C. C. BUREN.

LUNCH HEATER.

APPLICATION FILED MAR. 25, 1907.

899,026. Patented Sept. 22, 1908.

Fig. 1.

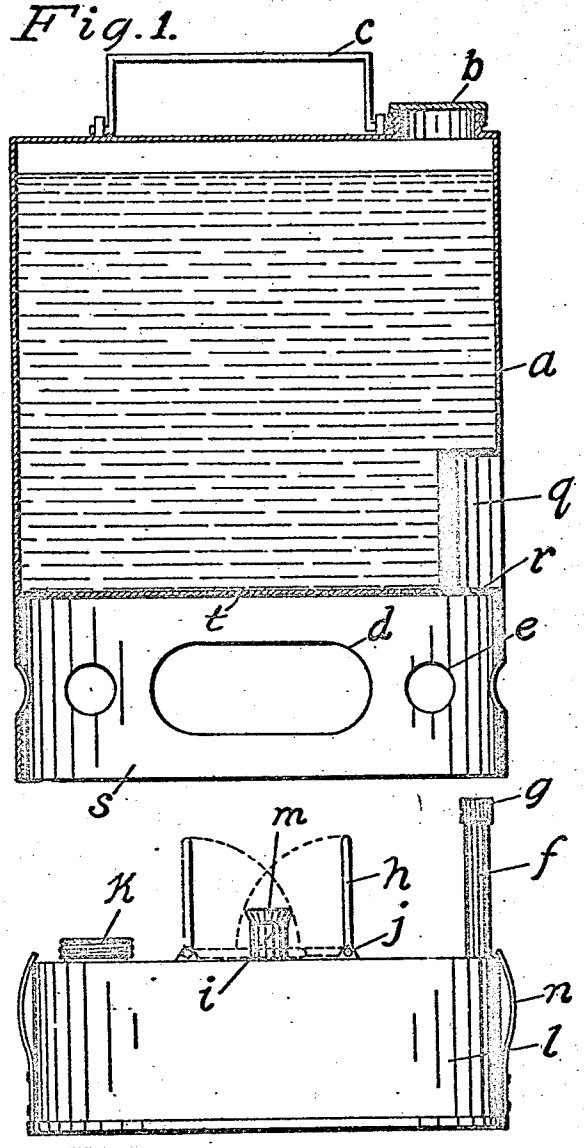
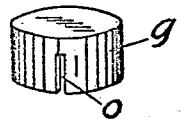


Fig. 2.



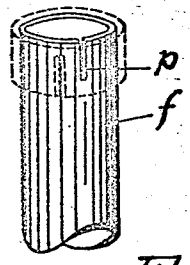


Fig. 3.

WITNESSES:-

H. M. Harper.

O. D. Young.

INVENTOR

Cornelius C. Buren,

BY

G. C. Kennedy,

ATTORNEY

UNITED STATES PATENT OFFICE.

CORNELIUS C. BUREN, OF WATERLOO, IOWA, ASSIGNOR OF ONE-FOURTH TO QUIGG F. ROBINSON AND ONE-FOURTH TO ROY R. ROBINSON, OF WATERLOO, IOWA.

LUNCH-HEATER.

No. 899,026. Specification of Letters Patent. Patented Sept. 22, 1908.

Application filed March 25, 1907. Serial No. 364,262.

To all whom it may concern:

Be it known that I, CORNELIUS C. BUREN, a citizen of the United States of America, and a resident of Waterloo, Blackhawk county, Iowa, have invented certain new and useful Improvements in Lunch-Heaters, of which the following is a specification.

My invention relates to improvements in lunch-heaters, and the object of my improvement is to provide convenient means for heating a receptacle and its contents, and adapted to be collapsed together when not employed so as to be carried in the pocket, such heater having a safety-vent adapted to permit the escape of gas generated by heat from the lamp without the inclosures thereof. This object I have accomplished by the means which are hereinafter described and claimed, and which are illustrated in the accompanying drawing, in which:—

Figure 1 shows separated parts of my device of a lunch-heater, a portion of one part being sectioned vertically. Fig. 2 is a perspective view of the slotted cap of the gas vent tube, and Fig. 3 is a perspective view of the slotted gas vent tube.

Similar letters refer to similar parts throughout the several views.

The lamp *l* has a screw-cap *k* for the introduction of the fuel, also a wick-tube *i* for the reception of the wick *m*. I have provided a small tube *f* in communication with the interior of said lamp, and having an open upper end, said end being slotted at *p*. A cap *g* having a similar slot *o* is provided for said tube, and when turned to make said slots register, any gas generated in the lamp-bowl will escape therethrough. A receptacle *a*, which may have, if desired, a screw-cap *b* and handle *c*, has a depending sleeve *s* of the same shape as the bowl *l* but enough larger to fit thereover, when the two are collapsed together to be carried in the pocket. Spring-clips *n* are attached at their lower ends to the ends of the bowl *l*, and when the sleeve *s* is pushed down over them tend to hold the sleeve and bowl together by their resiliency.

The standards *h* are pivoted at their lower ends *j* to the top of the bowl *l*, and when set upright act to space the receptacle *a* apart from the bowl *l* and to support it thereover. The standards are laid horizontal when it is desired to collapse the sleeve over and about said bowl.

The sleeve *s* has a hand-hole *d*, so that the wick *m* may be lighted therethrough, and also with ventilating-holes *e*. The lower part of the receptacle *a* has an outwardly opening pocket *q* at one side, with a bottom formed by the projection outward over the top of the sleeve *s* of the bottom-plate *t*, the latter being perforated at *r* to receive and fit about the tube *f*. The tube *f* is made long enough to project through the orifice *r* into said pocket *q*, so that when the lamp is lighted and the cap *g* turned to have the slots *o* and *p* in registration, the gas escaping through said slots will pass without the heater and not be in dangerous communication with the lamp flame. The pocket *q* is also of sufficient height to receive the tube *f* when the sleeve *s* is collapsed over the lamp *l*.

The device is made of a shape and size to be conveniently carried in the owner's pocket, and the receptacle *a*, which is shown as being filled with a liquid such as tea or coffee, may be otherwise shaped so as to contain other articles of food.

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

1. A lunch-heater, comprising the combination with a lamp-bowl, said bowl having a projecting and communicating tube provided with means for closing it, of a receptacle having a depending sleeve supplied with ventilating orifices and adapted to fit closely and removably over said bowl, and said receptacle and said sleeve having a passage extending from the interior of the sleeve to the exterior of the receptacle adapted to receive and contain the said projecting tube, and means for removably securing said sleeve to said bowl.

2. A lunch-heater, comprising the combination with a lamp-bowl, said bowl having a projecting and communicating tube provided with means for closing it, of a recep-

tacle having a depending sleeve supplied with ventilating orifices and adapted to fit closely and removably over said bowl, and said receptacle and said sleeve having a passage extending from the interior of the sleeve to the exterior of the receptacle adapted to receive and contain the said projecting tube, means for spacing said receptacle a certain distance apart from said bowl, and means for removably securing said sleeve to said bowl.

Signed at Waterloo, Iowa this 5th day of Mch. 1907.

CORNELIUS C. BUREN.

Witnesses:
H. M. HARPER,
G. C. KENNEDY.