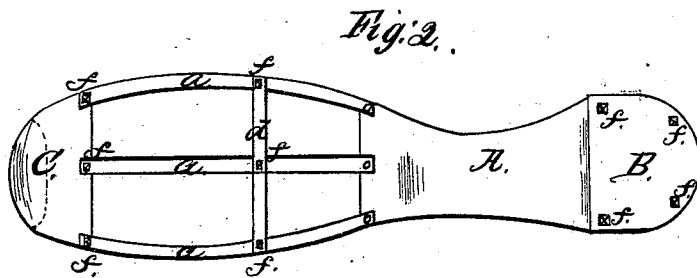
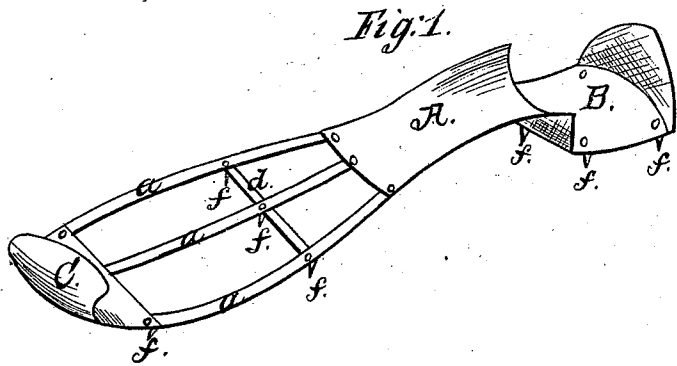


H. Myers.

Calk for Boots.

No 86,857.

Patented Feb 9, 1869.



Witnesses.

John H. Shumway  
A. J. Tibbitts

Inventor.

Hermon Myers.

By his Attorney  
John E. Paul



HERMAN MYER, OF DERBY, CONNECTICUT.

Letters Patent No. 86,857, dated February 9, 1869.

IMPROVED CALK FOR BOOTS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, HERMAN MYER, of Derby, in the county of New Haven, and State of Connecticut, have invented a new Improvement in Calks for Boots and Shoes; and I do hereby declare the following, when taken in connection with the accompanying drawings, and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a perspective view, and in

Figure 2, an under-side view.

This invention relates to an attachment to be fixed to soles of boots and shoes, to prevent the wearer from slipping, and consists in a sole formed from steel, so as to extend up over the toe and on to the heel, and provided both at the ball and heel with steel points.

To enable others to fully understand my invention, I will proceed to describe the same as illustrated in the accompanying drawings.

A is the shank, and

B, the heel, formed from a plate of steel, or other suitable metal.

C is the toe, constructed so as to pass under the sole and up over the toe, as seen in fig. 1, and this toe-piece C, attached to the shank A by strips, *a*, of steel.

These may be crossed by one or more similar strips, *d*, of steel, and the ball and heel, as at *f*, are provided with steel points, which, when the sole is attached to the wearer's boot or shoe, by being set thereon, so that the heel of the boot will set into the seat prepared for it, and the toe with the toe-piece, and the whole secured by a strap, or otherwise, will prevent the wearer from slipping.

Having fully described my invention,

What I claim as new and useful, and desire to secure by Letters Patent, is—

The detachable metallic sole, when constructed and arranged in the manner described, and provided with the points *f*, substantially in the manner and for the purpose set forth.

HERMAN MYER.

Witnesses:

JOHN E. EARLE,

JOHN H. SHUMWAY.