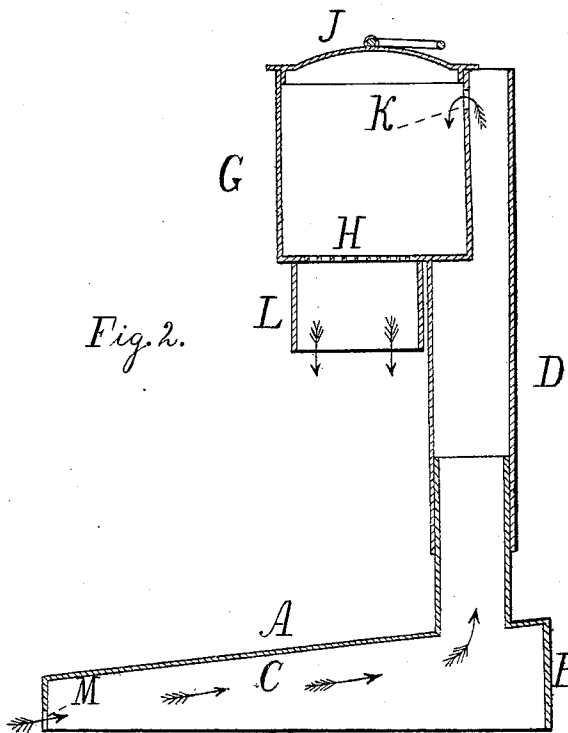
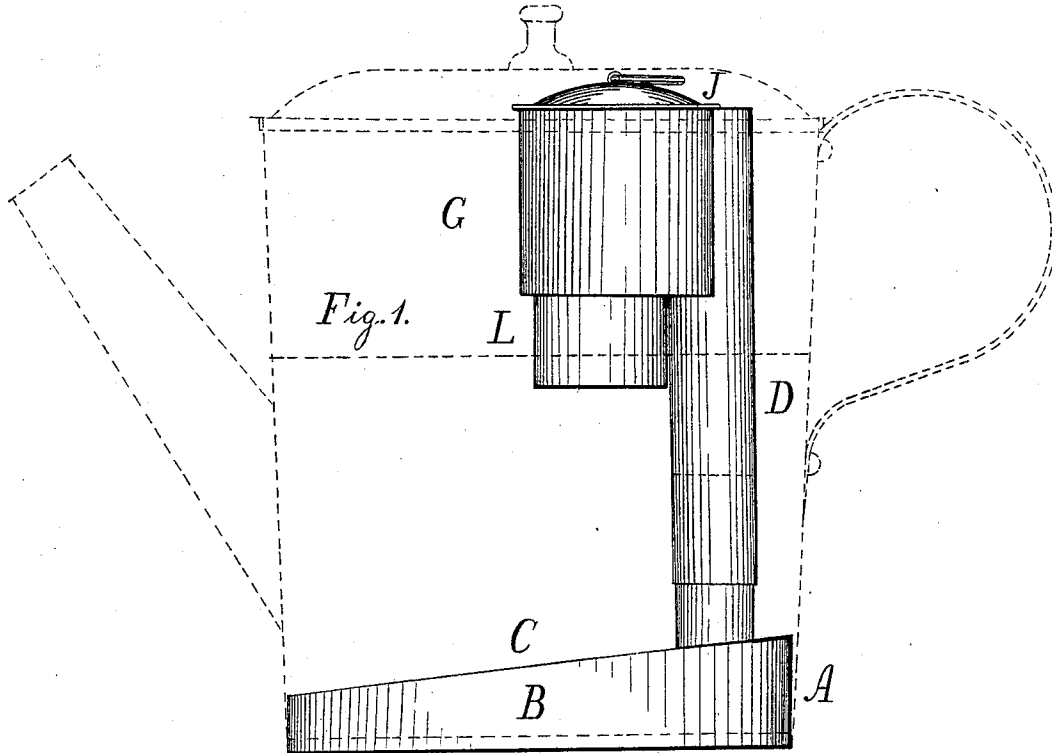


R. B. LAMB.
Coffee-Pots.

No. 150,329.

Patented April 28, 1874.



Witnesses:
A. P. Grant.
L. F. Brou.

Inventor:
R. B. Lamb.
J. A. Dierckheim
attys.

UNITED STATES PATENT OFFICE.

RESTORE B. LAMB, OF CAMDEN, NEW JERSEY.

IMPROVEMENT IN COFFEE-POTS.

Specification forming part of Letters Patent No. **150,329**, dated April 28, 1874; application filed February 16, 1874.

To all whom it may concern:

Be it known that I, RESTORE B. LAMB, of the city and county of Camden and the State of New Jersey, have invented a new and useful Improvement in Coffee-Pots; and I do hereby declare the following to be a clear and exact description of the nature thereof, sufficient to enable others skilled in the art to which my invention appertains, to fully understand, make, and use the same, reference being had to the accompanying drawings making part of this specification, in which—

Figure 1 is a side elevation of the device embodying my invention. Fig. 2 is a central vertical section thereof.

Similar letters of reference indicate corresponding parts in the two figures.

The subject of the invention is a portable and adjustable apparatus adapted for application to a common coffee-pot, and serving to produce a circulation of water through the coffee, which is contained in a strainer of a common form.

Referring to the drawings, A represents the base of the device adapted to be applied within a coffee-pot, which may be of usual form and construction. The base consists, properly, of a rim or band, B, which rests on the bottom of the coffee-pot, and the lower edge of said rim should fit snugly against the adjacent portion of the inner face of the pot. A plate, C, is secured to the upper end of the rim B, and extends in an inclined direction, the plate and rim constituting a bottomless vessel. From the highest side of the plate C there rises a tube, D, which may be made in sections to adapt the device to various heights of coffee-pots, and to the upper end of said tube is secured a receiver or reservoir, G, which consists of a cylindrical or other shaped vessel having a strainer, H, in its bottom, a cap or covering, J, at the top, and a side opening, K, which communicates with the tube. L represents a tube which depends or projects from the bottom of the receiver G, or may be termed a downward prolongation of the body of the receiver, and extends below the strainer H. One or more openings or perforations,

M, will be formed in the rim B at the lowest side of the base, or at the side opposite to the point of junction of the tube D, and plate C.

The operation is as follows: The ground coffee is placed in the receiver G, and the device described set in a coffee-pot, water being poured into the latter either previously or subsequently, so that the bottom edge of the projecting tube L will be entirely submerged, the level of the water being indicated in Fig. 1. When the water boils, such as is within the base A is directed upwardly under the inclined top of the base A to the tube D, and ascends the same, then enters the reservoir G, flows downwardly therethrough, and, escaping through the strainer H to the body of the pot, steeps and boils the coffee, and carries the fluid and volatile extracts through the tube L into the water of the pot above the base A. When the boiling water leaves the base A and ascends the tube D, its place is supplied by the water above the base entering below through the opening M in the rim B, and thus there is a circulation of water which has extracted some of the strength of the coffee, and a subsequent circulation of fluid which continues the extraction of, and re-extracts the strength of, the coffee. There is no interruption in the aforesaid circulation. The ebullition of fluid above the base cannot reach the strainer H, and thus disturb the regular motion of the circulating stream, since the downward power of the latter is greater than the upward tendency of the boiling fluid. The aroma or volatile matter is carried along with the solid extracts, the latter uniting with the fluid in the pot, and the volatile matter passing through said fluid, and impregnating the same so that the full strength of the coffee is obtained and preserved.

It is evident that tea, and other articles of the class, may be readily prepared by the device herein set forth.

The top of the coffee-pot will hold the cap J of the receiver in position, and in cases of great pressure in the pot act as a valve.

Having thus described my invention, what I

claim as new, and desire to secure by Letters Patent, is—

1. The tube D supporting the coffee-holder G, adjustable in height to suit the height of the pot or of the water, in combination with the inclined and perforated base A, from one side of which the tube D rises, as shown and described.

2. The combination of the downwardly-pro-

jecting tube L, with the coffee-holder G and adjustable tube D, to conduct the issuing liquid below the surface of that within the pot.

RESTORE B. LAMB.

Witnesses:

JOHN A. WIEDERSHEIM,
A. P. GRANT.