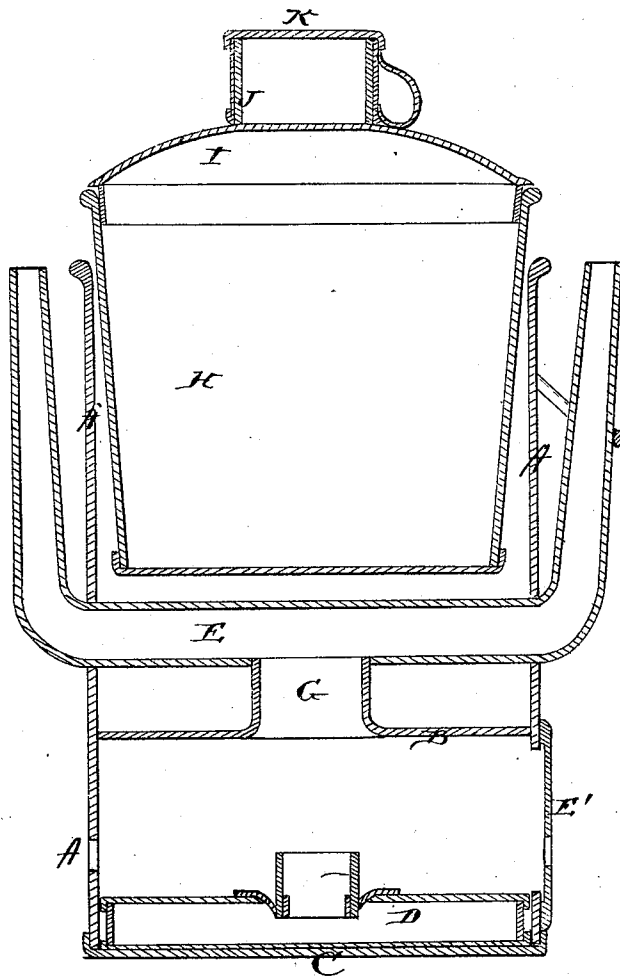


L. K. WILLIAMS.

Improvement in Dinner Pails.

No. 123,963.

Patented Feb. 20, 1872.



Witnesses:

Francis L. Curran
C. L. Evers

Inventor

Levi K. Williams
per Alexander M. Mott
Attorneys.

UNITED STATES PATENT OFFICE.

LEVI K. WILLIAMS, OF HUDSON, MICHIGAN.

IMPROVEMENT IN DINNER-PAILS.

Specification forming part of Letters Patent No. 123,963, dated February 20, 1872.

To all whom it may concern:

Be it known that I, LEVI K. WILLIAMS, of Hudson, in the county of Lenawee and in the State of Michigan, have invented certain new and useful Improvements in Dinner-Kettles; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of a "dinner-pail," as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, which represents a longitudinal vertical section of my dinner-pail.

A represents the body of the pail or kettle, provided with two bottoms, B and C, leaving a sufficient space between them for the insertion of a spirit-lamp, D. The body A, between the bottoms B C, is perforated, and provided with a door, E', for the insertion and removal of the lamp D. The portion of the pail above the bottom B is intended for coffee or other liquid, and a horizontal tube, E, leads through the same, with a short tube, G, from said tube E to and through the center of the bottom B, so

that the heat from the lamp may pass up through the liquid and heat the same. The ends of the horizontal tube E pass through the sides of the pail, and are then turned upward, so as to allow the gases from the lamp to escape. In the top of the pail A is inserted the chamber H, for holding the bulky part of the dinner, which also becomes heated by the steam from the liquid below. The chamber H is covered by a lid, I, having a central upward-projecting rim or collar, J, upon which the cup K is placed.

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

1. The combination of the pail A with bottoms B C, lamp D, and tubes E G, all constructed and arranged substantially as and for the purposes herein set forth.

2. The within-described dinner-pail, consisting of the body A, bottoms B C, lamp D, tubes E G, chamber H, lid I, and cup K, all constructed and arranged substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 19th day of December, 1871.

LEVI K. WILLIAMS. [L. S.]

Witnesses:

A. R. SMART,
W N. SMART.