

A. C. MUMLER.  
Sad-Iron Heaters.

No. 133,112.

Patented Nov. 19, 1872.

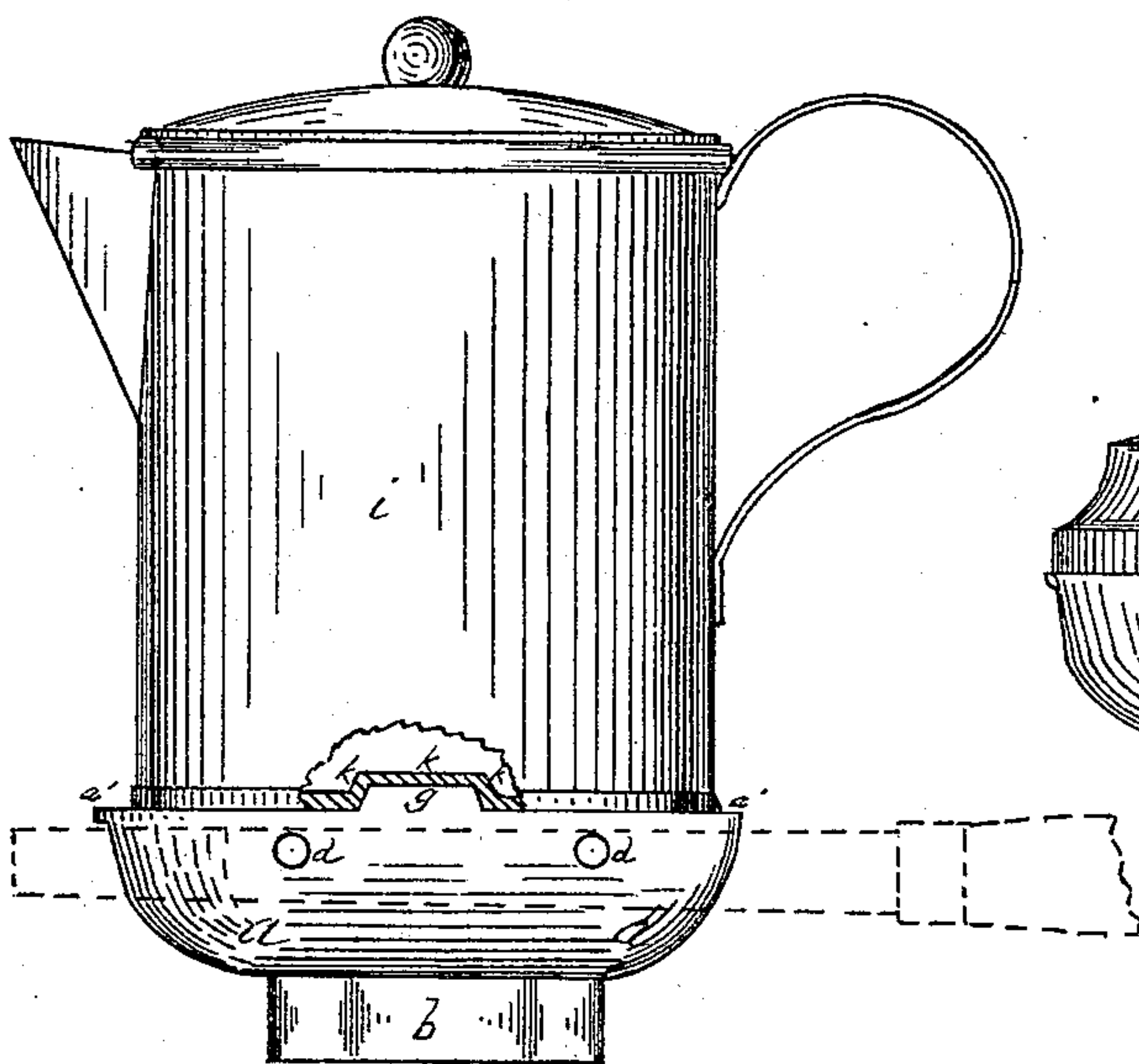


Fig. 2

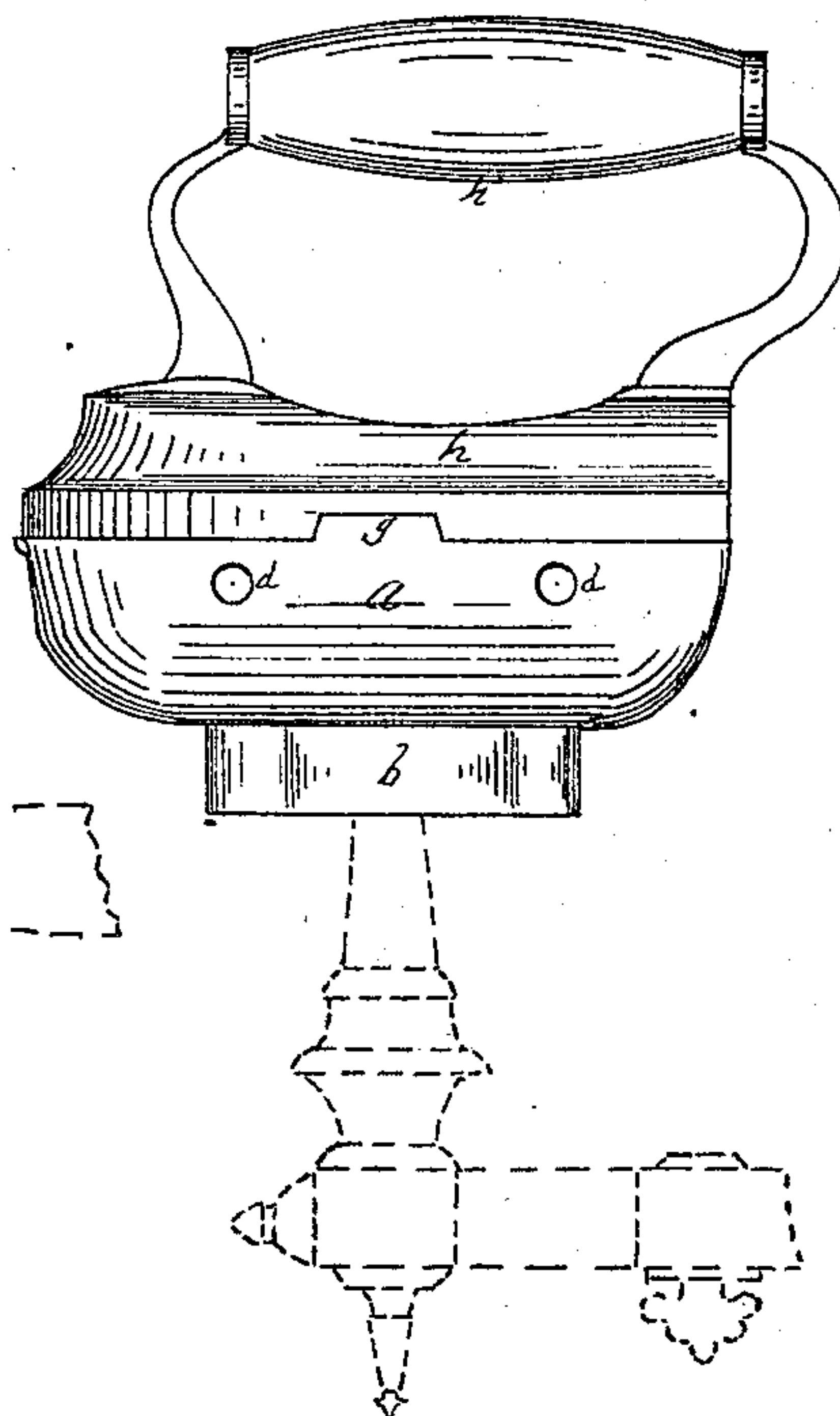


Fig. 1

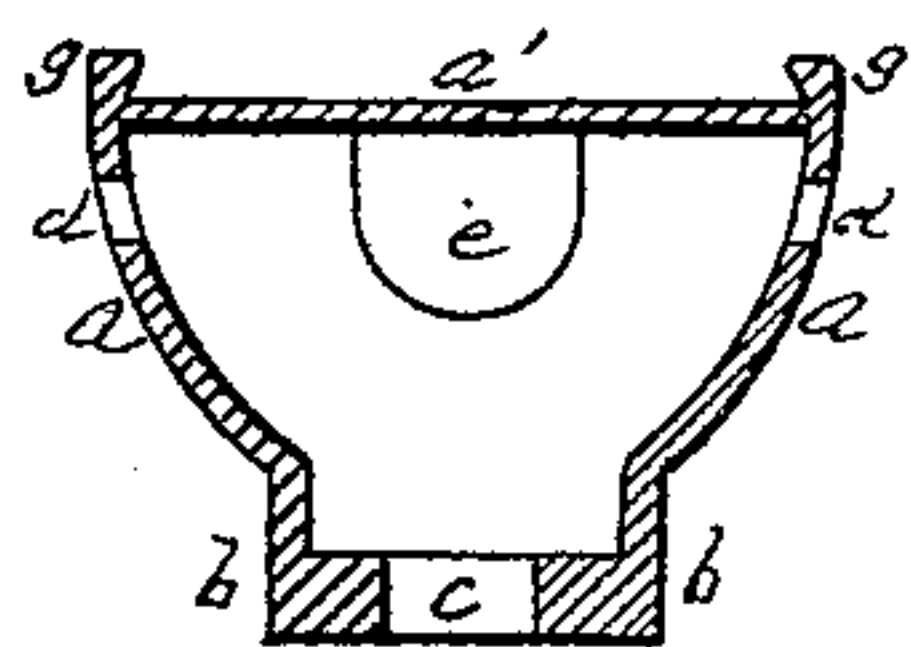


Fig. 4.

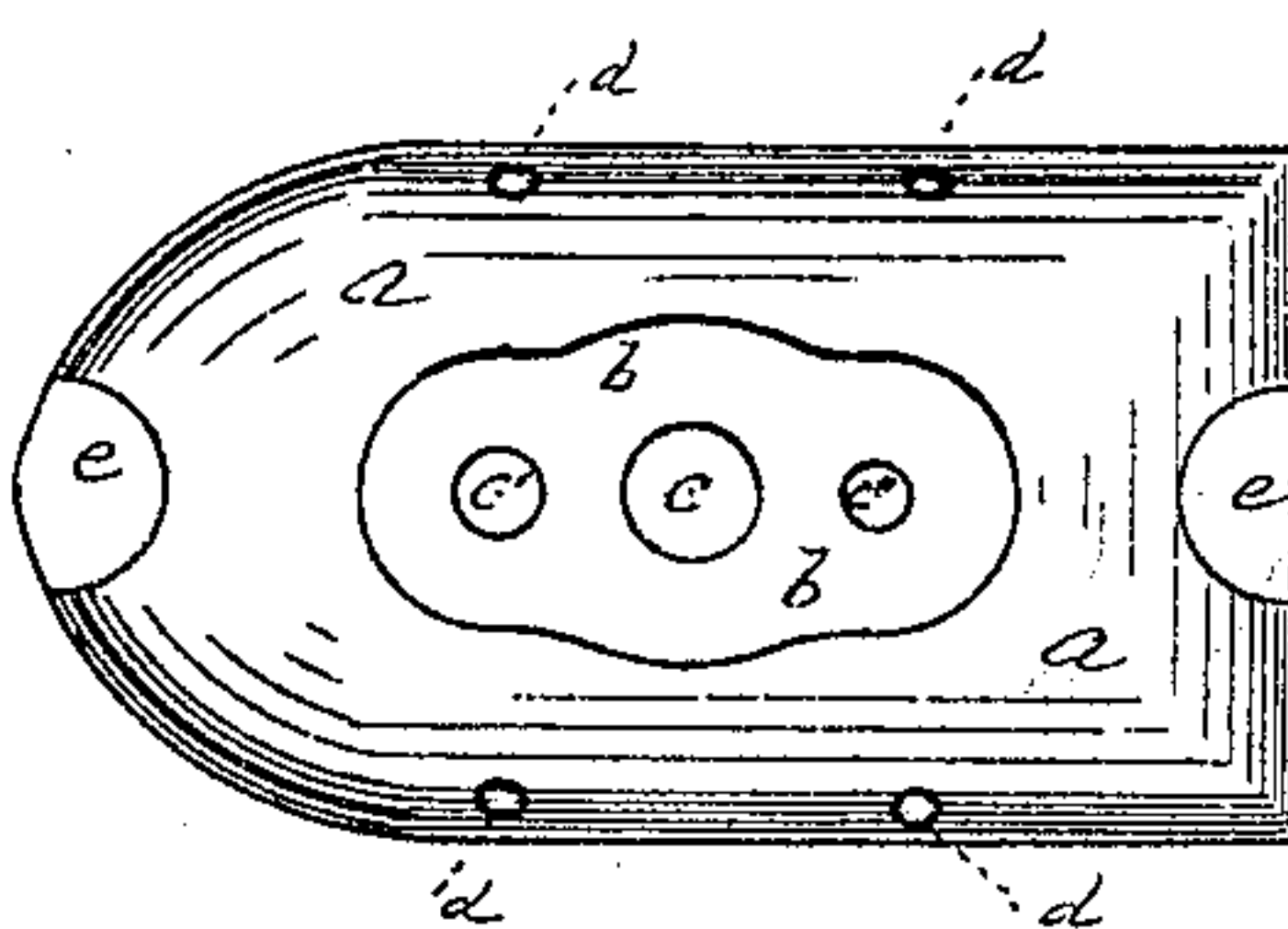


Fig. 3

WITNESSES.

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Andrew C. Mumler.

By his Attys

*Henry W. Williams & Co.*

# UNITED STATES PATENT OFFICE.

ANDREW C. MUMLER, OF CHARLESTOWN, MASSACHUSETTS, ASSIGNOR OF  
ONE-HALF HIS RIGHT TO WILLIAM L. ANDERSON, OF SAME PLACE.

## IMPROVEMENT IN SAD-IRON HEATERS.

Specification forming part of Letters Patent No. 133,112, dated November 19, 1872.

*To all whom it may concern:*

Be it known that I, ANDREW C. MUMLER, of Charlestown, in the county of Middlesex and State of Massachusetts, have invented an Improved Heating Apparatus for toilet purposes, &c., of which the following is a specification:

My invention relates to a hollow heater to be used upon a gas-burner, the flame being in the inside of the heater, the said heater being so arranged as to heat small flat-irons, crimping-irons, fluting-irons, vessels for holding water, &c., and having an arrangement by which curling-irons can be quickly and easily heated, all of which is fully described below.

In the accompanying drawing, Figure 1 is a side elevation of the heater when in use; a flat-iron is being heated, and the gas-burner is represented by broken lines. Fig. 2 represents the heater with a vessel for holding water placed upon it. A portion of the vessel is represented as being broken out, in order to show the method of securing the same to the heater. The position of a curling-iron is represented by broken lines. Fig. 3 is a view of the under side of the heater. Fig. 4 is a transverse section of the same.

Similar letters of reference indicate corresponding parts.

*a* is the body of the heater. *a'* is the upper surface of the same, upon which are placed the flat-iron, &c. *b* is the base of the heater, into which is thrust the gas-burner. *c c' c''* are openings of different sizes, intended to accommodate larger and smaller burners. In Fig. 1 the burner is represented as entering the opening *c*. *d d d d* are openings leading from the exterior to the interior of the heater *a*, and intended to provide a draft of air for the flame within the heater. Without these openings the flame could not be relied upon as giving a steady heat, especially when the curling-iron is being warmed. *e e* are openings in each end of the heater *a*, intended to receive a curling-iron. (See broken lines, Fig. 2.) By drawing it out and in all portions may be heated.

*g g* are projections or shoulders, one upon each side of the heater, and inclining slightly toward each other. The flat-iron *h* is slid between the said shoulders when placed upon the heater. The shoulders *g g* prevent its sliding sidewise, and the heater can be lifted and removed by means of the flat-iron *h*, if desired, owing to the shape and inclination of the shoulders. This is convenient when the heater is too hot to remove with the hands. *i* is a vessel for holding water or other liquid. The bottom of the vessel *i* is struck up in a die on each side *k* to fit into or upon the shoulders *g g*. This makes the vessel perfectly safe, and almost impossible to knock over or off the heater.

Crimping and fluting irons can be easily constructed and arranged to fit upon the heater.

The value of my invention lies principally in its convenience and cheapness. The cost is within the means of all. It is designed especially for use in chambers of private houses and apartments in boarding-houses, hotels, &c., where access to a stove is not always to be had. As any liquid can be heated, it is valuable in the nursery for heating milk, &c. The fashion now prevailing of curling and crimping the hair of ladies opens another field for its use. And many other uses might be mentioned, such as smoothing gentlemen's hats, ironing laces, &c.

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

1. The heater *a* provided with the shoulders *g*, which act as guides and clamps for a sad-iron, as and for the purposes set forth.

2. The vessel *i*, adapted to be used with the heater *a*, the said vessel having indentations in its bottom intended to fit over the shoulders *g*, as and for the purposes hereinbefore specified.

ANDREW C. MUMLER.

Witnesses:

H. W. WILLIAMS,  
W. L. ANDERSON.