

J. B. SMITH.

Instep-Pads.

No. 147,698.

Patented Feb. 17, 1874.

Fig. 1

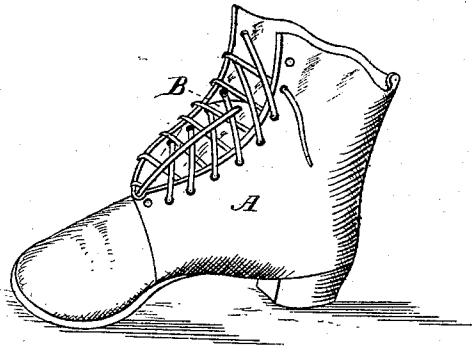


Fig. 2

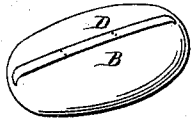
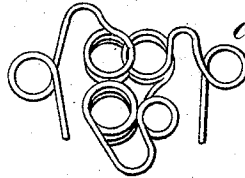


Fig. 3



Witnesses:

A. Schullenberg
Chas. C. Funk

Inventor:

John B. Smith

UNITED STATES PATENT OFFICE.

JOHN B. SMITH, OF MILWAUKEE, WISCONSIN.

IMPROVEMENT IN INSTEP-PADS.

Specification forming part of Letters Patent No. 147,698, dated February 17, 1874; application filed November 5, 1873.

To all whom it may concern:

Be it known that I, JOHN B. SMITH, of Milwaukee, in the county of Milwaukee, in the State of Wisconsin, have invented certain Improvements in Instep-Pads, of which the following is a specification:

The object of my invention is to improve the form of the foot and make it look symmetrical, and this I do by inserting in the instep of a boot or shoe a pad, which, if the foot is too low in the instep, will make the boot or shoe fit the foot, and look as handsome as a foot with a high instep, and, besides, the pad is so constructed that it relieves the foot from the pinching process of tight lacing or buttoning.

Figure 1 is a view of a lady's laced boot with the pad in position. Fig. 2 is a view of the pad; and Fig. 3 is a view of the spring which is used inside of the pad.

A is the boot; B, the pad; C, the spring which bolsters the pad, and makes it elastic, and to work easy on the foot. This pad is secured to one side of the boot or shoe, and has loops on its top, through which the lacings of the boot pass and hold it firmly in position, or buttons may pass through the loops if buttons are used on the boot, or the lacings or buttons may hold the pad in position without its being sewed to the side of the boot. The spring on the inside of the pad is wound in a peculiar manner, and makes an elastic substance, which fits the foot, and, by its elasticity, makes the boot or shoe fit easy to the foot.

This spring is made, commencing at one end and winding one turn; then bending the wire down so as to strike on the side of the foot; then making three or four turns, and then bending the wire at right angles on one side of the coil already made, and then winding it as many turns as the coil already made, bringing the two coils side by side. This will bring the wire on top again; then carry the wire on the side down, so that it will rest on the foot, or on any surface; then carry it forward again and make two or three turns, making a coil of wire same as those already made; then carry the wire at right angles, and make another coil of as many turns as the last, which will bring the wire at the top again; then carry it out at the side and down, so that it will rest on the foot; then bring the wire into the center, and make one turn, and bring the wire out to the side, so that its end may rest on the foot again. This makes a spring of four coils of wire—two by the side of two and one coil at each end, the wire terminating on the top of the spring and bent down on its sides, so that the ends and bite of the wire shall rest on the foot, or on any surface at the sides of the spring.

I claim as my invention—

The pad B and spring C, in combination with a boot or shoe, substantially as described.

JOHN B. SMITH.

Witnesses:

A. SCHATTENBERG,
CHAS. A. FINK.