

(No Model.)

J. H. STICKNEY.

LUMBERMAN'S BOOT.

No. 388,597.

Patented Aug. 28, 1888.

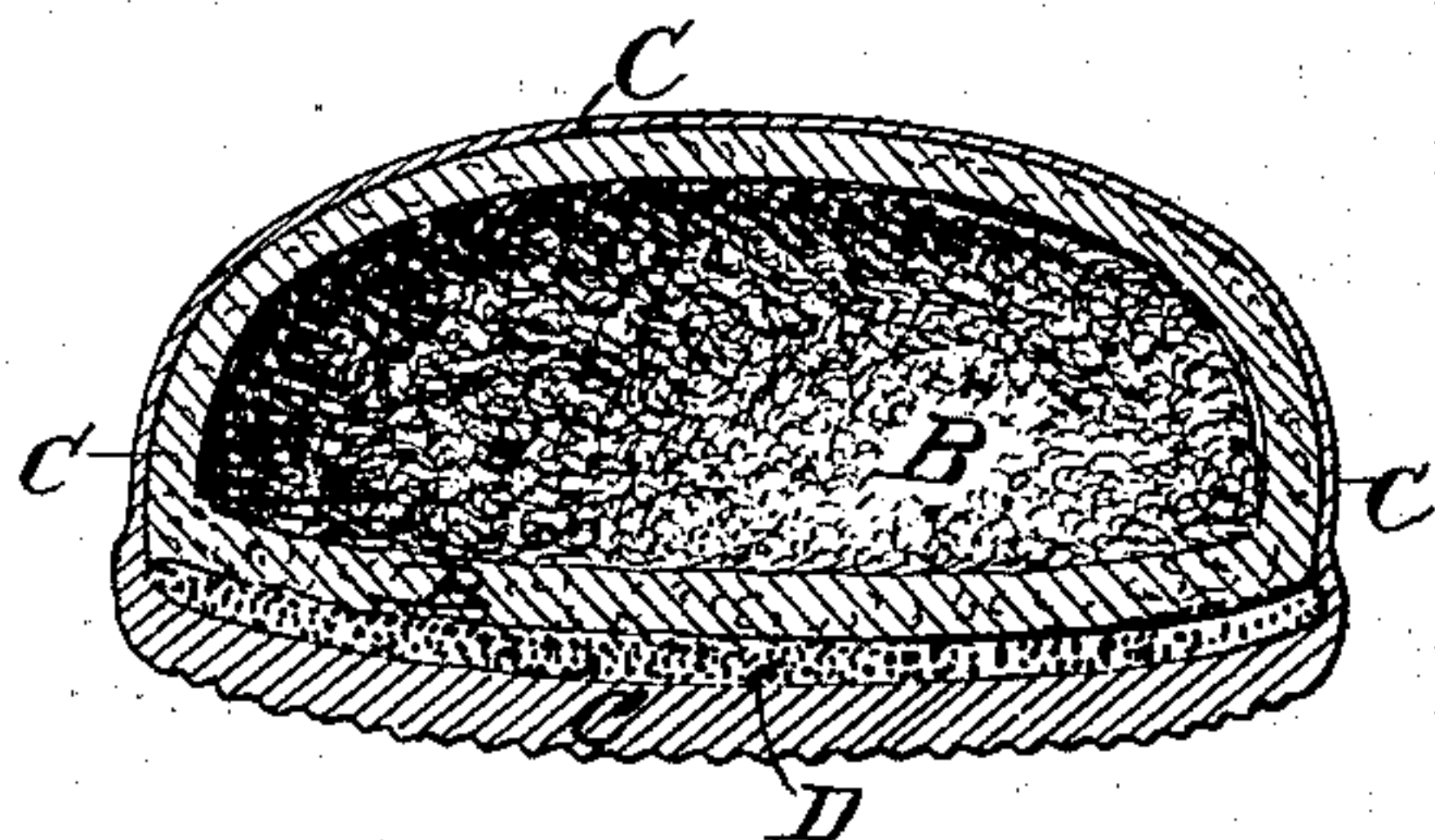


Fig. 2.

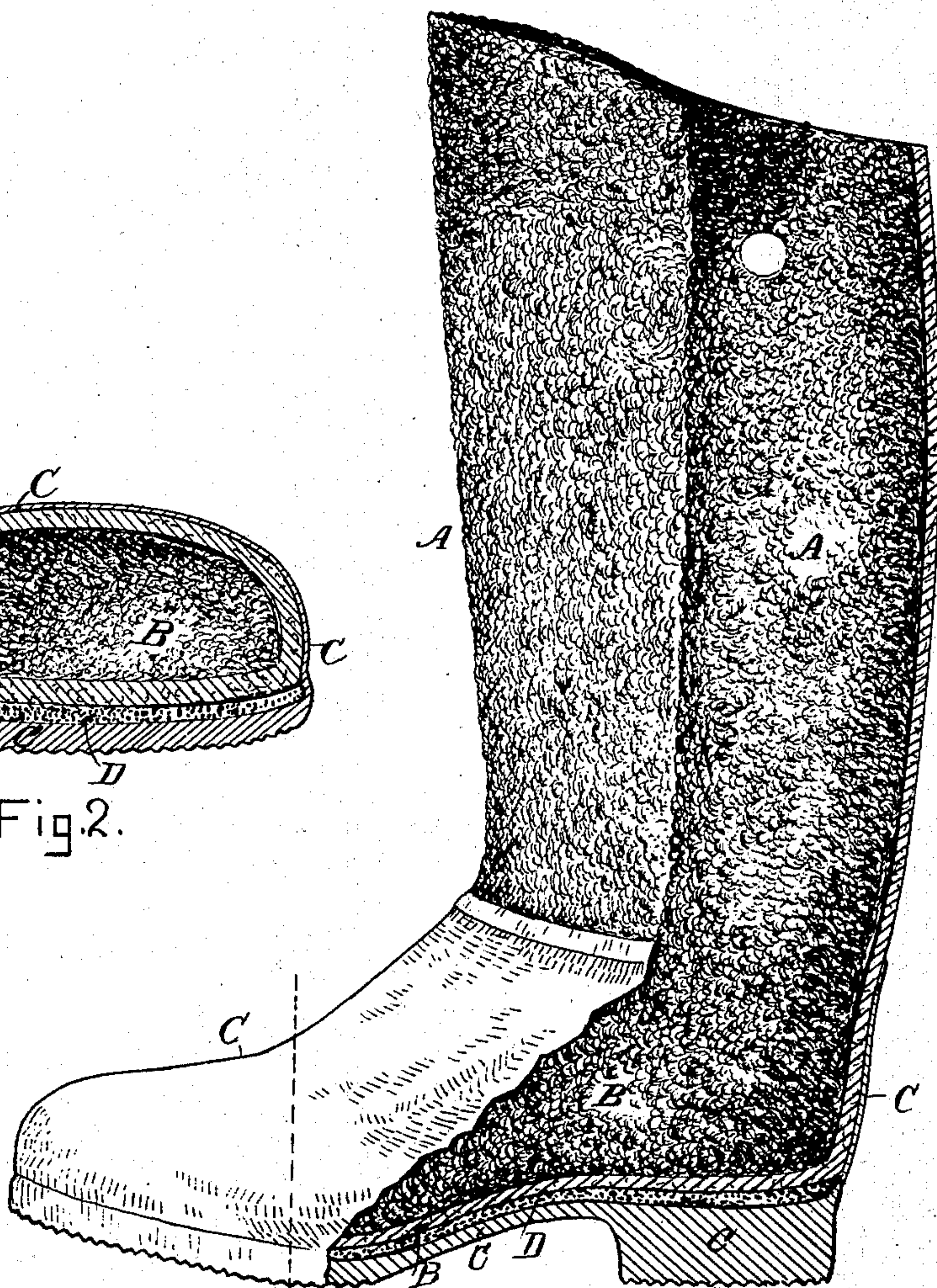


Fig. 1.

Witnesses.

John C. Lane.
Elihu G. Loomis.

Inventor.

John H. Stickney,
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UNITED STATES PATENT OFFICE.

JOHN H. STICKNEY, OF BOSTON, MASSACHUSETTS.

LUMBERMAN'S BOOT.

SPECIFICATION forming part of Letters Patent No. 388,597, dated August 28, 1888.

Application filed January 17, 1884. Serial No. 117,879. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. STICKNEY, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in a Lumberman's Combination Boot and Shoe; and I do hereby declare that the same are fully described in the following specification, and illustrated in the accompanying drawings.

The object of my invention is to produce an improved boot especially adapted for lumbermen and others who work much of the time in winter in snow and water, and who therefore require a warm long-legged boot, water-proof as to the foot of it, and of a nature in the leg portion to permit perspiration to pass off. This want has not been fully met prior to my invention. Rubber boots have been provided lined throughout with flannel or with felt, and felt boots are largely used for warmth in cold weather, with loose overshoes to draw on over them in wet places. With this latter plan the shoe and the boot, the shoes are liable to be mislaid or lost off the feet and to be torn, or the boot to be injured in the frequent drawing off and on.

My improvement consists in making the boot and shoe integral, or in a single article; and my invention is embodied in a boot having a foot and leg of felt, with a rubber shoe shaped to and vulcanized permanently upon it. In other words, it is a new article of manufacture in which are combined and permanently united a felt boot and a rubber shoe, a semi-rigid sole-layer being interposed between the bottom of the felted foot and the outer rubber sole of the shoe.

The drawings illustrate my invention, in Figure 1, by a side view, partly in section, and in Fig. 2 by a transverse section of a boot and shoe made integral, according to my improvement.

A is the leg, and B the foot, of the boot, formed continuous from top to toe of heavy felt, either seamless or with a single stayed seam vertically down the back of the leg and along horizontally at the bottom of the foot.

C is the shoe, formed of rubber compound and shaped to fit over the foot B of the boot, to which it is applied while in the plastic unvulcanized state with two or more coats of rubber cement to perfect the adhesion, and the vulcanizing process unites them permanently.

The rubber receives substantial support from the body of felt within it, and may therefore be much thinner and lighter than would be practicable if made to be detachable as a separate shoe. Furthermore, no lining for the shoe is required, the boot-body forming a sufficient one. A saving in material and in weight is therefore effected by my invention, and the neat external appearance of a perfect fit of the shoe over the boot is attained.

Between the cemented bottom of the boot and the sole of the shoe, and united to them both, I introduce a thick layer, D, of tough cheap rubber compound, known as "rag," having little pliability, in order to give some rigidity to the sole. The sole proper being applied in the raw state external to this sole-layer conceals it, and the parts are all united by subsequent vulcanization.

I make no claim simply to a shoe of whatever construction, since a mere foot covering does not supply the want for which my improvement is designed. It is a want long felt—that is, a boot with a long felt leg, from which perspiration may pass off, but made in one with a foot portion having a rubber shoe vulcanized firmly upon it, thus constituting an article new in the trade and adapted to a particular use. The distinction between a boot and a shoe is well defined. Various kinds of shoes have been made covering the foot and ankle merely, with an interior body of felted or textile material and a sole and foxing of rubber secured thereon. Examples of such shoes may be found in the patents of C. Meyer, No. 31,730, dated March 19, 1861, and C. Houghton, No. 203,152, dated April 30, 1878. I disclaim shoes generally, and such shoes particularly; but

I claim as my invention—

The described lumberman's boot, having the long permeable felted leg A, formed in one with the felted foot B, such foot being provided with a sole, an intermediate semi-rigid sole-layer, D, and an external water-proof covering, C, of rubber compound permanently vulcanized thereon, substantially as set forth.

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

JOHN H. STICKNEY.

Witnesses:

B. MARVIN FERNALD
A. H. SPENCER.