

(No Model.)

J. A. BRITTAIN.
RUBBER SHOE.

No. 461,310.

Patented Oct. 13, 1891.

FIG. 1.

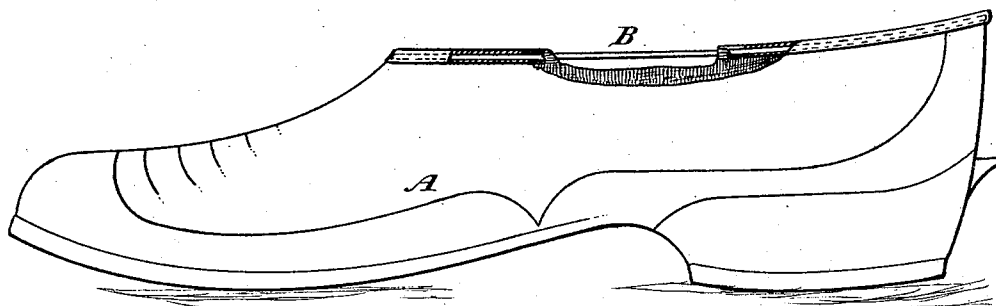
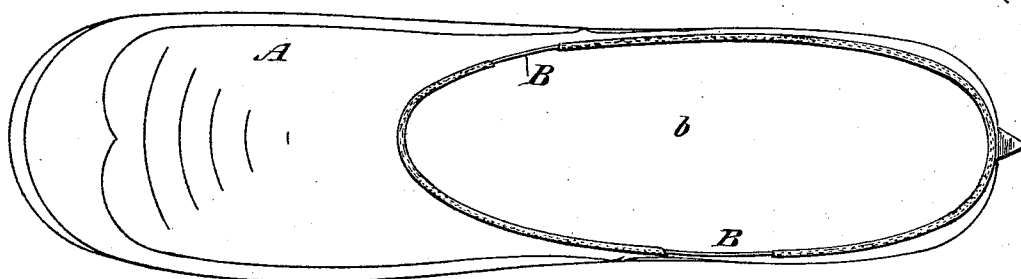


FIG. 2.



WITNESSES:

W. R. Davis.
C. Sedgwick

INVENTOR:

J. A. Brittain
BY Munn & Co

ATTORNEYS

UNITED STATES PATENT OFFICE.

JAMES A. BRITTAIN, OF LEADVILLE, COLORADO, ASSIGNOR TO HIMSELF,
AUGUST P. WILLY, AND MECK H. STACY, OF SAME PLACE.

RUBBER SHOE.

SPECIFICATION forming part of Letters Patent No. 461,310, dated October 13, 1891.

Application filed June 11, 1891. Serial No. 395,964. (No model.)

To all whom it may concern:

Be it known that I, JAMES A. BRITTAIN, of Leadville, in the county of Lake and State of Colorado, have invented a new and useful Improvement in Rubber and other Like Shoes, of which the following is a full, clear, and exact description.

This invention is designed to be applied to ladies', men's, and children's shoes or overshoes and the like, of different descriptions, made wholly or in part of rubber or equivalent elastic and water-proof material.

The invention consists in a combination, with the body of the shoe, of a steel or other elastic metal spring inserted in and around and under cover of the marginal upper portion of said body which incloses the opening through which the foot of the wearer of the shoe is inserted and removed, or, in other words, the top opening or mouth of the shoe. This spring will serve to stiffen and strengthen the upper marginal open part of the shoe and to insure a close yet elastic fit of the shoe at said part, and will prevent, especially in the cheaper qualities of rubber shoes, the tearing of the rubber down the sides of the shoe, while by its use in fine qualities of shoes the ordinary steel shank, which is objectionable, may be dispensed with.

Reference is to be had to the accompanying drawings, forming a part of this specification,

in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 represents a longitudinal side view of a rubber shoe partly broken away at its top to show the metal spring which is inserted within and around said part of the shoe, and Fig. 2 a plan view of the same with the upper part or margin of the shoe also partly broken away or interrupted to expose the spring therein.

A indicates the body of the shoe, and *b* its top opening for insertion and removal of the foot. Around the marginal portion of this opening, open top, or mouth of the shoe, which part is doubled or turned over upon itself, I insert a continuous metal spring B, substantially as and for the purpose or purposes hereinbefore specified.

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

As an improved article of manufacture, a rubber shoe having the usual foot-opening *b*, the upper edge of the shoe around the opening being unbroken, and a continuous or endless metal spring embedded within said upper edge, substantially as set forth.

JAMES A. BRITTAIN.

Witnesses:

JOHN A. EWING,
CHARLES F. DOWLING.