No. 629,944. Patented Aug. 1, 1899.

D. H. WITMER.

BOOT DRIER.

(Application filed Dec. 9, 1898.)

(No Model.)

Fig. 1.

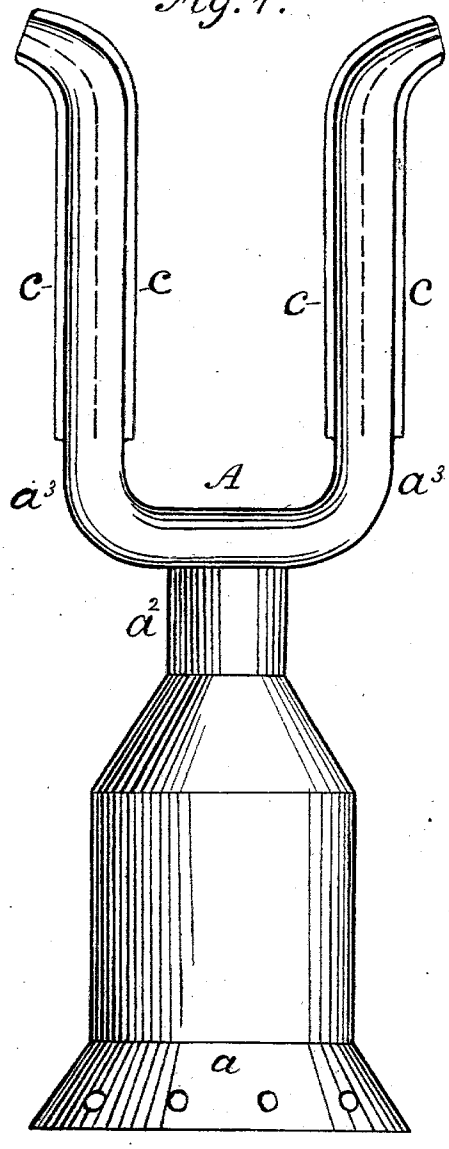


Fig. 2.

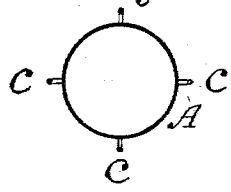
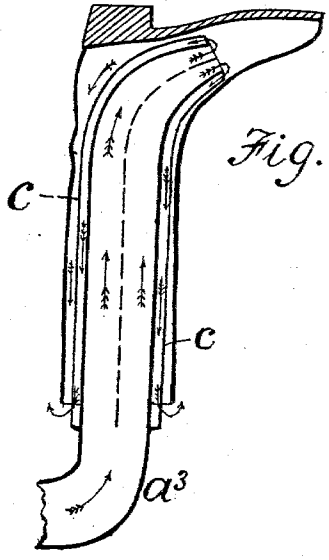


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

DANIEL H. WITMER, OF CHRISTIANA, PENNSYLVANIA.

BOOT-DRIER.

SPECIFICATION forming part of Letters Patent No. 629,944, dated August 1, 1899.

Application filed December 9, 1898. Serial No. 698,758. (No model.)

To all whom it may concern:

Be it known that I, DANIEL H. WITMER, a citizen of the United States, residing at Christiana, in the county of Lancaster and State of Pennsylvania, have invented certain new and useful Improvements in Boot or Shoe Driers and Warmers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The special object of the invention is to make a heater over which boots or shoes may be conveniently drawn in order to dry and warm the inside thereof.

All boots and shoes are liable to become damp on the interior, and this is especially true of gum and felt boots, while it is very difficult to remove this dampness without burning or injuring the leather. It is also very important before going out into the cold to have the boots or shoes made comfortably warm as well as dry if a person has due regard to health.

Figure 1 of the drawings is an elevation showing in vertical section my boot and shoe drier and warmer; Fig. 2, a cross-section of one of the pipes, and Fig. 3 a vertical section of a pipe with a boot arranged thereon.

In the drawings, A represents my boot or shoe drier and warmer, which has the flared portion a at the bottom to adapt it to sit conveniently over a lamp or on a stove or over a register. From the neck a^2, at a suitable distance apart, extend up from the body of the heater two pipes a^3, curved outwardly from one another at the top to receive the boot or shoe, as shown in Fig. 3 of the drawings. These pipes penetrate nearly to the toe and are open at the upper as well as at the lower ends, while they carry on the outside a fender or a series of wires arranged in a circle about them. These wires prevent the leather from coming in contact with the pipes and leave an open space between them and the pipes for the passage of the hot air. The hot air thus passes up through the pipes and down between the leather and the pipes, giving out its heat as it passes in both directions.

I am aware that heaters for boots, shoes, and stockings are not new and that they are in general structure similar to mine; but

What I claim as new is—

A sheet-metal boot and shoe warmer, having a body with the perforated flare a at the lower part, the neck a^2 on the upper part, a bifurcated tube a^3 communicating, at its middle, with said neck, and a wire fender around the tube a^3 as shown; whereby the warming may be done over a lamp without permitting the pipes to contact with the leather, as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

DANIEL H. WITMER.

Witnesses:

GEO. WHITSON,

H. C. WITMER.