

F. C. SCHUMACHER.
 DEVICE FOR THE CORRECTION OF FLAT FOOT, WEAK FOOT, OR FALLEN ARCH OF THE FOOT.
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957,718.

Patented May 10, 1910.

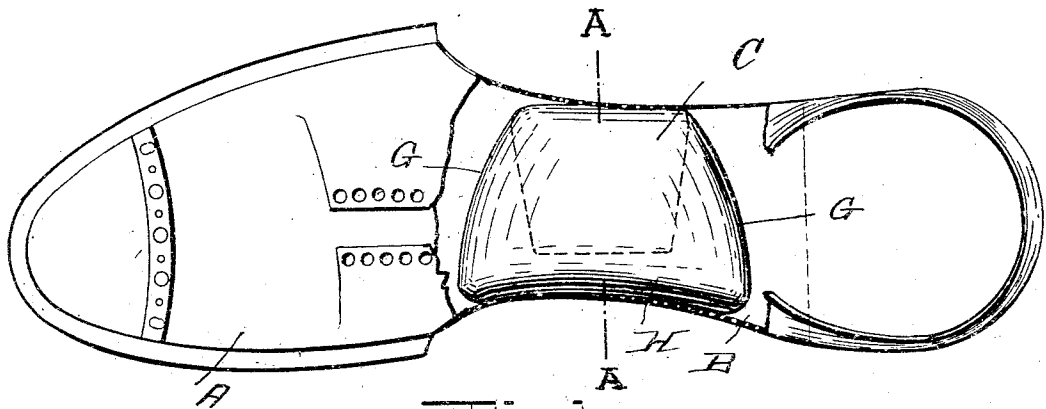


Fig. 1

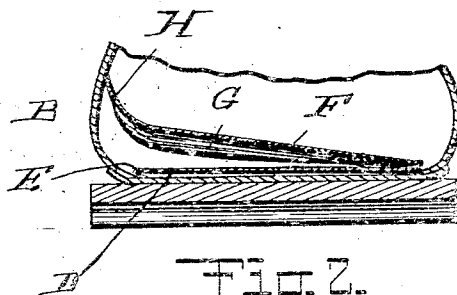


Fig. 2

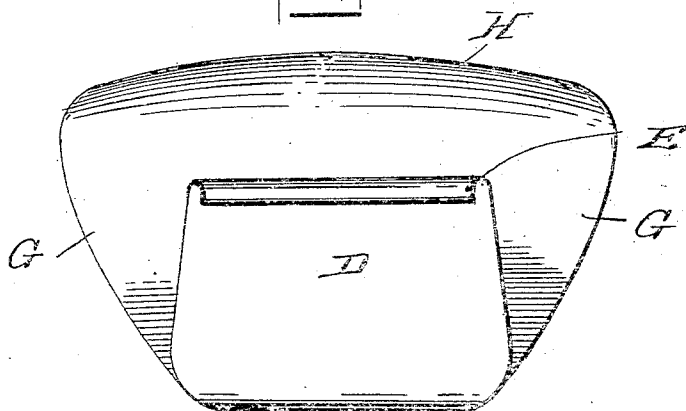


Fig. 3

WITNESSES

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FREDERICK C. SCHUMACHER, OF NEW YORK, N. Y., ASSIGNOR TO PERFECT FOOT-ARCH SUPPORTER CO., OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

DEVICE FOR THE CORRECTION OF FLAT FOOT, WEAK FOOT, OR FALLEN ARCH OF THE FOOT.

957,718.

Specification of Letters Patent.

Patented May 10, 1910.

Application filed December 28, 1908. Serial No. 469,719.

To all whom it may concern:

Be it known that I, FREDERICK C. SCHUMACHER, a citizen of the United States, residing at 2277 Bathgate avenue, borough of the Bronx, in the county of New York and State of New York, have invented a new and useful device for the correction of flat foot, weak foot, or fallen arch of the foot, and thereby regaining the normal functions of the foot, of which the following is a specification.

My invention relates to improvements in devices for the correction of flat foot, weak foot, or fallen arch, and the object of my invention is the provision of a device adapted to be placed in the arched portion of the shoe and which will provide a perfect support for the arch of the foot, said device snugly fitting the shoe but having a sufficient yielding or elastic action to respond to the movement of the foot, but possessing strength and durability and being capable of production at a very low price.

With this object in view, my invention consists of the device of the character and for the purposes described embodying novel features of construction and adaptation of parts substantially as disclosed herein.

Figure 1, represents a plan view of my device in position in a shoe. Fig. 2, represents a sectional view on line A—A of Fig. 1, and Fig. 3, is a view on an enlarged scale of the device removed.

In the drawings: The letter A represents a shoe provided with the shoe arch portion B, in which my support C is applied. The support is made from a single sheet of spring metal formed with the narrow horizontally disposed portion D, provided at its free end with a bent portion E, and formed with the angularly disposed broad supporting plate F, said plate having the curved ends G which conform to the under side of the arch

of the foot, and with the concaved or upward curved portion H, which fits snugly against the curved portion of the shoe and forms a pocket or recess upon which the arched portion of the foot is supported.

From this construction, it will be seen that my device fits perfectly and adapts itself to the arched portion of the shoe and forms a perfect rest or support along the under portion of that arch of the foot, and that it has the proper spring action or elasticity to accommodate itself to the weight and movement of the arch of the foot and yet provide a perfect support for the accomplishment of the functions for which this device is intended.

It will also be noted that the device is reversible and capable of application to either shoe, that it can be produced at such a low price as to make its use desirable and necessary and that it is generally efficient and practical in every particular.

I claim:

1. In an instep support, the combination with the concavo-convex foot supporting portion, of a reversely bent reduced portion forming a spring support therefor, and integral means on the free end of said reduced portion springingly supporting the same.

2. In an instep support, a base portion having one end bent thereunder to form a springing support for one side of the base, and the other end being bent upward at an angle from the base and its free end above the downward bent portion of the base terminating in a curved portion adapted to fit the foot and support the same in proper position.

FREDERICK C. SCHUMACHER.

Witnesses:

WM. A. SCHUMACHER,
HENRY DUBINSKY.