

(No Model.)

G. CASTLE.

HEEL BAND FOR BOOTS AND SHOES.

No. 325,730.

Patented Sept. 8, 1885.

Fig. 1.

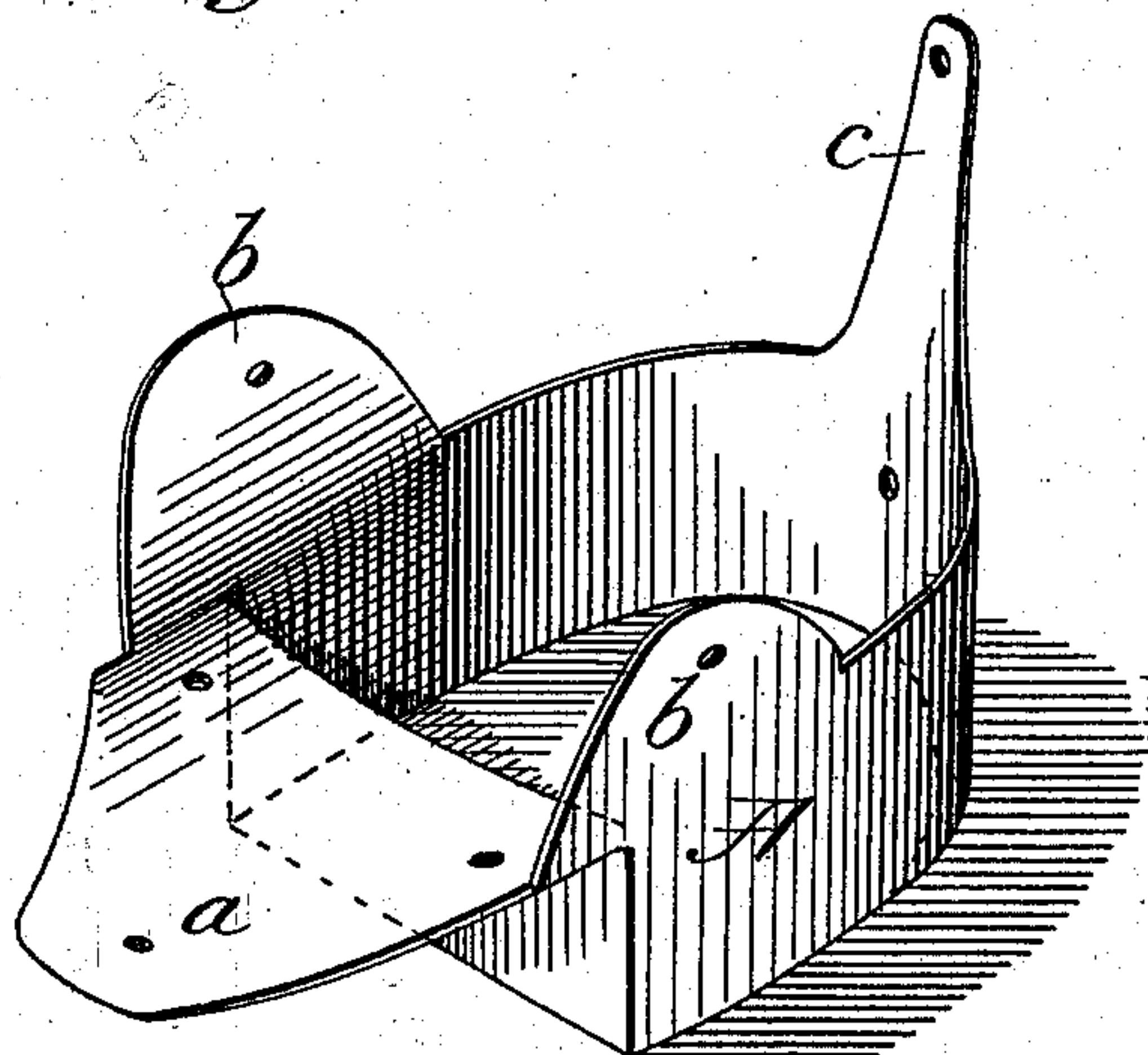
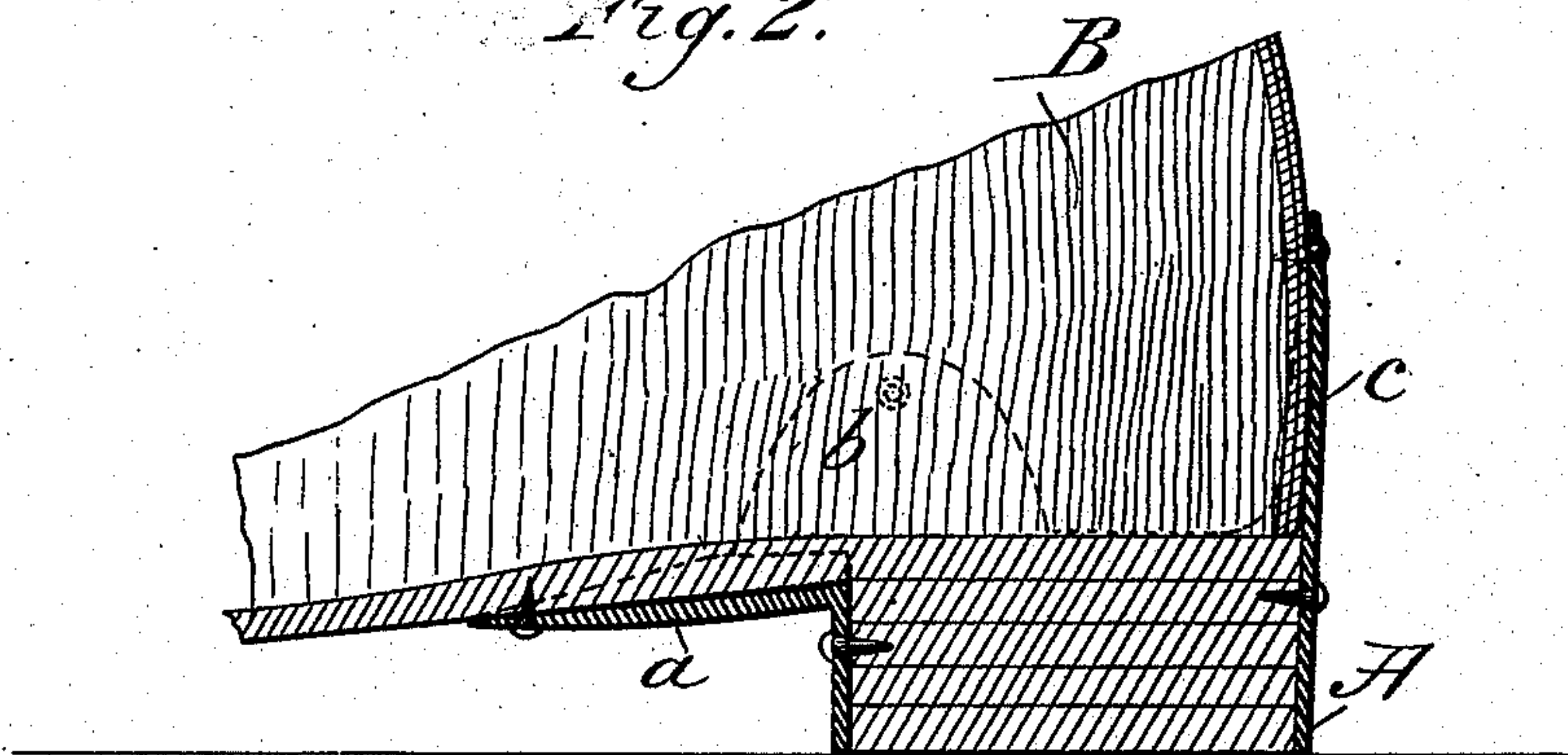


Fig. 2.



Attest:

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UNITED STATES PATENT OFFICE.

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HEEL-BAND FOR BOOTS AND SHOES.

SPECIFICATION forming part of Letters Patent No. 325,730, dated September 8, 1885.

Application filed June 29, 1885. (No model.)

To all whom it may concern:

Be it known that I, GOSWIN CASTLE, a citizen of the United States, residing at Ava, in the county of Oneida and State of New York, have invented certain new and useful Improvements in Heel-Bands for Boots and Shoes; 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 and figures of reference marked thereon, which form a part of this specification.

This invention relates to an improved heel-band for boots and shoes, the object being to provide an encircling band for boots and shoes which may be used upon all kinds, grades, and qualities of shoes for strengthening the same, and increasing their usefulness and durability; and the invention consists of a metallic band provided with a horizontally-projecting flange for attachment to the heel and several vertically-extending ears or flanges for attachment to the uppers.

In the annexed drawings, illustrating my invention, Figure 1 is a perspective of the heel-band, and Fig. 2 is a vertical section of a shoe and the band attached thereto, showing its mode of attachment.

Like letters designate like parts in both views.

A represents the body or main portion of my improved heel-band, which encircles the heel of the boot or shoe, and is constructed of iron or any other suitable metal, and of a shape to conform to the shape of the heel upon which it is to be placed. Extending horizontally outward from the straight portion of this main part A is a flange, *a*, slightly concaved on its upper surface, if need be, to adapt it to the shape of the outer sole of the shoe to which it is to be attached; and extending upward from the main part A, near where the flange *a* branches out, are two other flanges, *b b*, of a height equal to or about the same as the height of the main part A. These ear-shaped flanges are inclined outward slightly, if need be, and serve to give strength

and support to the back part of the shoe above and around the heel. Also, this main portion A has a rear upward flange or projection, *c*, which gives the shoe support at its extreme rear. All these flanges, *a*, *b b*, and *c*, are perforated with a greater or less number of apertures for the insertion of the screws, rivets, or tacks by means of which the heel-band is bound to the shoe.

In Fig. 2 it will be clearly seen how the band is secured to the shoe by the screws passing through these apertures.

The advantages of providing a shoe with this band are many. It serves to greatly strengthen the back part of the shoe. It also strengthens the shank, which it keeps in position as well.

Light boots and shoes can be made without any stiffening, so that the back portion of them will be as easy and comfortable as the front part. Thus material and labor will be saved. This band will steady the front part and prevent its working forward. It binds together all the parts which are situated about the heel, and causes the shoe to retain its shape as long as it lasts and is fit for use. Especially is it valuable for use upon my improved shoe, patented May 12, 1885, No. 317,724, which has a sole extending only from toe to heel. By putting on this shoe my horizontally and vertically flanged band I bind all the parts about the heel so firmly together that they cannot be separated by very great strain.

My band adapts a shoe for the roughest usage, and is of advantage to be placed on the shoes of all persons whose labor is such as to require them to be much out-of-doors and to walk upon rough ground and upon stones and rocks; but it may be also placed upon neater and more elegant shoes, for it can be made of any size and weight and suited to every style and grade of shoe.

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

1. A heel-band for boots and shoes, consisting of the band A, encircling the heel and secured thereto, and having a horizontally-

extending flange, *a*, and perforated vertically-
extending flanges *b b* and *c*, substantially as
shown and described.

2. The combination, with a boot or shoe, of
5 a band, *A*, completely encircling the heel, and
provided with flange *a*, attached to and sup-
porting the shank, and perforated vertical
flanges *b b* and *c*, secured to the back portion

of the shoe and supporting the same, substan-
tially as and for the purpose specified. 10

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

GOSWIN CASTLE.

Witnesses:

C. S. GRIFFIN,

J. E. BULBY.