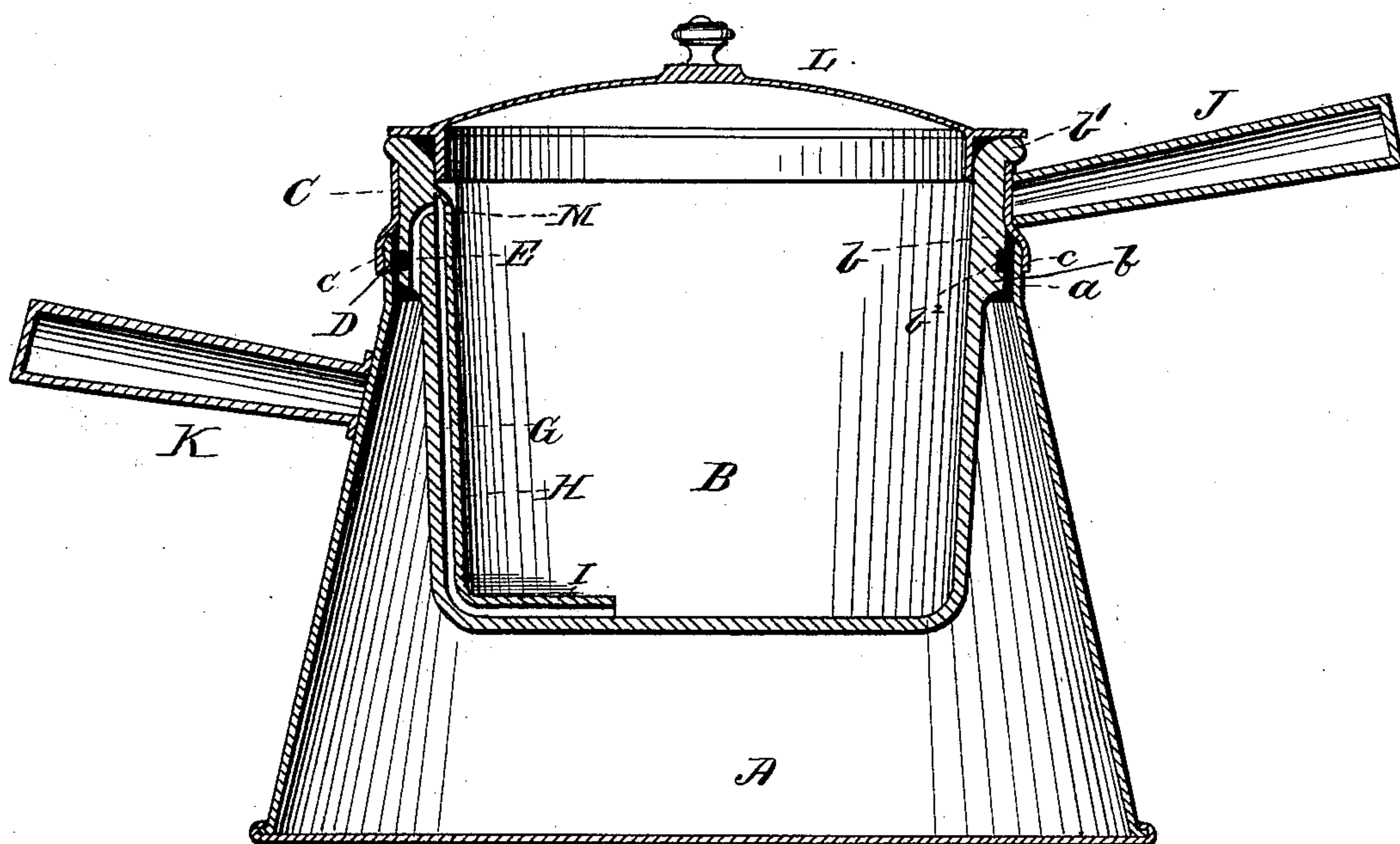


(No Model.)

E. DIMMICK.
STEAMER.

No. 410,752.

Patented Sept. 10, 1889.



Witnesses
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UNITED STATES PATENT OFFICE.

EBER DIMMICK, OF SCRANTON, PENNSYLVANIA.

STEAMER.

SPECIFICATION forming part of Letters Patent No. 410,752, dated September 10, 1889.

Application filed February 2, 1889. Serial No. 298,458. (No model.)

To all whom it may concern:

Be it known that I, EBER DIMMICK, a citizen of the United States, residing at Scranton, in the county of Lackawanna and State of Pennsylvania, have invented certain new and useful Improvements in Steamers; and I do hereby 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.

My invention relates to culinary utensils wherein articles of food may be heated or cooked by means of steam; and it has for its objects to produce a steamer in which the receptacle for containing the food to be heated or cooked is constructed of earthenware, porcelain, or the like, instead of metal, as sometimes used heretofore, in which there will be no siphoning of water and particles of food back and forth between the food and water receptacles, and which is very simple in construction, very compact and handy to use, and can be made at a small cost.

With the above-recited objects in view my invention consists in the construction and novel combinations of parts, as hereinafter fully described, illustrated in the accompanying drawing, and pointed out in the appended claims.

In the drawing I have shown a vertical section of my improved steamer complete.

A indicates a water receptacle or boiler, made, preferably, of metal, which is made tapering in form and provided at its upper edge with a vertical lip *a*, for a purpose presently explained.

B indicates the food-receptacle, made cylindrical or slightly tapering in form, and constructed of earthenware, porcelain, or the like, instead of metal, which is often used in the construction of cooking-vessels, as I have found in practice that metal will impart to the food a very disagreeable taste, which is not the case when earthenware or porcelain is used. Furthermore, a saving in the cost of construction is effected.

The receptacle B is provided near its upper end with an enlarged annular shoulder or projection *b*, which fits within the lip *a* of the receptacle A when the parts are fitted together. It is also provided with an annular

bead *b'* at its upper edge. Around the enlarged shoulder *b* is fitted a metallic ring or band C, which at its upper edge abuts against the bead *b'* and at its lower edge is provided with an annular enlargement *c*, between which and the shoulder *b* the vertical lip *a* passes.

In order to prevent any escape of steam between the two receptacles when fitted together, I form in the shoulder *b* an annular groove or recess *b²*, into which is sprung a rubber or other suitable packing-ring D, which forms a steam-tight joint with the lip *a*.

To enable the steam to pass from the receptacle A into the food-receptacle to act upon the food therein, a vertical opening or steam-passage E is formed in the shoulder *b*, which communicates at its upper end with a vertical steam-passage G, formed by a pipe H, made integral with the food-receptacle B, said pipe having at its lower end a foot or horizontal extension I, which serves to discharge the steam across and parallel to the bottom of the food-receptacle, near the center thereof. Said pipe and its horizontal foot I prefer to make slightly rounding instead of angular, to facilitate the cleaning and also to economize in space.

To adapt the food-receptacle to be easily manipulated, I provide a handle J, secured to the ring C of the food-receptacle, and a like handle K is provided for the water-receptacle, said handles being secured in a well-known manner.

It will be seen that when the food has been sufficiently heated or cooked the food-receptacle can, by means of its handle, be readily lifted out and the boiler be used as a saucepan, if desired.

A lid or cover L is provided for the food-receptacle, which, when the latter is not in use, can readily be applied to the boiler.

To prevent siphoning of water into the food-receptacle or of particles of food into the water-receptacle, I provide a small opening M near the upper end of the steam-pipe H.

Having described my invention, what I claim is—

1. In a steamer, the combination, with a water-receptacle, of a food-receptacle constructed of earthenware, porcelain, or the like, fitting within said water-receptacle and hav-

ing the steam-passage E, and the pipe H, integral with said food-receptacle, forming the steam-passage G, communicating with the passage E and an opening M, formed in said
5 pipe H, for the purpose specified.

2. In a steamer, the combination, with a water-receptacle A, provided with a vertical lip *a*, of a food-receptacle B, constructed of earthenware, porcelain, or the like, having an
10 annular shoulder *b*, a bead *b'*, steam-passages E G, formed therein, the packing-ring D, fitted

in a recess in the shoulder *b*, and the band C, fitted around the shoulder *b*, and having the annular enlargement *c* and a suitable handle for said receptacle, substantially as described. 15

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

EBER DIMMICK.

Witnesses:

CLARENCE E. LATHROP,
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