

Benjamin T. Babbitt. Steam Heated Sad-iron.

No. 120,480.

Patented Oct. 31, 1871.

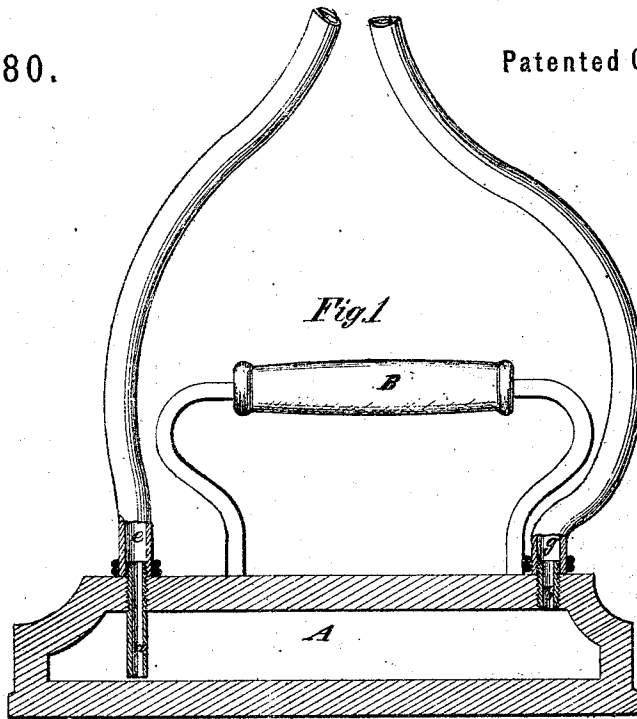
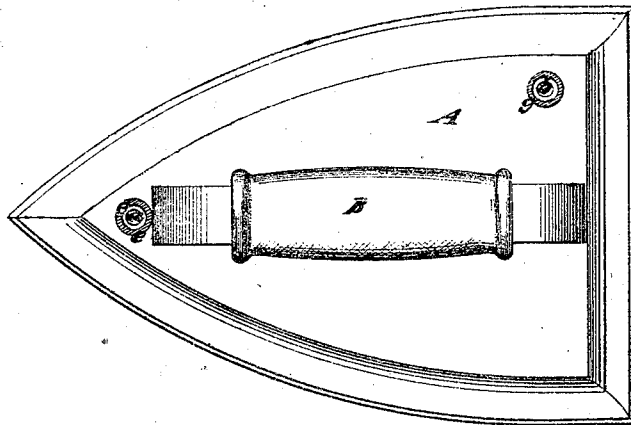


Fig. 2



Witnesses.
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UNITED STATES PATENT OFFICE.

BENJAMIN T. BABBITT, OF NEW YORK, N. Y.

IMPROVEMENT IN SAD-IRON HEATERS.

Specification forming part of Letters Patent No. 120,480, dated October 31, 1871; antedated October 18, 1871.

To all whom it may concern:

Be it known that I, BENJAMIN T. BABBITT, of the city, county, and State of New York, have invented a new and useful Steam-Heated Sad-Iron; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing forming part of this specification.

This invention consists in a sad-iron having a hollow body provided with two nozzles, to each of which a flexible pipe is attached, one communicating with a steam-boiler, and the other being an eduction-pipe by which the steam is conducted from the body of the iron either directly to the atmosphere or to any suitable receptacle.

In the accompanying drawing, Figure 1 is a longitudinal section of a sad-iron made according to my invention, and Fig. 2 is a plan of the same.

Similar letters of reference indicate corresponding parts in both figures.

A is the body of the sad-iron, which is hollow throughout, and is provided at the top with two nozzles, *a* and *b*, which communicate with its interior cavity. The induction-nozzle *b* need have no internal projection within the body, but projects sufficiently above to permit the attachment

to it of a flexible induction-pipe, *g*, which communicates with a steam-boiler. The eduction nozzle *a* projects above the body for the connection of a flexible eduction-pipe, *e*, and also extends downward nearly to the bottom of the cavity of the body, so that if any steam condenses therein the water thus formed, which would, of course, fall to the bottom of the body, will be forced out by the pressure of the steam on its surface. The handle B of the iron is cast with or otherwise rigidly secured to the body A.

By my steam-heated sad-iron the necessity for constantly changing the irons, as is necessary with those now in use which are heated over a fire, is obviated, so also is the danger of scorching the clothes by contact of the iron therewith.

What I claim as my invention, and desire to secure by Letters Patent, is—

The iron having a hollow body, A, and provided with nozzles *b* and *a* or analogous connections for flexible steam and eduction-pipes, substantially as and for the purpose herein set forth.

B. T. BABBITT.

Witnesses:

JOHN M. SCRIBNER, Jr.,
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(91)