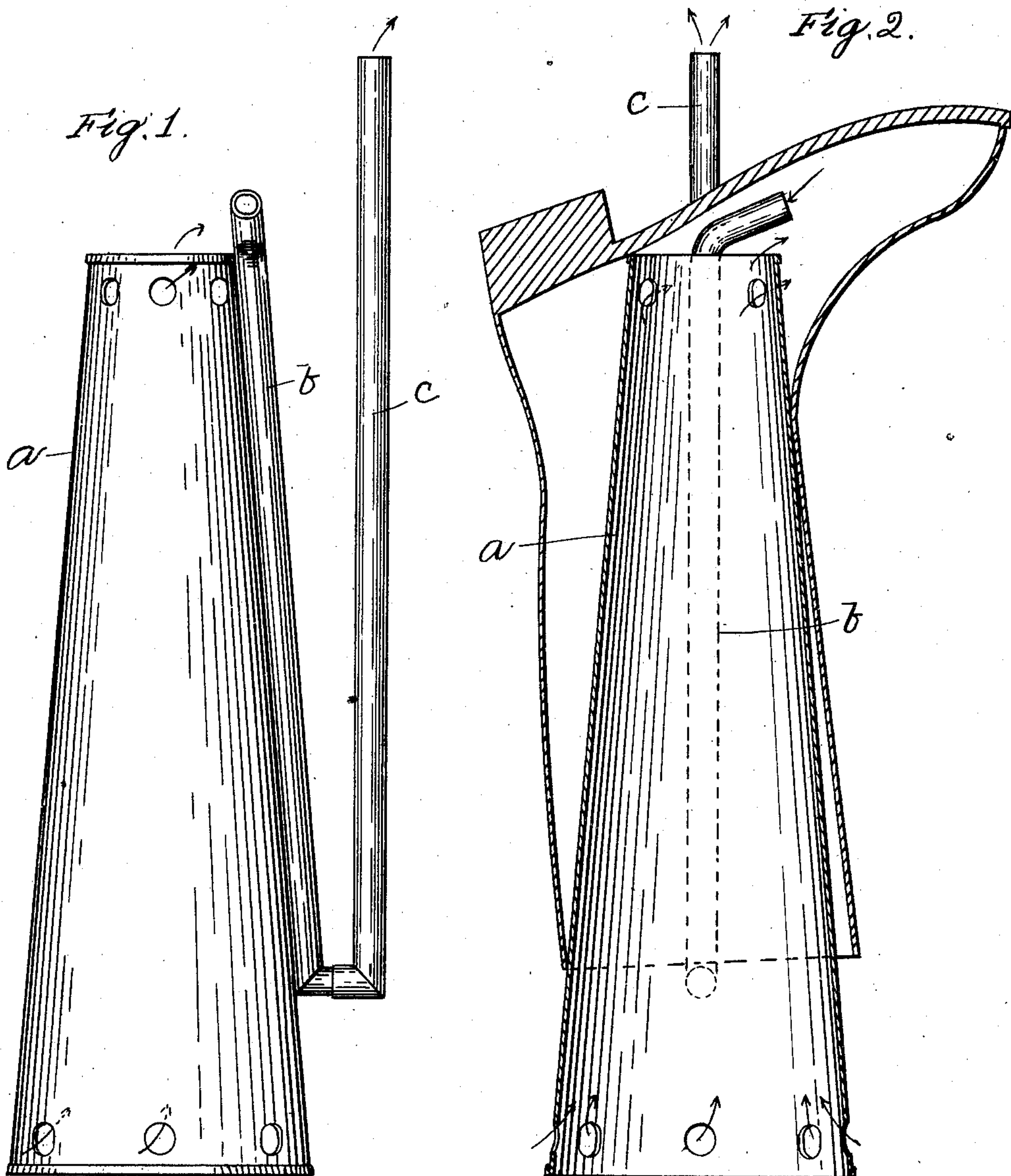


No. 859,514.

PATENTED JULY 9, 1907.

S. B. PEABODY.
BOOT DRYING APPARATUS.
APPLICATION FILED APR. 2, 1907.



Witnesses:
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UNITED STATES PATENT OFFICE.

SHERMAN B. PEABODY, OF MANSONVILLE, QUEBEC, CANADA.

BOOT-DRYING APPARATUS.

No. 859,514.

Specification of Letters Patent.

Patented July 9, 1907.

Application filed April 2, 1907. Serial No. 366,044.

To all whom it may concern:

Be it known that I, SHERMAN B. PEABODY, of Mansonville, county of Brome, Province of Quebec, Dominion of Canada, have invented an Improvement in
5 Boot-Drying Apparatus, of which the following description, in connection with the accompanying drawings, is a specification, like characters on the drawings representing like parts.

Rubber boots, overshoes and similar foot wear are
10 usually lined with textile material of some description and when wet inside, a long time is required for the lining to dry, and in the case of unlined boots and shoes a long time is required to dry them out when they become wet inside.

15 This invention has for its object to provide a simple and efficient device by which a boot or shoe of any description, lined or unlined, may be dried out in case it becomes wet on the inside, the operation being quickly performed and without injury to the article.

20 The invention consists in the combination with means for supporting a boot in inverted position and for delivering heated air to the inside thereof, and means for withdrawing the heated air from the boot by suction. The means for withdrawing the heated air
25 by suction consists of a tube extending up into the boot and a tube extending up along the outside of the boot to a point above the top of the inside tube, said tubes being in open communication with each other at their lower ends.

30 The invention also consists in constructing the boot-support in such manner that it may be placed on a heated surface, as for instance, on a stove, and the heat directed up into the boot, and when coöperating with the tubes aforesaid will establish and maintain a
35 circulation of dry air into and out of the boot.

Figure 1 shows in side elevation a boot drying apparatus embodying this invention. Fig. 2 is a vertical section of the boot drying apparatus shown in Fig. 1, having arranged thereon a boot in inverted position.

40 The boot-support *a*, as herein shown, is made tubular and conical and of any suitable dimensions to receive upon it the boot to be dried, the boot being placed thereon in inverted position, as shown in Fig. 2. This support may be made of sheet metal. Its base is made
45 quite large in order that it may be placed on a flat surface and maintained in upright position. In practice it is usually placed upon a heated surface, as for instance, upon a stove, and, in such case, the heat passes up through the support into the boot. The tubular

support may have near its lower end a plurality of holes 50 for the inlet of air to assist in establishing and maintaining an upward draft, and said support may also have near its upper end a plurality of holes for the passage of the heat into the foot portion of the boot. This form of boot-support is simple to construct and very 55 efficient, as it provides for supporting the boot as well as the apparatus itself, and also provides for establishing and maintaining an upward current of air into the boot, but I do not desire to limit my invention to this form of boot-support, as it is obvious that other forms 60 of support may be constructed, adapted to support the boot in inverted position.

A tube *b* is arranged to extend up into the boot any desirable distance, but preferably beyond the top of the tubular support and another tube *c* is arranged to 65 extend up along the outside of the boot, and said tubes are connected together at their lower ends so as to be in open communication.

The inside tube *b* is connected with the support by solder, or otherwise, for the purpose of supporting it, 70 together with the outside tube which is connected with it, but said tubes may be otherwise supported so far as my invention is concerned. These tubes act to carry off the steam and heated air by suction and in connection with the tubular support to establish and 75 maintain a circulation of air into and out of the boot. The tubes may be made of sheet metal or may be otherwise formed. The outside tube *c* extends up a considerable distance above the top of the inside tube *b* in order that the heated air may be withdrawn by 80 suction.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:—

1. In a boot drying apparatus, the combination with means for supporting a boot in inverted position, of a 85 tube extending up into the boot and a tube extending up along the outside of the boot, and terminating above the top of the inside tube, said tubes being connected together and in open communication at their lower ends, substantially as described. 90

2. In a boot drying apparatus, the combination of a tubular support adapted to support a boot or other article in inverted position, and to deliver heated air to the inside thereof, a tube extending up into the boot and a tube extending up along the outside of the boot and terminating 95 above the top of the inside tube, said tubes being connected together and in open communication at their lower ends, substantially as described.

3. In a boot drying apparatus, the combination of means for supporting a boot in inverted position, and for delivering heated air to the inside thereof, a tube attached to 100

said support, and extending up into the boot and a tube extending up along the outside of the boot to a point above the top of the inside tube, which is connected at its lower end to the lower end of said inside tube by means
5 establishing open communication between them, substantially as described.

4. In a boot drying apparatus, the combination with means for supporting the boot in inverted position, of a suction pipe extending up into the boot and also up along
10 the outside from the boot to a point above the top of the

portion extending up into the boot, whereby heated air contained in the boot is withdrawn by suction, substantially as described.

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses. 15

SHERMAN B. PEABODY.

Witnesses:

B. J. NOYES,

H. B. DAVIS.