

L. DURIEU.

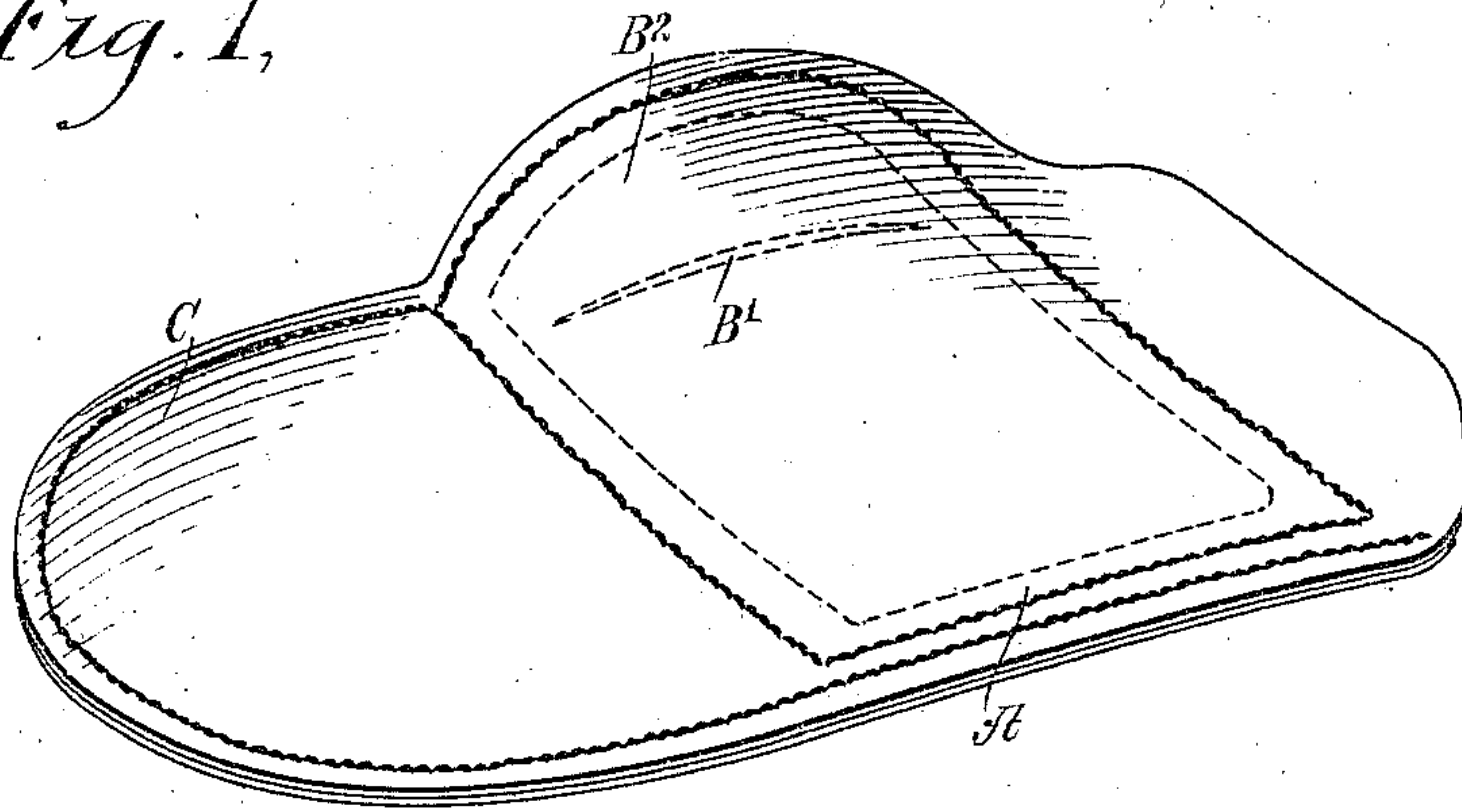
ARCH SUPPORT.

APPLICATION FILED AUG. 2, 1910.

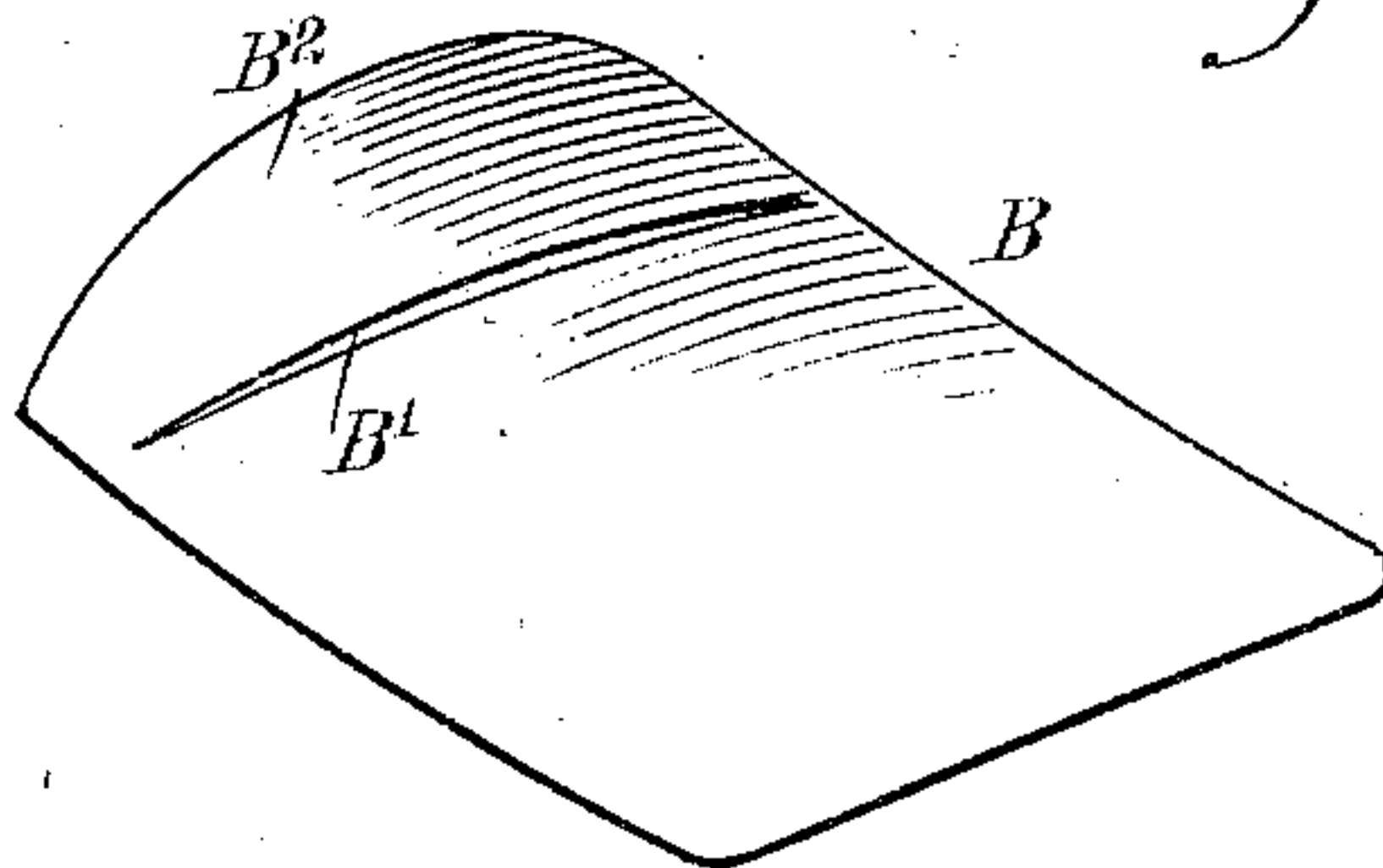
985,666.

Patented Feb. 28, 1911.

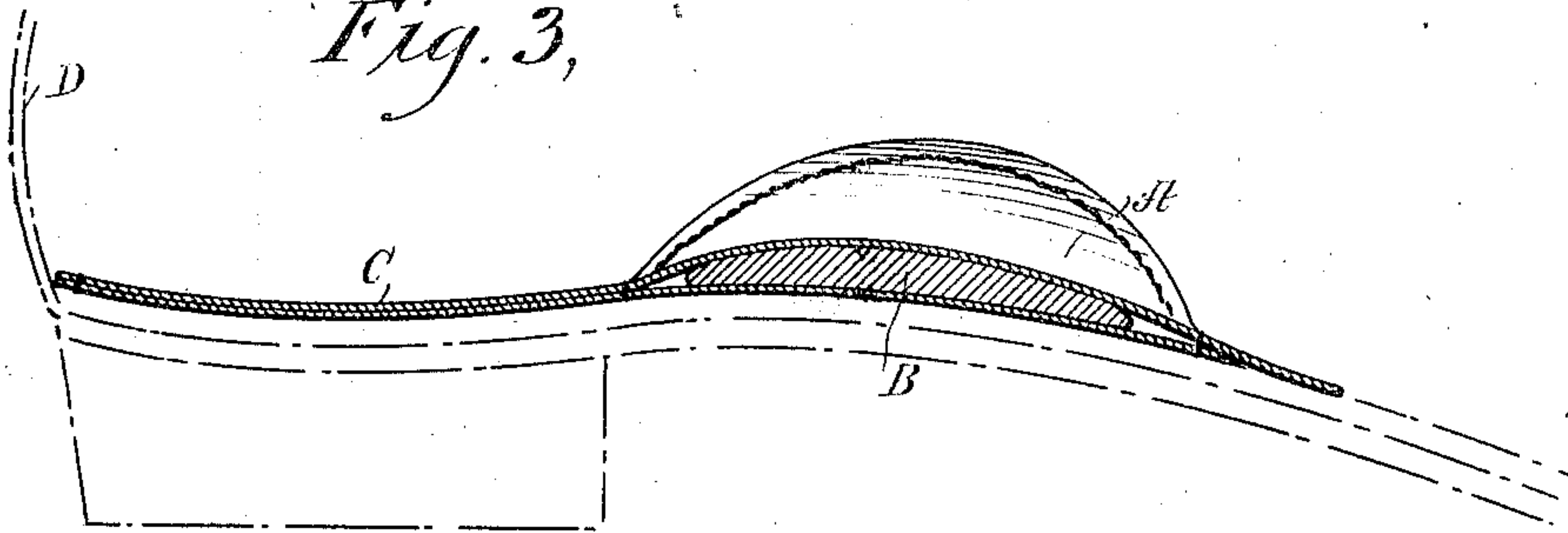
*Fig. 1,*



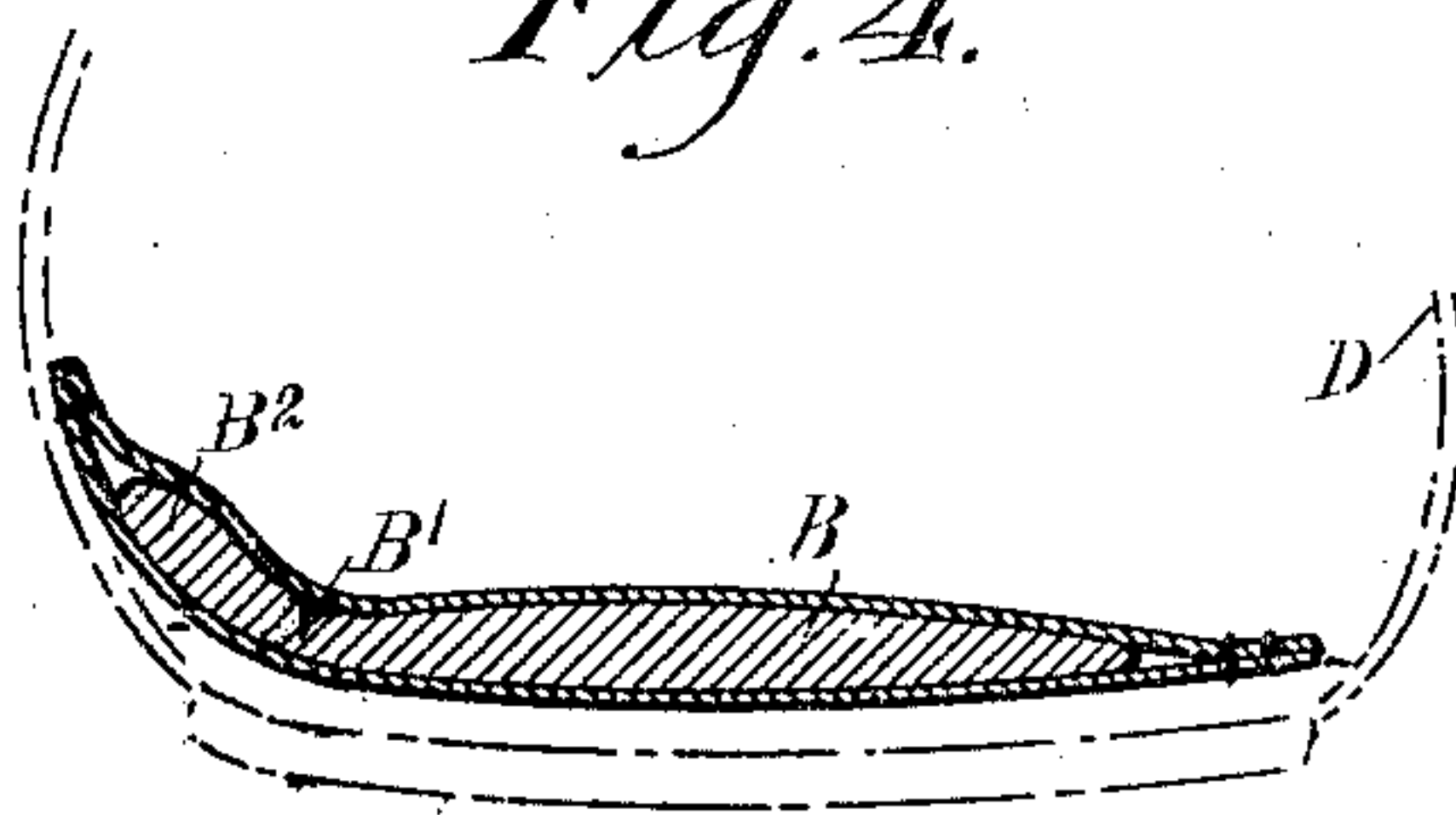
*Fig. 2,*



*Fig. 3,*



*Fig. 4.*



WITNESSES:

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# UNITED STATES PATENT OFFICE.

LÉON DURIEU, OF NEW YORK, N. Y.

## ARCH-SUPPORT.

985,666.

Specification of Letters Patent.

Patented Feb. 28, 1911.

Application filed August 2, 1910. Serial No. 575,065.

*To all whom it may concern:*

Be it known that I, LÉON DURIEU, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Arch-Support, of which the following is a full, clear, and exact description.

The invention relates to boots and shoes, and its object is to provide a new and improved arch support, arranged to permit of conveniently placing it in a shoe or boot, with a view to properly support the arch of the foot of the wearer without producing discomfort while walking or resting. For the purpose mentioned use is made of a pocket having a heel extension and a sustaining plate within the said pocket and having a convex top, and a flexing terminal at the inner side capable of following the instep portion of the shoe upper.

A practical embodiment of the invention is represented in the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the arch support; Fig. 2 is a like view of the sustaining plate; Fig. 3 is a longitudinal sectional elevation of the arch support in position in the shoe; and Fig. 4 is a cross section of the same.

A pocket A for holding an arch-sustaining plate B, is formed of two pieces of leather, sewed or otherwise fastened together, the pieces of leather being extended rearwardly from the pocket A, to form an extension C fitting the heel portion of the shoe or boot D in which the arch support is used. the pocket A and its plate B extending in the instep or arch portion of the shoe or boot, as plainly indicated in Fig. 3.

The sustaining plate B is preferably made of comparatively stiff leather, shaped to produce a convex top, to conform to the arch of the foot of the wearer. The sustaining

plate B is provided on its upper face near the inner side with a longitudinally-extending cut or crease B', to form a flexing side B<sup>2</sup>, capable of readily following the shoe upper when lacing the shoe, to draw the inner side portion of the pocket in firm contact with the inner side of the arch to be sustained, thus supporting the arch at its weakest portion and preventing sagging thereof.

In practice I prefer to make the pocket somewhat larger than the sustaining plate B, so that the latter has a limited adjustment within the pocket, that is, can be readily shifted forward or backward by the wearer prior to placing the arch support into the shoe, in order to bring the sustaining plate in proper position relative to the arch of the foot of the wearer.

It is understood that the arch is a complete article in itself and can be readily placed in the shoe or removed therefrom whenever desired.

The arch support is made in various sizes to suit different sized shoes.

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

An arch support for use in shoes, comprising a pocket formed by two pieces of leather sewed together, the pieces being extended rearwardly beyond the pocket and shaped to fit into the heel portion of the shoe to hold the pocket in the instep portion of the shoe, and a sustaining plate of comparatively stiff leather held in the said pocket and having a convex top and provided with a longitudinal cut whereby to form a flexible side.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LÉON DURIEU.

Witnesses:

JNO. P. DAVIS,

PHILIP D. ROLLHAUS.