(No Model.)

W. H. COMSTOCK.

COFFEE POT.

No. 482,299. Patented Sept. 6, 1892.

Fig 1

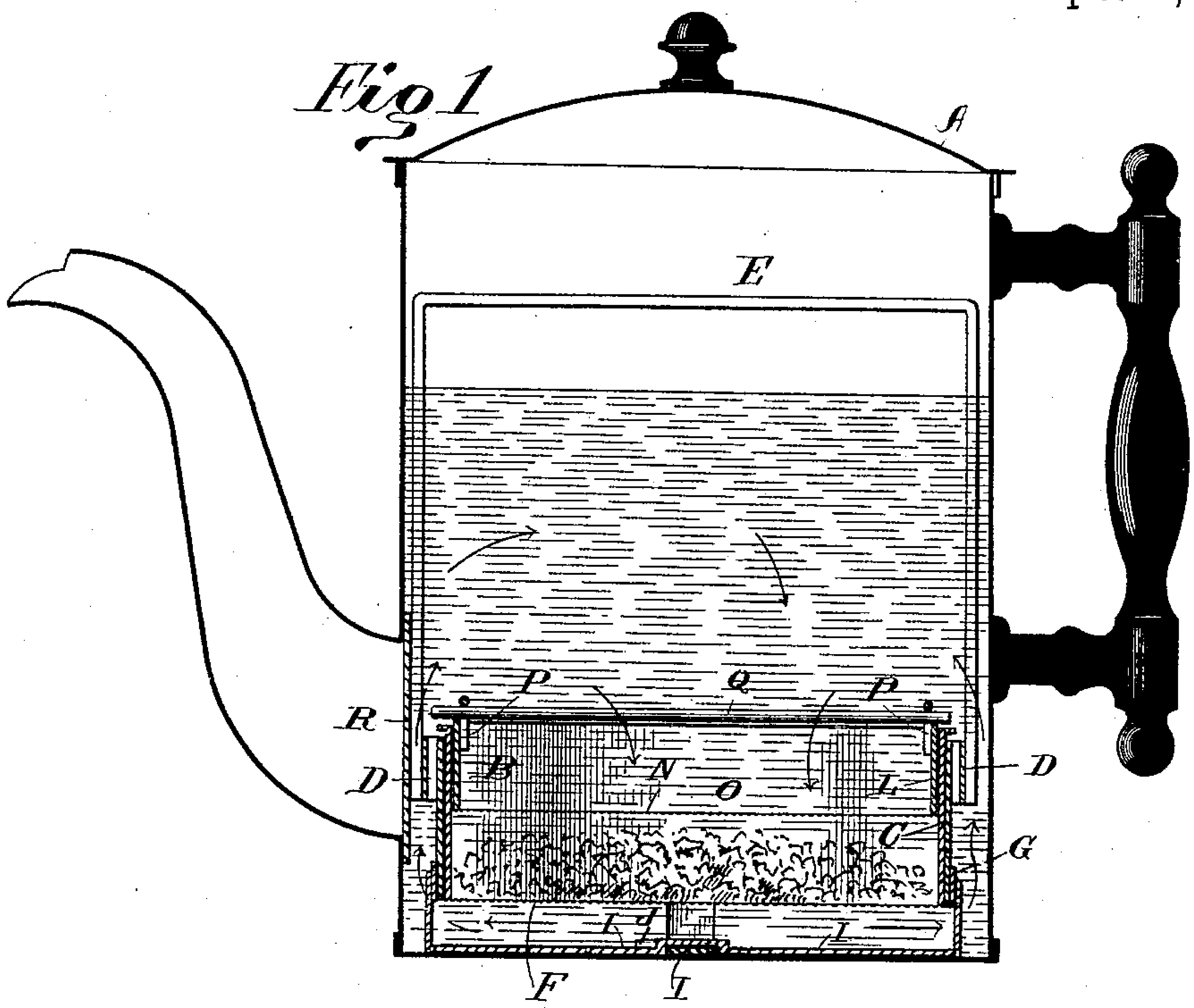


Fig 2

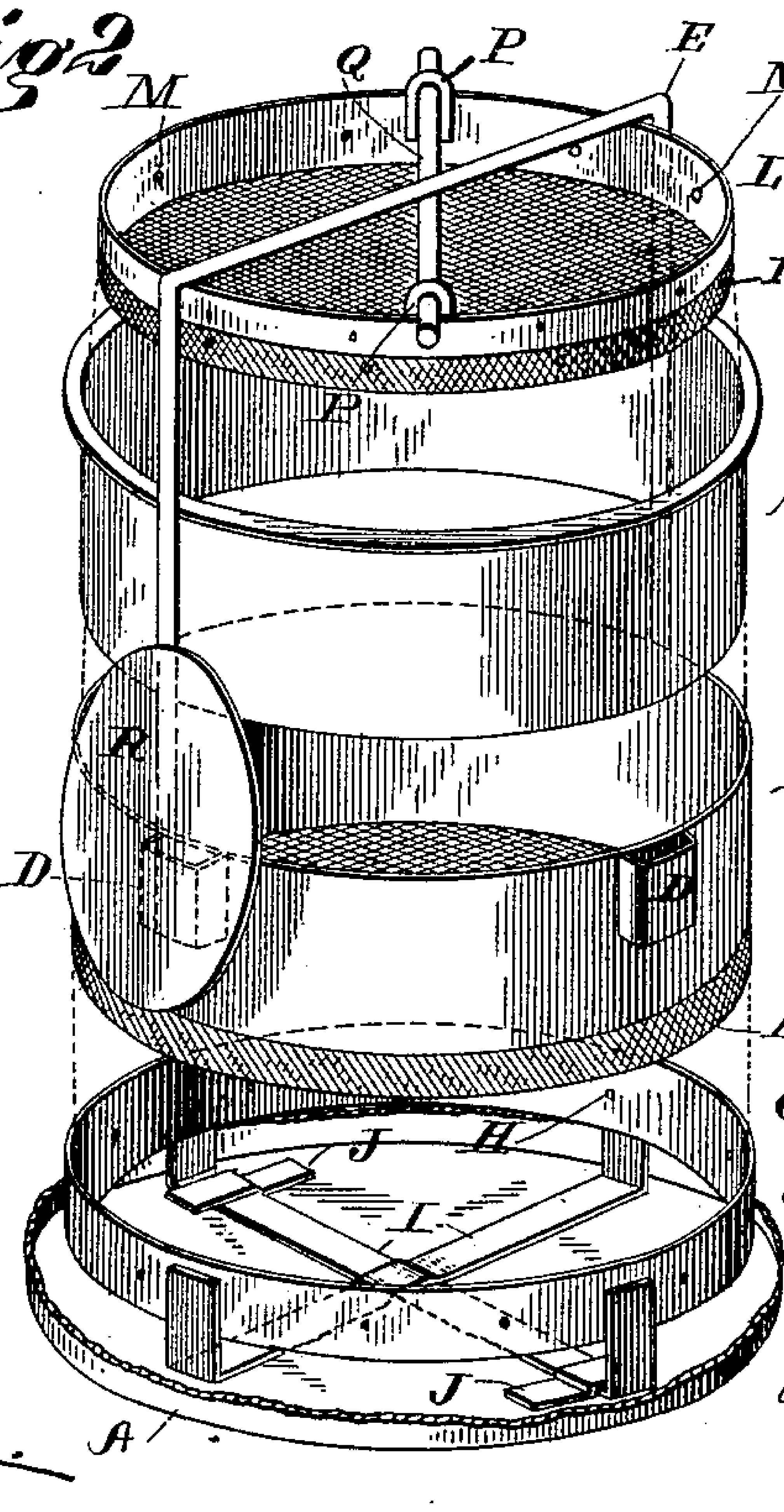
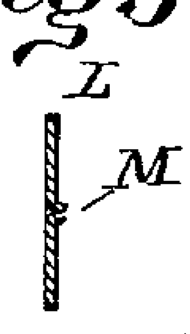


Fig 3



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COFFEE-POT.

SPECIFICATION forming part of Letters Patent No. 482,299, dated September 6, 1892.

Application filed January 9, 1892. Serial No. 417,517. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM HARLOW COMSTOCK, a citizen of the United States, residing at Oskaloosa, in the county of Mahaska and State of Iowa, have invented certain new and useful Improvements in Coffee-Pots; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention has special reference to that class of coffee-pots in which a separate receptacle is provided for the coffee-grounds, the said receptacle being so located in relation to the pot that the water will be caused to circulate around and through the receptacle, thus getting the full strength and benefit of the coffee.

The object of my invention is to produce more convenient, effective, and durable means for accomplishing this purpose than has heretofore been known; and to this end it consists in the peculiar features and combinations of parts more fully described hereinafter, and pointed out in the claims.

Referring to the accompanying drawings, which illustrate my invention applied to an ordinary coffee-pot, Figure 1 represents a vertical section of the complete device in use; Fig. 2, a view in perspective of the receptacle detached from the pot; Fig. 3, a detail in section of the slip-ring.

The reference-letter A represents the aforesaid coffee-pot, which is of ordinary construction, having the usual spout, top, and handle. The coffee-receptacle is formed somewhat smaller than the interior of the pot and is constructed, substantially, of two parts B and C, the lower of which is provided with the projecting lugs D, which engage the inner walls of the coffee-pot and serve to hold it in rigid adjustment. The handle E is securely fastened to two of these lugs and extends upwardly nearly to the top of the pot. By this handle the receptacle may be lifted out and handled with greater facility. This lower section is fitted with a gauze or muslin bottom F, which is held in place by means of the slip binding-ring G, which fits on the outside of the section B, and is provided with inwardly-extending projections formed by the small holes H, which are punched in it. These projections serve to insure the holding of the gauze and ring in place. Extending slightly below this ring are two braces I, which cross each other at right angles and are received by the hooks J, rigidly secured to the bottom of the coffee-pot. By this means the receptacle is securely held in the bottom of the pot and permits free circulation of the water through the coffee-receptacle.

The upper section or top C of the coffee-receptacle is formed in a manner somewhat similar to the lower section, and consists of the two parts C and L. The outside ring C is made much deeper or wider than the section L and is adapted to fit into the lower section, thereby forming a perfectly-tight joint to prevent the escape of any of the coffee-grounds into the coffee. The ring L of the top section is also provided with projections M of the class mentioned above, which serve the same purpose as the first-mentioned ones on the ring or section G, that is to confine the gauze N, which forms the top of the upper section, in place. This gauze N is passed over the under side of the section L, and when in place leaves a space or pocket O on top of the upper section of the receptacle equal to the depth of the aforesaid section L. This pocket forms a resting-place for all grounds that may escape from the receptacle and are confined therein by the downward pressure of the boiling water, which will be described fuller hereinafter. To the inside of the ring L opposite each other are rigidly secured the hooks P, which receive the cross-bar Q, forming a handle by which the upper section can be lifted out of engagement with the lower one and the receptacle filled with coffee-grounds.

To prevent any undue escape of steam from the spout of the coffee-pot when boiling, a door or valve R is rigidly secured to one side of the handle E and conforms to the shape of the opening in the spout. This valve is constructed of sheet metal and is adapted to normally close the spout-opening, and when it is wished to pour off the coffee the handle may be turned slightly to the left, thereby opening the spout.

In using my improvement, the ground coffee is placed in the receptacle and the lid or top section C is fitted into the lower section, as hereinbefore explained, thereby tightly inclosing the coffee and preventing it from being poured out. The receptacle is then placed in the coffee-pot in such a manner that the valve or door R will come over the spout-opening and turned to the right, whereby the braces I are brought into engagement with the hooks J and the receptacle securely held in place. When the water is poured in the pot it flows upwardly and around the outside of the receptacle and in return flows through the gauze top and bottom of the receptacle, whereby the whole strength of the flavor of the coffee is extracted.

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

1. A coffee-pot, in combination with a coffee-grounds receptacle composed of two sections, the lower end of which is provided with downwardly-extending-braces and hooks in the bottom of the pot, in the manner and for the purpose substantially as set forth.

2. A coffee-pot, in combination with the herein-described grounds-receptacle, composed of two sections comprising, respectively, a body and its lid, the lid being constructed of two rings fitting one within another in such a manner as to form a pocket on its top, in the manner and for the purpose stated.

3. A coffee-pot, in combination with a coffee-grounds receptacle having a handle and a valve or door secured to said handle, whereby the opening in the spout may be opened or closed, as and for the purpose set forth.

4. A coffee-pot, in combination with a grounds-receptacle formed of two sections comprising, respectively, a top and bottom portion, each of said sections being provided with gauze ends held in place by a slip ring or band, means for securing the receptacle in place, lugs located around the receptacle and adapted to engage the inner side of the pot, and a handle secured to the lower section or body portion, as set forth.

5. A coffee-pot of the class described, having a grounds-receptacle, in combination with a valve secured to the receptacle and commanding the opening in the spout, substantially as described.

6. A coffee-pot provided with a grounds-receptacle having a gauze bottom and top and a pocket formed in the top, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM HARLOW COMSTOCK.

Witnesses:
W. H. KEATING,
C. P. SEARLE.