

H. W. SEAMAN.

Improvement in Sad Iron Heaters.

No. 123,581.

Patented Feb. 13, 1872.

Fig. 1.

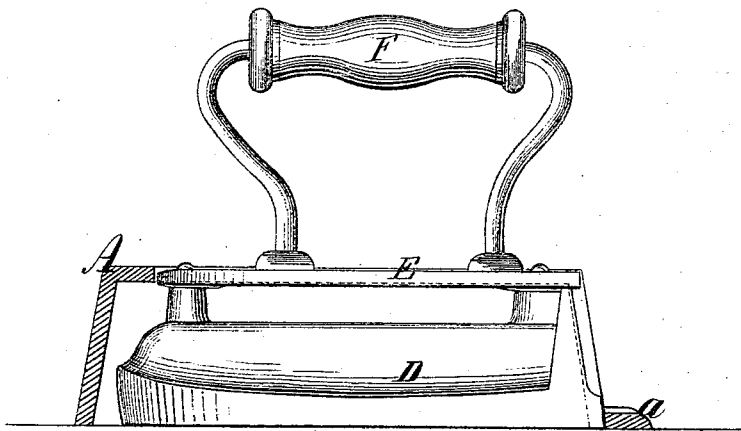
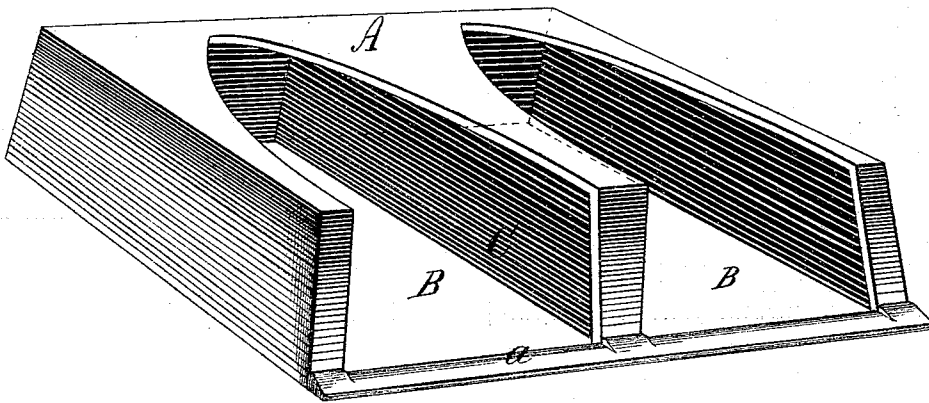


Fig. 2.



Witnesses.

A. Ruppert
E. W. Minter

H. W. Seaman

Inventor

D. P. Holloway & Co
Atty

UNITED STATES PATENT OFFICE.

HORACE W. SEAMAN, OF MILLPORT, NEW YORK.

IMPROVEMENT IN SAD-IRON HEATERS.

Specification forming part of Letters Patent No. 123,581, dated February 13, 1872.

Specification describing a certain Improvement in Combined Sad-Iron and Heater, invented by HORACE W. SEAMAN, of Millport, in the county of Chemung and State of New York.

The nature of this invention consists in the construction of an open-chambered case to be placed on a heating-stove or range, and adapted to receive in each of its cells or chambers a sad-iron, the latter being constructed with a deflecting plate above and at the rear end of the iron proper, which deflecting plate fits the opening in the top plate and one side of the heating-case, and thus closes it against the escape of the hot air in it whenever an iron is inserted; the object being the heating of sad-irons at a less expenditure of fuel.

Figure 1 is a transverse section through the heating-case, showing a sad-iron with a deflector inserted in one of its cells. Fig. 2 is a perspective view of the heating-case, showing it as constructed with two cells or chambers.

The same letters are used in both figures in the designation of identical parts.

The heating-case A may be made of cast or wrought-iron, as preferred, and with any desired number of cells or chambers, B B, which are separated by suitable partitions C. The case has an open bottom, and in each cell an opening is formed in its top plate, and one of its side plates corresponding in outline to the deflecting plate E e of the sad-iron D, so that when the latter is inserted in a cell of the case its deflecting plate will entirely close up the opening in the top and side plates of that par-

ticular cell, and prevent the exit of the hot air which is instead caused to circulate around the iron proper. By thus confining the hot air the iron can be heated to the proper degree in a much shorter space of time than where it is placed upon the top of the heating-stove exposed and without any surrounding case. A bar, a, may be formed at the base along the open ends of the cells connecting the entire series, as shown, and strengthening the structure or device. The deflecting plate E is parallel to the top of the iron proper D, and supported on standards a short distance above it, and the plate e simply serves to close the open space between the iron D and plate E at the rear end, as shown, to prevent the escape of air from the case at that point when the iron is inserted in it. The handle F is secured to the plate E by curved rods in the usual manner.

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

The heating-case A, constructed as described, and used in connection with a sad-iron, D, the deflector E e of which closes the opening in a chamber or cell of the case when the sad-iron is inserted, substantially as and for the purpose set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

H. W. SEAMAN.

Witnesses:

FRANCIS MORGAN,
PORTER HILL.