(No Model.)

# E. A. BRYANT.

## BOOT DRIER.

No. 402,137. Patented Apr. 30, 1889.

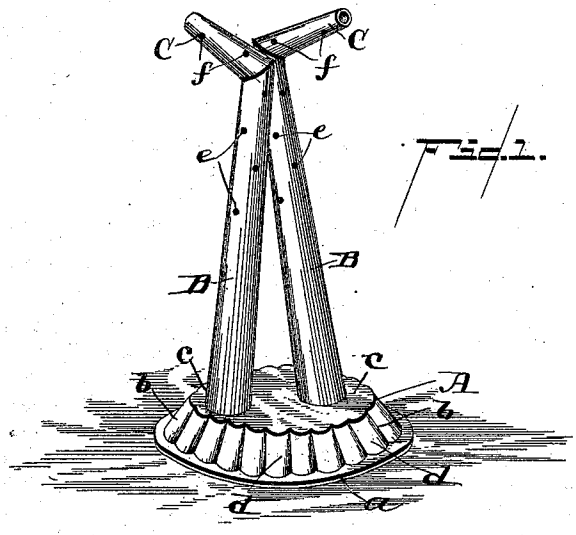



Fig. 1.

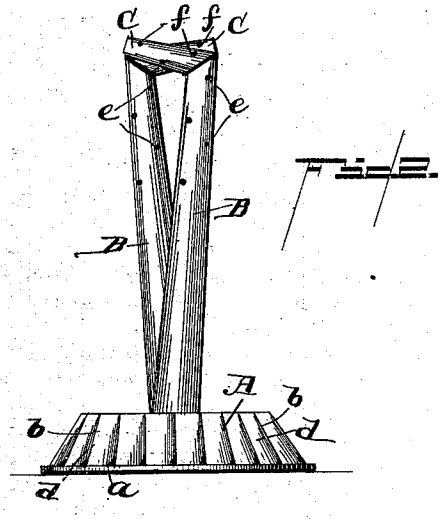



Fig. 2.

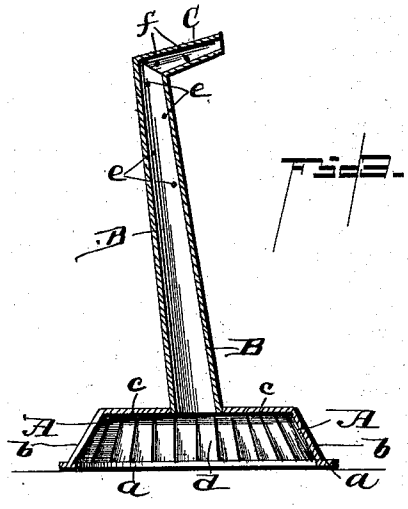



Fig. 3.

Witnesses,
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R. W. Bishop.

Inventor,
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By his Attorneys
C. A. Snow & Co.

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# UNITED STATES PATENT OFFICE.

EDMUND A. BRYANT, OF ELLICOTTSVILLE, NEW YORK.

## BOOT-DRIER.

SPECIFICATION forming part of Letters Patent No. 402,137, dated April 30, 1889.

Application filed October 6, 1887. Serial No. 251,647. (No model.)

*To all whom it may concern:*

Be it known that I, EDMUND A. BRYANT, a citizen of the United States, residing at Ellicottsville, in the county of Cattaraugus and State of New York, have invented new and useful Improvements in Boot-Driers, of which the following is a specification.

My invention relates to improvements in boot-driers; and it consists in certain novel features, hereinafter described and claimed.

In the accompanying drawings, which fully illustrate my invention, Figure 1 is a perspective view of my improved boot-drier, and Fig. 2 is a side elevation of the same. Fig. 3 is a vertical section.

Referring to the drawings by letter, A designates a base of suitable material, comprising a horizontal supporting-flange, *a*, a rim, *b*, rising therefrom, and a plate, *c*, supported by said rim. The flange *a*, rim *b*, and plate *c* are integrally connected, and the base is formed from a suitable blank by stamping or otherwise. The rim *b* is inclined slightly inward and upward, and is provided with a series of corrugations, *d*, whereby a series of flues is formed on its inner face.

B B designate two tubular standards rising from the top plate, *c*, of the base and communicating with the interior of the base through openings in the said plate, which register with their lower ends. The upper portions of these tubular standards are provided with perforations *e*, and short reversely-inclined tubes C extend from their upper ends, the said tubes C being provided with perforations *f*. The tubular standards B B are arranged on opposite sides of a line rising perpendicularly from the center of the base, and are inclined slightly away therefrom. The tubes C at the upper ends of the standards are extended inward and slightly upward, the result of this arrangement of the several parts being that the weight of the standards and the boots is distributed equally over the base, and the tipping over of the same is thereby prevented.

In practice, the boots to be dried are placed over the tubes C and the standards, the foot of the boot fitting on the tube C and the leg of the same fitting around the standards. The device is then placed on a stove, the base fitting over one of the stove-holes. The heat from the fire is then collected in the base, from which it rises through the tubular standards and escapes through the perforations therein and in the tubes C to the boots, thoroughly drying the same without burning them. The base serves as a reservoir to collect the heat, and the flues on the inner surface of the rim *b* direct it toward the tubular standards and aid in forming currents, by which the draft is increased, thereby facilitating the supplying of heat to the standards and quickening the drying of the boots.

It will be seen that my device is very simple and efficient, and its advantages, it is thought, will be readily appreciated.

I disclaim as a part of my invention the base A, adapted to be removably placed over a stove-hole, and limit myself to the location and arrangement of the reversely-inclined tubular standards rising from the base and reversely-inclined tubes at the upper ends of the standards.

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

As an improvement in boot-driers, the base A, adapted to be removably placed over a stove-hole, the reversely-inclined tubular standards rising from the base, and reversely-inclined tubes at the upper ends of the standards, as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

EDMUND A. BRYANT.

Witnesses:
CHAS. H. BLACKALL,
GEO. W. SHIPMAN.