

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

No. 216,105.

Patented June 3, 1879.

Fig. 1

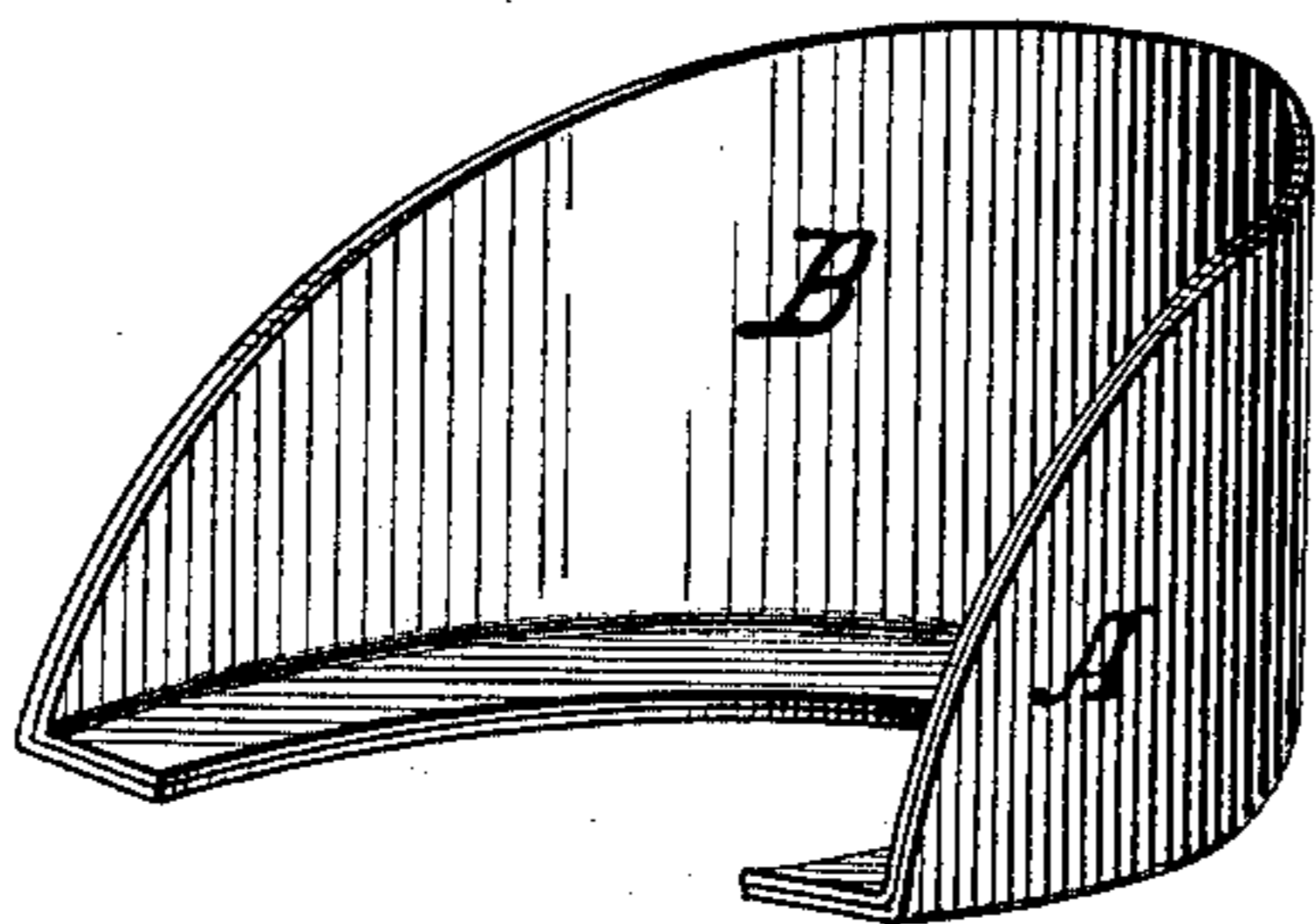


Fig. 2

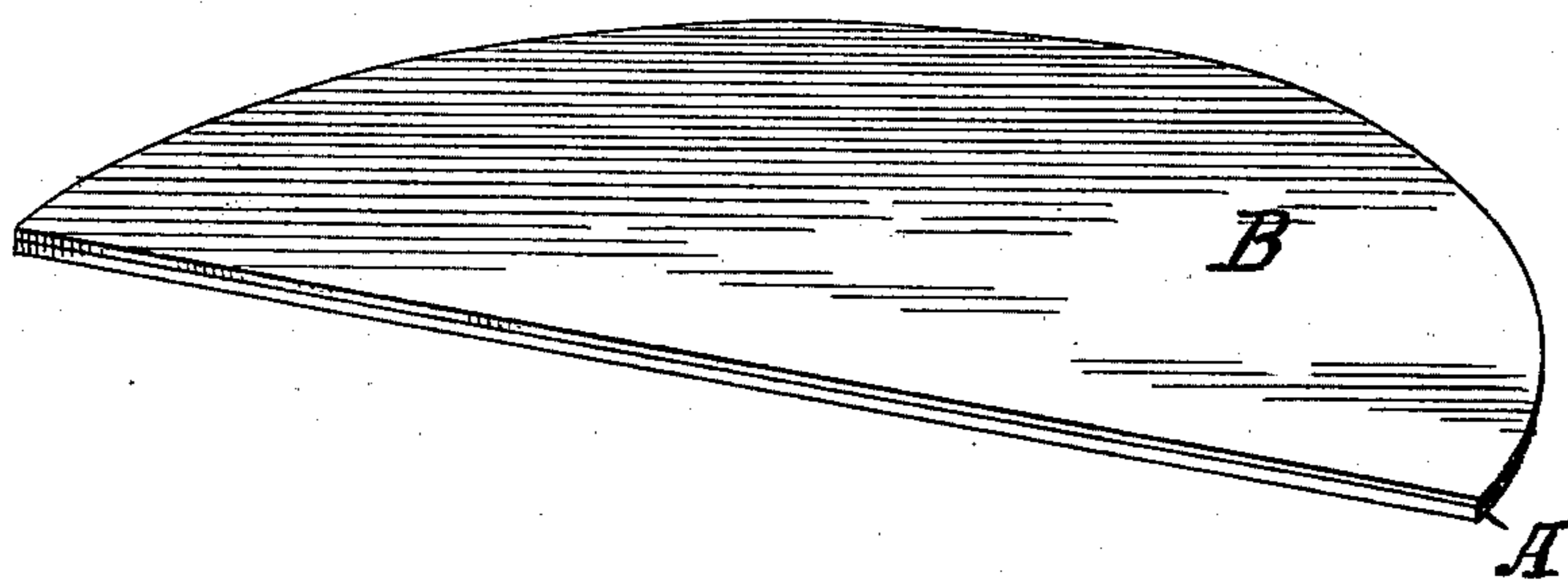
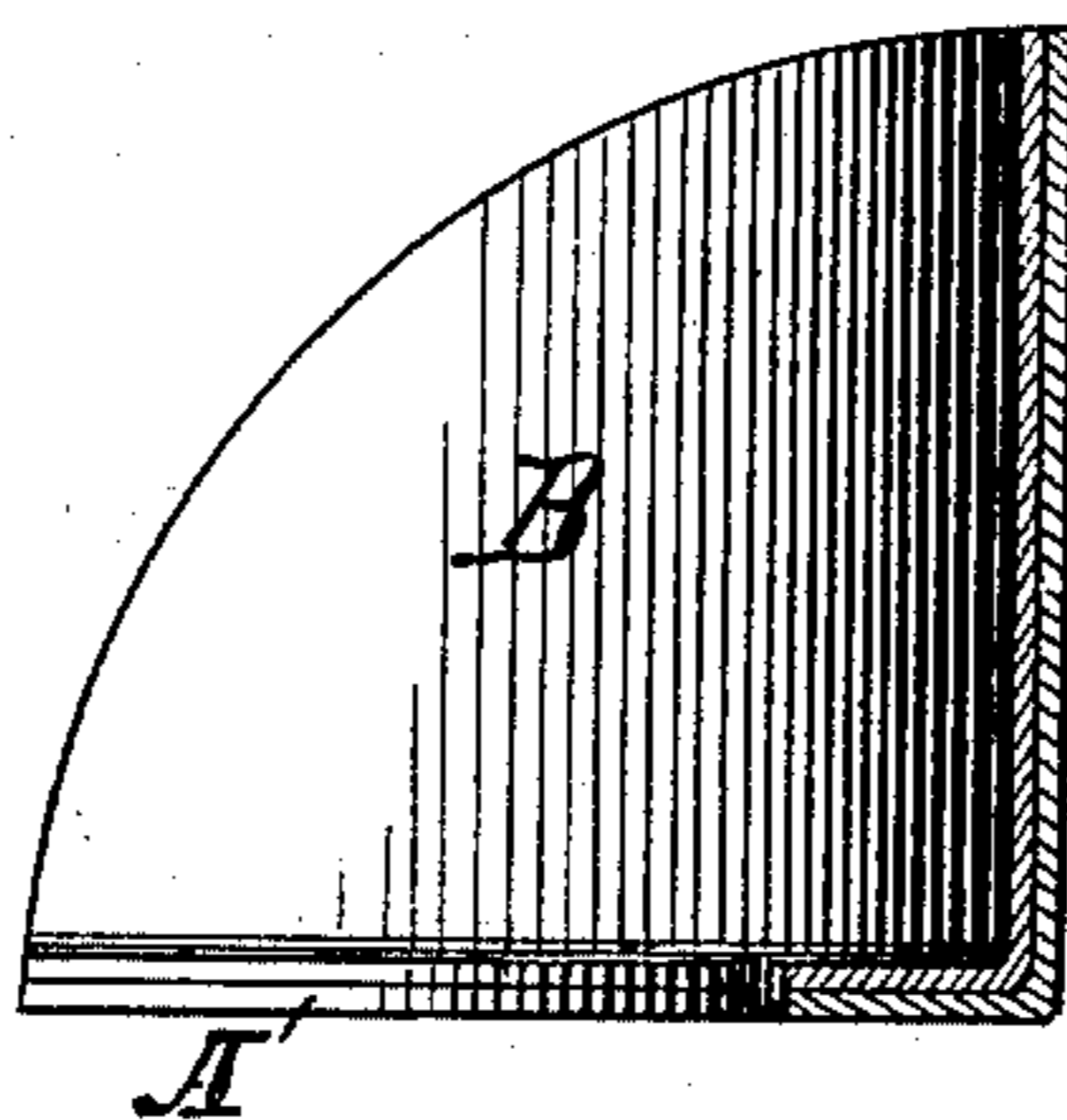


Fig. 3



Attests

A. M. Austin
John D.oley, Jr.

Inventor

Samuel Prior
By his Attorneys,
W. C. Mawbridge
J. Bonall Taylor.

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.