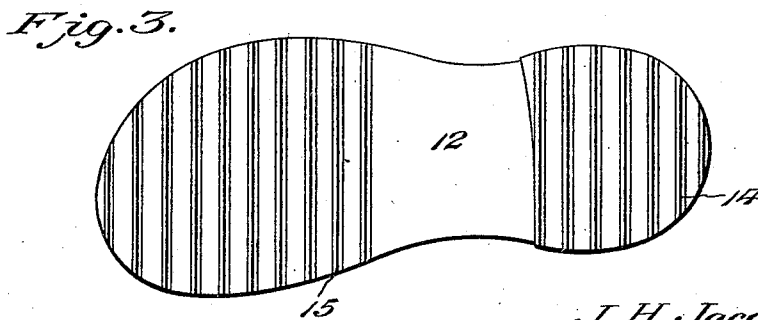
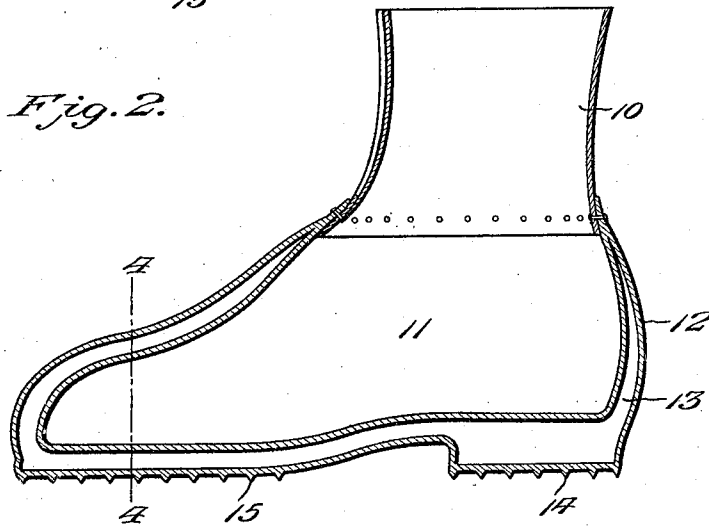
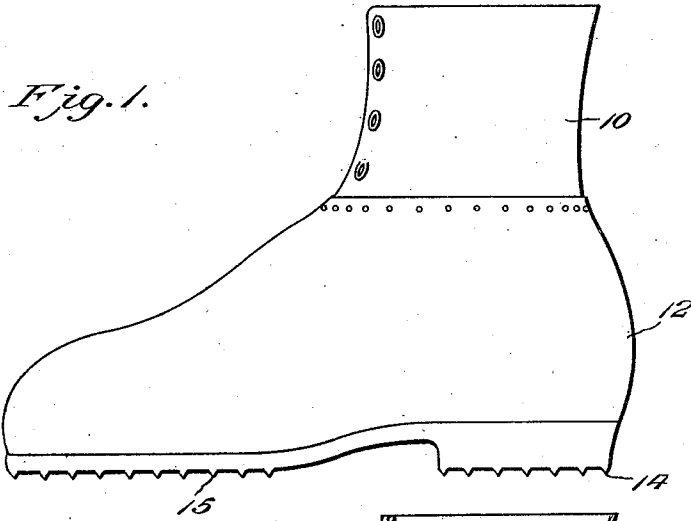


1,418,188.

J. H. JACOBS.
BOOT OR SHOE.
APPLICATION FILED JUNE 12, 1920.

Patented May 30, 1922.

2 SHEETS—SHEET 1.



Edwin L. Mcker

WITNESS:

J. H. Jacobs INVENTOR
BY *Victor J. Evans* ATTORNEY

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2 SHEETS—SHEET 2.

Fig. 4.

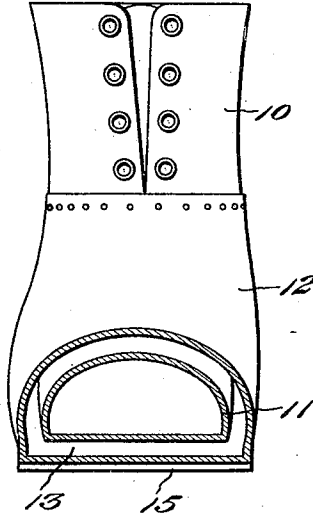


Fig. 5.

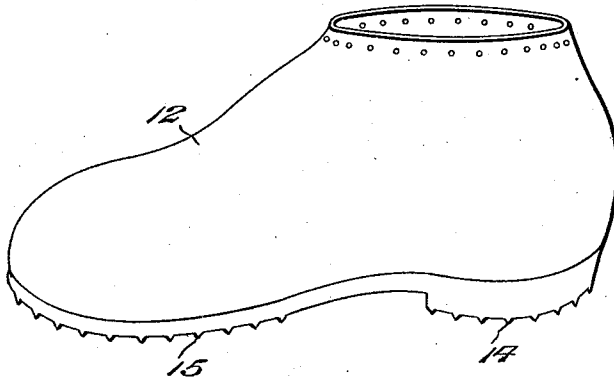
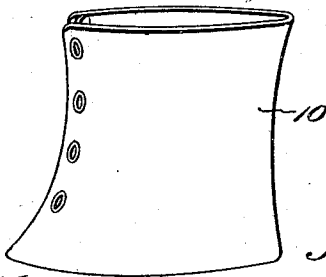


Fig. 6.



Edwin S. McKee

WITNESS:

J. H. Jacobs INVENTOR

BY *Victor J. Evans* ATTORNEY

UNITED STATES PATENT OFFICE.

JOSEPH H. JACOBS, OF MILES CITY, MONTANA.

BOOT OR SHOE.

1,418,188.

Specification of Letters Patent. Patented May 30, 1922.

Application filed June 12, 1920. Serial No. 388,568.

To all whom it may concern:

Be it known that I, JOSEPH H. JACOBS, a citizen of the United States, residing at Miles City, in the county of Custer and State of Montana, have invented new and useful Improvements in Boots or Shoes, of which the following is a specification.

The present invention has reference to metal boots or shoes.

The primary object is the production of a metal boot or shoe in which the lower part thereof is wholly enclosed in a hollow member which is spaced therefrom and which provides a vacuum chamber between the said member and the shoe proper so that the wearer will have his foot protected from excessive cold.

A further object is to produce a metal boot or shoe which will withstand hard usage, but at the same time may be worn with comfort and which will protect the foot of the wearer from influence by climatic changes.

Other objects and advantages will present themselves as the nature of the invention is better understood, reference being had to the accompanying drawings in which there is illustrated a satisfactory exemplification of the improvement reduced to practice.

In the drawings:—

Figure 1 is a general view of a boot or shoe constructed in accordance with this invention.

Figure 2 is an approximately central vertical longitudinal sectional view through the same.

Figure 3 is a bottom plan view.

Figure 4 is a transverse sectional view approximately on the line 4—4 of Figure 2.

Figure 5 is a perspective view of the outer shoe member.

Figure 6 is a similar view of the shoe proper.

My boot or shoe is constructed entirely of metal, except for the upper thereof.

The upper 10 of the improved boot or shoe may be constructed of cloth, leather or any other desired flexible material, and has its open front connected in the usual manner, either by a lacing or by the usual buttons.

Secured to the upper 10 is the bottom member of the metal boot or shoe, which is broadly indicated by the numeral 11. The bottom includes the usual vamp, counter and sole which, however, in the present instance is in the nature of a unitary structure and being preferably constructed of some suitable light metal, such as aluminum. The bottom 11 is received in the hollow outer member 12 of the improvement. This member 12 while wholly enclosing the bottom is spaced therefrom, except at the upper edge thereof which is integrally formed with the said bottom member. The space 13 between the inner surface of the member 12 and the outer surface of the shoe bottom 11 provides a vacuum chamber which prevents the entrance of moisture or cold air to the shoe proper.

The hollow member 12 is shaped to correspond to the vamp, counter, sole and heel portions of the shoe proper, and has, on its under face at its heel and sole portions transverse corrugations or teeth 14 and 15 respectively. This permits of the wearer traveling over rough and slippery surfaces, and it is thought that the foregoing description, when taken in connection with the drawings will fully set forth the construction and advantages of the improvement.

Having thus described the invention, what I claim is:—

A metal boot or shoe, comprising an inner member shaped to form the same with a vamp, counter and sole, and an outer hollow member correspondingly shaped with the inner member but of a greater size than the inner member so that the said inner member is wholly received in the outer member but held away from contact therewith except at the upper edge of both of the members, and both of said members being connected at their said upper ends and the space between the inner and outer members providing a vacuum chamber, and a fabric upper stitched to the jointed upper edge of the inner and outer members.

In testimony whereof I affix my signature.

JOSEPH H. JACOBS.