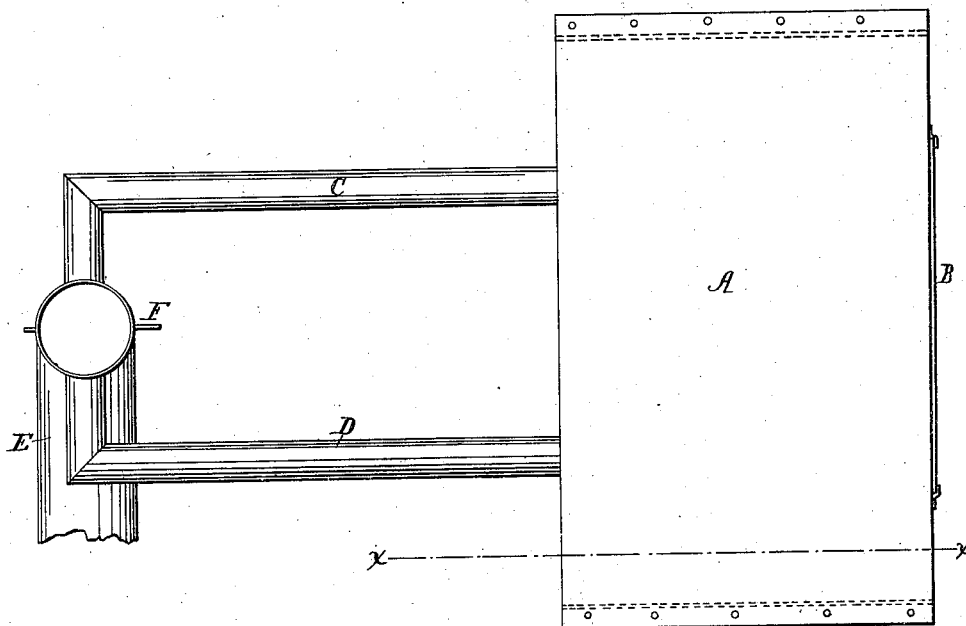
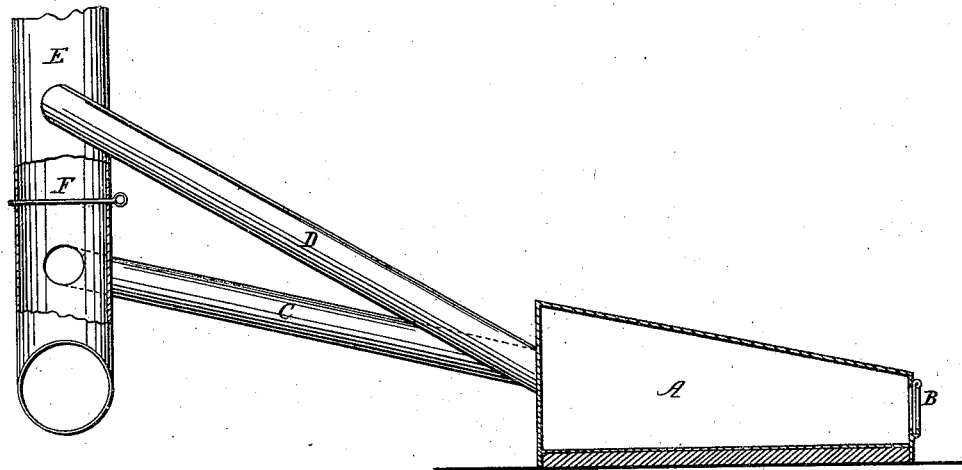


J. H. Parsons
Foot Warmer.

N^o 52,593.

Patented Feb. 13, 1866.



Witnesses.

Wm. A. Spring
Wm. Chubb

Inventor.

J. H. Parsons
per J. H. Parsons
Attorney.

UNITED STATES PATENT OFFICE.

J. H. PARSONS, OF QUINCY, MICHIGAN.

FOOT-WARMER.

Specification forming part of Letters Patent No. 52,593, dated February 13, 1866.

To all whom it may concern:

Be it known that I, J. H. PARSONS, of Quincy, in the county of Branch and State of Michigan, have invented a new and useful Improvement in Foot-Warmers; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side view, partly in section, through the line *x x*, Fig. 2, of my improved warmer. Fig. 2 is a top view of the same.

Similar letters of reference indicate corresponding parts.

The object of my invention is to furnish a foot-warmer by means of which the feet may be warmed conveniently without danger of burning the soles of the boots or shoes while warming the feet; and it consists of a box or drum resting on the floor of the room and connected with the stove-pipe by small pipes, as hereinafter more fully described.

I make the bottom and ends of the warmer A of wood, and line them on the inside with sheet-iron. The top and side of the warmer I make of sheet-iron. In the front side of the warmer I form an opening, which may be closed by a cap or sliding door, B. Through this opening the warmer may be cleaned out

when necessary. In the back side of the warmer A, I form two holes for the attachment of two small pipes, C and D. These pipes lead from the warmer A to the stove-pipe E, which they enter, the one a little higher up than the other, so as to leave sufficient space between the openings through which they enter the said pipe E for a damper, F. The box or drum A may be made of any desired shape or size, and the pipes C and D should be so large as to convey enough heated air to the warmer to heat it sufficiently. When used the drum or box A of the warmer is placed upon the floor and connected with the pipe E by the pipes C and D.

By turning the damper F the heated air is made to enter the lower pipe, C, pass through said pipe to the drum or box A, which it heats; thence it passes through the pipe D to the stove-pipe E, above the damper F.

I claim as new and desire to secure by Letters Patent—

A foot-warmer formed by connecting the drum or box A of the warmer with an ordinary stove-pipe by means of the small pipes C and D, substantially as described, and for the purpose set forth.

J. H. PARSONS.

Witnesses:

O. F. WILLIAMS,
G. O. BAILEY.