(No Model.)

R. MEREDITH.

MEANS FOR DRYING RUBBER BOOTS.

No. 314,460. Patented Mar. 24, 1885.

Fig. 1.

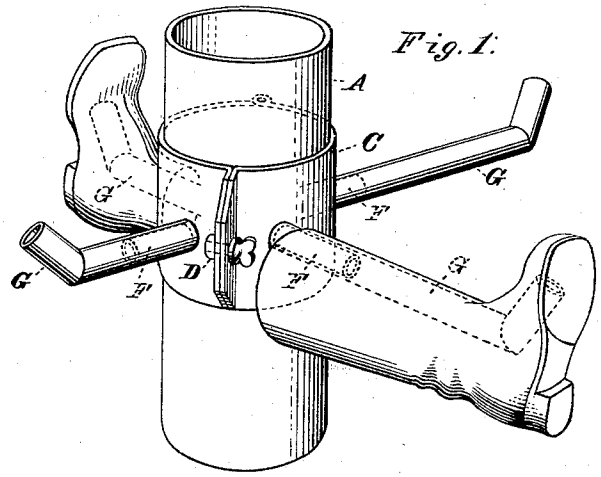


Fig. 2.

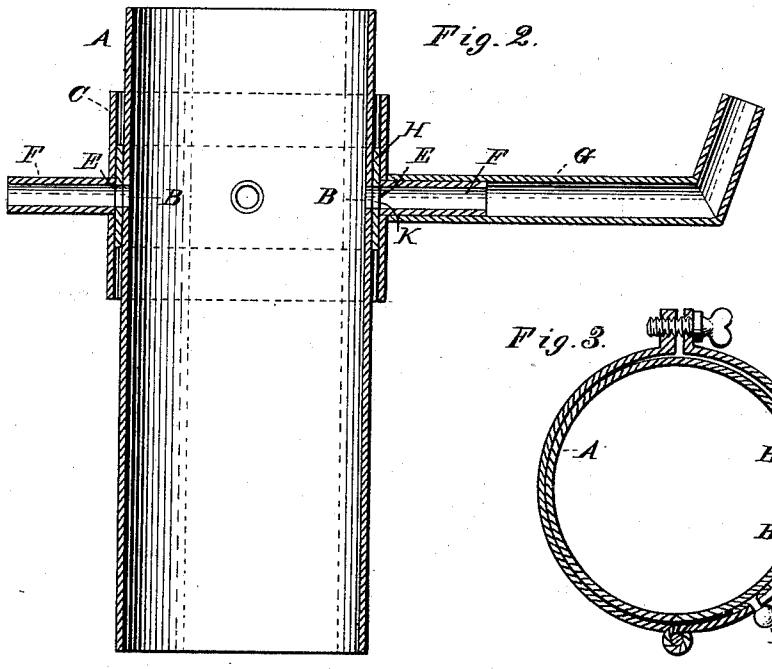


Fig. 3.

WITNESSES

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UNITED STATES PATENT OFFICE.

ROBERT MEREDITH, OF LYNNVILLE, IOWA.

MEANS FOR DRYING RUBBER BOOTS.

SPECIFICATION forming part of Letters Patent No. 314,460, dated March 24, 1885.

Application filed April 10, 1884. (No model.)

To all whom it may concern:

Be it known that I, ROBERT MEREDITH, a citizen of the United States, residing at Lynnville, in the county of Jasper and State of Iowa, have invented certain new and useful Devices for Drying Rubber Boots; 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 letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of this invention, and is a perspective view. Fig. 2 is a vertical section of the same. Fig. 3 is a cross-section, the band showing but two pipe projections.

This invention has relation to improvements in devices for drying rubber boots, shoes, and other articles; and it consists in the construction and novel arrangement of parts, as will be hereinafter more fully set forth, and particularly pointed out in the claim appended.

In the accompanying drawings, illustrating this invention, the letter A designates the stove-pipe, and B B are openings made in the wall of the same.

C indicates a band which is preferably made in two sections, and is designed to pass around the stove-pipe, its ends being connected by a fastening, D. A screw-fastening will serve excellently well for this purpose, as it provides means for drawing the band as closely to the stove-pipe as may be desirable, in order that it shall keep its position thereon. In this band are made openings E, which correspond in position to the openings B in the stove-pipe. From the openings E extend outwardly or radially tubular projections F, on which are seated the hollow draft arms or tubes G, the ends of which are bent upward.

H represents a valve-plate having openings K, which correspond in size and position to the openings in the band. This valve-plate is located between the band and the stove-pipe, and is movable sufficiently to close the openings in the stove-pipe, either partially or wholly, when necessary. The valve-plate can be moved by means of a projecting lug, L, to let on or cut off the draft through the hollow arms into the stove-pipe. When a boot is placed on one of the arms G, the upwardly-bent end of said arm extends upward into the toe of the boot. The warm air rising above the stove-pipe is drawn into the boot, and passes entirely up into the toe portion, where it passes into the hollow arm and through the same into the stove-pipe.

The position of the arms G may be varied, if desired.

In addition to its advantages as a means for drying, this device forms an excellent ventilator.

Having described this invention, what I claim, and desire to secure by Letters Patent, is—

The combination, with a perforated stove-pipe, of a stove-pipe band, C, having openings corresponding to the perforations in the stove-pipe, and provided with tubular projections F, hollow bent arm G, seated on the tubular projections, and a valve-plate adapted to regulate the draft, substantially as specified.

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

ROBERT MEREDITH.

Witnesses:

J. R. DAVIS,

C. R. DIXON.