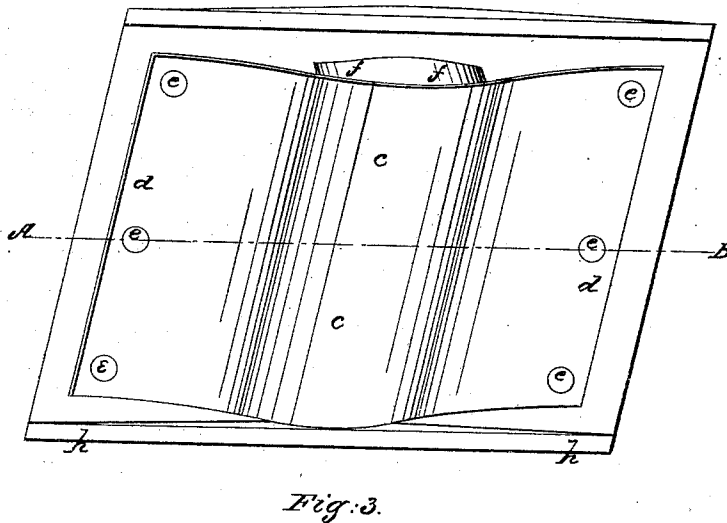
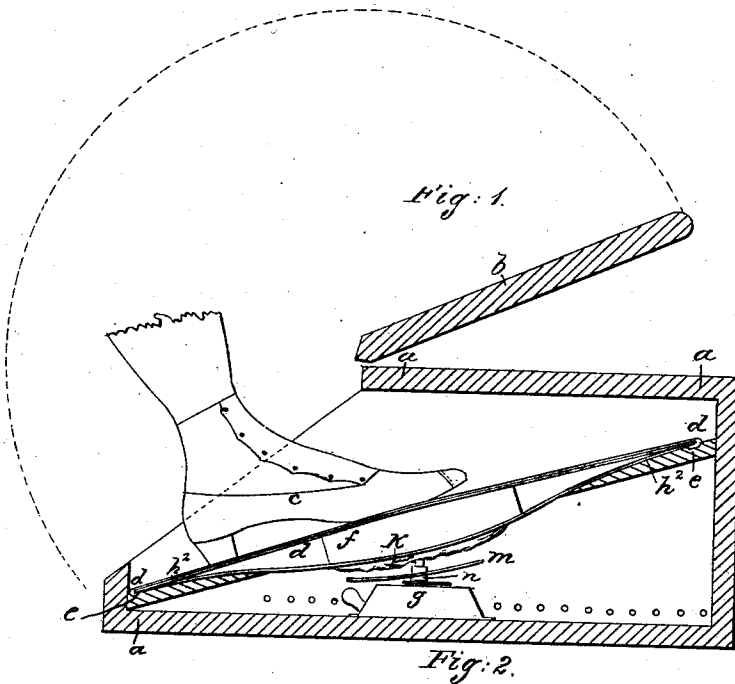


S. ACKLEY.

Foot Stove.

No. 38,271.

Patented April 28, 1863.



Witnesses:
J. M. H. Wilson
Chas. B. Reys.

Inventor,
Sterling Ackley
Somes & Brown
attorneys

UNITED STATES PATENT OFFICE.

STERLING ACKLEY, OF HUDSON, MICHIGAN.

IMPROVEMENT IN FOOT-STOVES.

Specification forming part of Letters Patent No. 38,271, dated April 28, 1863.

To all whom it may concern:

Be it known that I, STERLING ACKLEY, of Hudson, in the county of Lenawee, in the State of Michigan, have invented a new, improved, and useful Foot-Warmer or Foot-Stove; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and the letters of reference marked thereon.

The nature of my invention consists in its being so arranged as to retain within the frame or box, except what shall pass out over the rim and upper end of the foot-table, all the heat of the flame of the lamp, and also to keep the flame of the lamp from an immediate or direct contact with the feet by making the foot-table of two pieces of metal, and so arranging them in an elliptical shape or form as to let only the heated air pass between the two pieces of metal. It has also the advantage of being portable, as it is to be heated by a lamp.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction.

Figure 1 is a cross-sectional view through A and B, Fig. 2. Fig. 2 is a top view of the foot-table. Fig. 3 is a sectional end view of the foot-table on A and B, Fig. 2.

a a a is the frame or box of a foot-warmer or foot-stove, in the sides and back of which are a series of small holes just above the upper surface of the bottom board of the frame and below the foot-table, through which the air can pass into the interior of the frame, to support the combustion of the flame of the lamp, and to be heated, thus producing warmth to the feet.

b is a door or lid to the frame, opening for the purpose of admitting or allowing the foot or feet to be placed on the table *d d*, and for the purpose of allowing the lamp to be prepared for use.

d d is a foot-table, as seen in Figs. 1, 2, and 3, made of two sheets of metal attached together at or near to each end *e e e*, and kept open in an elliptical shape or form by studs or any other suitable device, *f f f f*, in Figs. 1, 2, 3, the under or lower sheet being shorter and narrower than the top or upper sheet, and constituting a deflector for the flame *k* and heat of the lamp *g*. The top or upper sheet is of the full width of the frame, so as to keep the heat within the frame and between the two sheets of metal of which foot-table *d d* is made, the under sheet being less in width than the upper, so that the heat can pass between the two, the upper and lower sheets, and so also that on the under surface and outer edge of the upper sheet a stay or bearing, *h h*, can be attached, made to rest on a corresponding stay or bearing attached to the frame, as seen in Fig. 1, *h² h²*, in an angular position. The upper surface of the foot-table may be covered with carpeting.

g is a lamp held in position by slides attached to the bottom or floor of the frame, so arranged as to allow of its removal, that it may be trimmed and prepared for use. The lamp has a curved reflector, *m*, of sheet-metal, that can be burnished, attached to the wick-tube of the lamp by a thimble on the under side of the reflector *m*.

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

A foot-table, *d d*, of a foot warmer or stove, constructed substantially in manner as and for the purpose described.

In witness that I claim the foregoing, I have hereunto set my hand.

STERLING ACKLEY.

In presence of—

WM. F. B. SCHERMERHORN,
JOHN C. SCHERMERHORN.