

S. PRIOR.
Heel-Stiffeners for Boots and Shoes.

No. 216,105.

Patented June 3, 1879.

Fig. 1

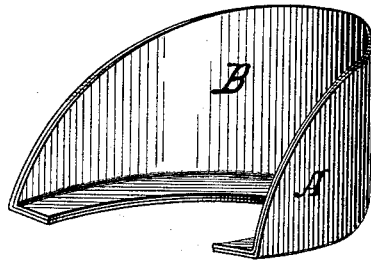


Fig. 2

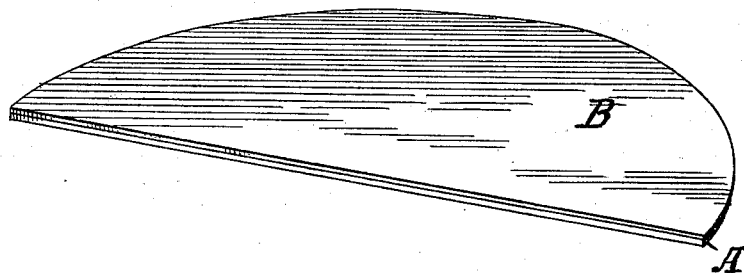
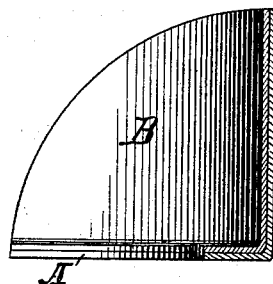


Fig. 3



Attests

John D. Jones, Jr.

Inventor

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By his Attorneys,
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UNITED STATES PATENT OFFICE.

SAMUEL PRIOR, OF TRENTON, NEW JERSEY.

IMPROVEMENT IN HEEL-STIFFENERS FOR BOOTS AND SHOES.

Specification forming part of Letters Patent No. **216,105**, dated June 3, 1879; application filed April 2, 1879.

To all whom it may concern:

Be it known that I, SAMUEL PRIOR, of Trenton, New Jersey, have invented an Improvement in Heel-Stiffeners, of which the following is a specification.

In the accompanying drawings, Figure 1 is a view, in perspective, of a finished heel-stiffener constructed according to my invention; Fig. 2, a similar view of the material blanked out but not conformed, and Fig. 3 a central sectional elevation of Fig. 1.

Similar letters of reference indicate corresponding parts wherever used.

This invention relates to what are known in the shoe trade as "heel-stiffeners;" and consists in a new article of manufacture—a heel-stiffener composed of a layer of india-rubber and a layer of leather-board.

Heretofore these stiffeners have been made of ordinary leather, made rigid by any fit method, or of leather-board, or of two layers—the inner of leather and outer of leather-board; but the objection has been that the moisture of the foot permeated and softened heel-stiffeners made wholly or partially of leather-board, and that those made of leather were too expensive.

By my invention I combine an outside layer of what is known as "leather-board" with an inside layer of india-rubber, either by frictional pressure and heat or by the use of any suitable glue or other adhesive substance, so that while the leather-board imparts the requisite stiffness, the rubber prevents the permeation of moisture and insures that the leather-board shall remain rigid.

In place of india-rubber I may substitute any equivalent impervious material.

In the drawings, A represents the leather-board layer, and B the layer of india-rubber.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

As an improved article of manufacture, a heel-stiffener for boots and shoes, composed of an inside layer of india-rubber and an outside layer of leather-board, substantially as and for the purposes set forth.

In testimony whereof I have hereunto signed my name this 31st day of March, 1879.

SAMUEL PRIOR.

In presence of—

BENJ. VAN CLEVE,
PETER BACKES.