

(No Model.)

J. R. CANCIO.

BOOT OR SHOE.

No. 268,864.

Patented Dec. 12, 1882.

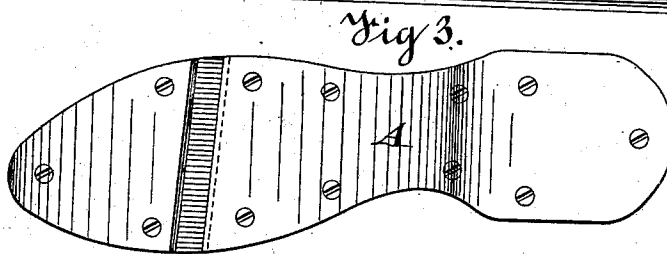
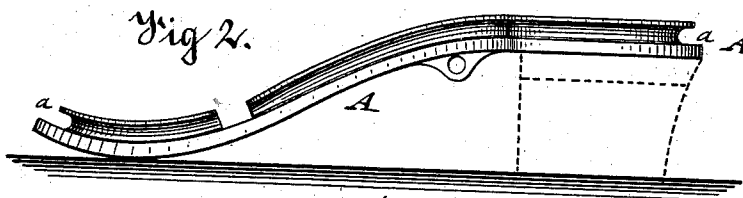
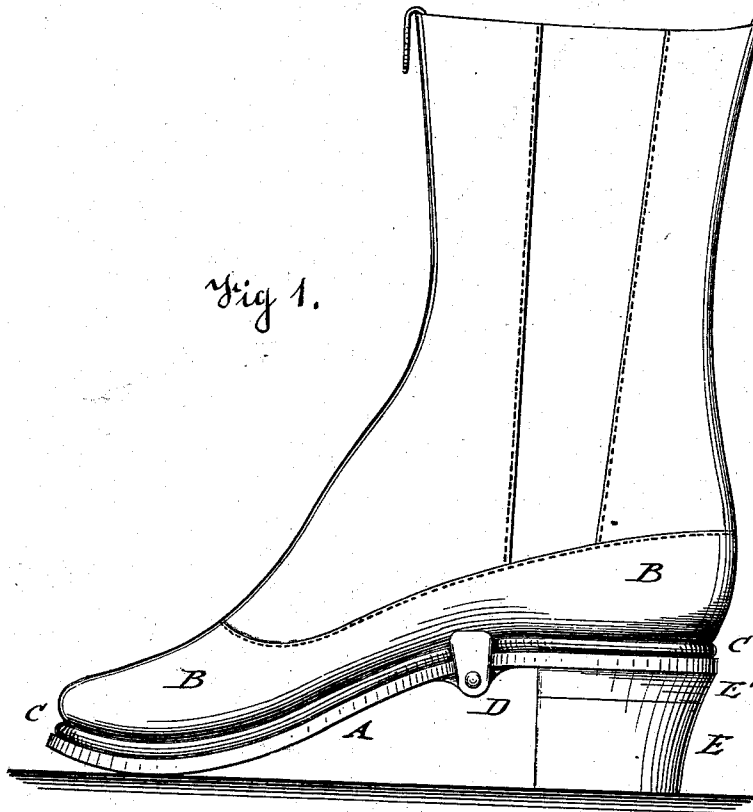
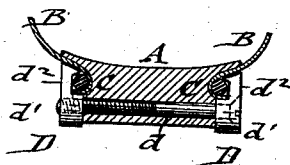


Fig 4.

WITNESSES:

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BOOT OR SHOE.

SPECIFICATION forming part of Letters Patent No. 268,864, dated December 12, 1882.

Application filed March 22, 1882. (No model.)

To all whom it may concern:

Be it known that I, JOSÉ R. CANCIO, of Pals, in the Province of Lugo, Kingdom of Spain, now residing in the city, county, and State of New York, have invented certain new and useful Improvements in Boots or Shoes, of which the following is a specification.

This invention has reference to an improved construction of boots or shoes, whereby seamless boots or shoes of considerable strength and durability are obtained; and the invention consists of a boot or shoe, the upper of which is secured to the grooved or rabbeted edge of the sole by a fastening-wire, which is clamped tightly into the rabbet at the narrowest part of the sole in front of the heel by means of a transverse clamping device.

In the accompanying drawings, Figure 1 represents a side view of my improved shoe. Figs. 2 and 3 are a side view and a top view of a sole with a metallic insole used in connection with the same. Fig. 4 is a detail vertical transverse section of the clamping device by which the retaining-wire is applied to the sole.

Similar letters of reference indicate corresponding parts.

In the drawings, A represents a sole, which may be made of leather, wood, metal, rubber, or any other suitable material. The outer edge of the sole is grooved or rabbeted, and the lower edge of the upper B of the boot or shoe placed into the groove or rabbet *a* and then secured by a clamping-wire, C, which binds the upper evenly into the rabbet of the sole. The wire C is tightly clamped at the narrowest part of the sole in front of the heel by means of a clamping device, D, which consists of a transverse screw-bolt, *d*, that engages screw-eyes *d'* of clamping-pins *d*², as shown clearly in Fig. 4.

The heel E may be made of common sole-

leather, wood, rubber, or other suitable material, and is secured by screws to the sole by means of a top piece, E', which is again screwed to the sole. In case a metallic sole is used, as shown in Fig. 2, the same is divided into two parts, between which is arranged transversely a narrow space below the ball of the foot, whereby the required flexibility is given to the lower part of the sole in walking. The metallic sole has to be covered with an insole of cork, while the heel is made of the usual construction and material.

I am aware that it is not new to secure the upper to a groove in the edge of the sole by means of a binding-wire or clamp, and I therefore do not claim this feature, broadly.

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

1. As an improvement in boots or shoes, the combination, with a sole having a grooved or rabbeted edge, of an upper the lower edge of which is placed into the rabbet, a binding-wire fitted into the rabbet of the sole, and a transverse clamping device for securing the upper and binding-wire tightly to the sole, substantially as set forth.

2. The combination of a sole having a rabbeted edge, an upper the lower edge of which is placed into the rabbet, a binding-wire that is fitted over the sole into the rabbeted edge, and a transverse screw-bolt having screw-eyes with clamping-spurs arranged at the narrowest part of the sole to bind over the retaining-wire, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

JOSÉ R. CANCIO.

Witnesses:

PAUL GOEPEL,
CARL KARP.