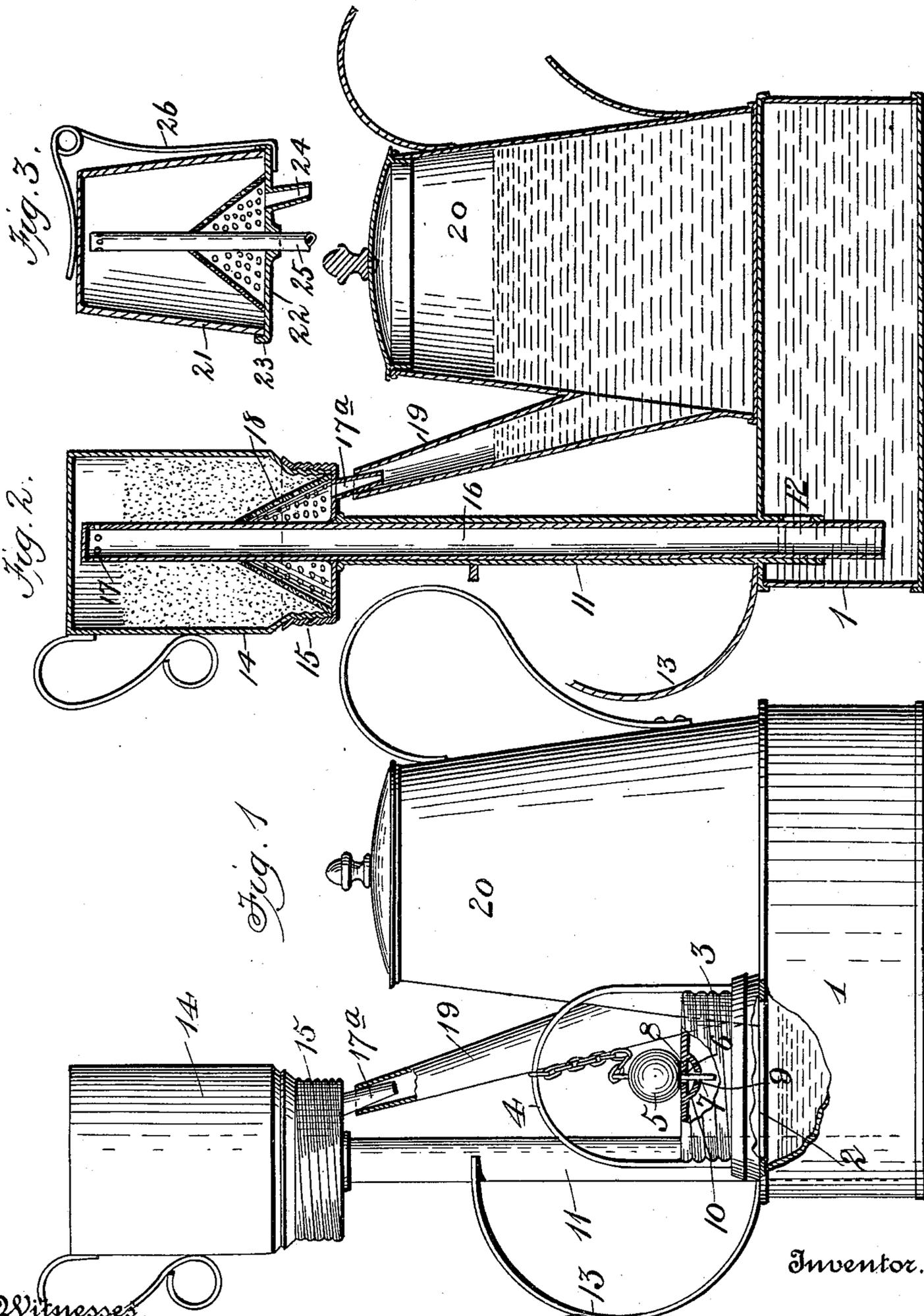
No. 666,593.

Patented Jan. 22, 1901.

T. BABIN.
COFFEE POT.

(Application filed Sept. 25, 1900.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

TELESPHORE BABIN, OF HOUMA, LOUISIANA.

COFFEE-POT.

SPECIFICATION forming part of Letters Patent No. 666,593, dated January 22, 1901.

Application filed September 25, 1900. Serial No. 31,059. (No model.)

To all whom it may concern:

Be it known that I, TELESPHORE BABIN, a citizen of the United States, residing at Houma, in the parish of Terre Bonne and State of Louisiana, have invented new and useful Improvements in Coffee-Pots, of which the following is a specification.

My invention relates to coffee-boilers; and the object of the same is to produce a device of this character by the use of which coffee can be made which will be free from grounds and which will be automatic in operation after it has been set up.

The following advantages may be noted: Since it is automatic, it requires no attention during the cooking of the coffee and all danger of burns in handling is avoided. Only boiling-hot water comes in contact with the coffee. Therefore the strength is all leached out. No additional vessels are needed, and it can be adjusted to fit any and all coffee-pots. The construction is such that it is adapted to be made of all sizes and either single or double. The pot is separate from the other parts and is therefore as light as possible, thus avoiding the trouble of handling a pot with a heavy strainer in it. The parts are such that they may be conveniently taken apart and packed. All of these advantages are attained by the simple and novel construction described in this specification and claimed, and illustrated in the accompanying drawings, forming a part thereof, and in which—

Figure 1 is an elevation of my device with parts broken away. Fig. 2 is a vertical section of the same. Fig. 3 is a section of a modified form of coffee-receptacle strainer.

Like numerals of reference designate like parts in the various views of the drawings.

The numeral 1 designates the boiler for containing the water. This boiler is cylindrical in shape and is provided with an opening 2, fitted with a screw-top 3. This screw-top 3 has a bail 4 secured thereto, which has a metal ball 5 attached thereto. This ball 5 is designed to serve as a safety-valve, and with that end in view is flattened at 6 and provided with a pin 7. The pin 7 fits an aperture 8 in the cover 3 and extends through a second aperture 9, which pierces a concave circular disk 10, rigidly attached at its edges to the

under side of the cover. This combination of cover 3 and disk 10 keeps the ball from rocking and also causes a whistling sound to be made by the escaping steam, which sound informs the cook that the water is boiling. If the steam-pressure should get dangerously high owing to the stopping up of some of the pipes, the ball 5 would be unseated and the excess allowed to escape.

A tube 11 pierces the top of the boiler at a point near the edge and extends down into the same and for a considerable distance above. It is perforated at 12 and provided with a handle 13 to serve in handling the device. Some of the perforations 12 always come above the surface of the water, and thereby serve to prevent water being forced up the tube 11. A coffee-receptacle 14 is provided with a screw-top 15, having a tube 16 and a spout 17^a rigidly secured thereto. The tube 16 is constructed to fit within the tube 11. To do this, the receptacle 14 is inverted and the tube 16 inserted in tube 11. It reaches a point near the bottom of the boiler and extends up into the receptacle 14. It is closed at its upper end and provided with perforations 17 for water to pass through. These perforations are positioned so as to come above the ground coffee placed within the receptacle. A conical strainer 18 is seated, point up, in the inside of the screw-top 15 and surrounds the tube 16. By this arrangement the ground coffee is kept away from the inner end of the spout 17^a and retained within the receptacle. The spout 17^a is designed to be connected to the spout 19 of a coffee-pot 20, placed on top of the boiler. This pot may be of any suitable form; but one with a long spout is preferred. As the tube 16 is free to move, it may be adjusted to suit any pot.

The operation of making coffee is as follows: A quantity of coffee is first placed in the receptacle 14, the top screwed on, and the tube 16 inserted in the tube 11 and the spout 17^a into the spout of a coffee-pot placed on top of the boiler 1. As much water as is required for the coffee or a little in excess is now placed in the boiler 1 after unscrewing the cover 3 and the cover then screwed on. The whole device is now placed on a fire. When the water comes to a boil, steam will accumulate above the surface thereof and press thereon.

This action will force the water which is above the mouth of the tube 16 up through this tube and into the receptacle 14. It will then percolate through the coffee, trickle through the strainer, and enter the spout 17^a, from whence it passes into the pot 20. If the tube 16 does not extend quite to the bottom of the boiler, enough water will remain to keep the boiler from being ruined. The coffee is now ready, the pot can be detached, and the same served.

In the modified form of coffee-receptacle illustrated in Fig. 3 I use an ordinary glass tumbler 21, which is placed upside down and fitted within a lid 22. The lid is provided with a rim 23, a spout 24, and a pipe 25. The glass 21 is held in position by a spring 26.

Having thus described my invention, what I claim as new, and wish to secure by Letters Patent, is—

1. In a coffee-boiler, the combination, substantially as described, of a boiler, a tube connected with said boiler, a coffee-recepta-

cle, a tube connected to said coffee-receptacle and constructed to fit within the said tube connected to said boiler and reach to a point near the bottom of the boiler, a coffee-pot having a spout, and a spout secured to the bottom of said coffee-receptacle, said spout being constructed to fit within the spout of said coffee-pot.

2. A coffee-receptacle, comprising a vessel having a cover, a tube connected to said cover and extending into the receptacle and provided with perforations in its inner end, a strainer seated in the inner side of said cover, and a spout secured to said cover, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

TELESPHORE BABIN.

Witnesses:

J. C. BRIANT,
E. A. HEPLER.