G. Gunderson,

Skate Fastening,

No. 67,110, Patented July 23, 1867.

Fig. 1.

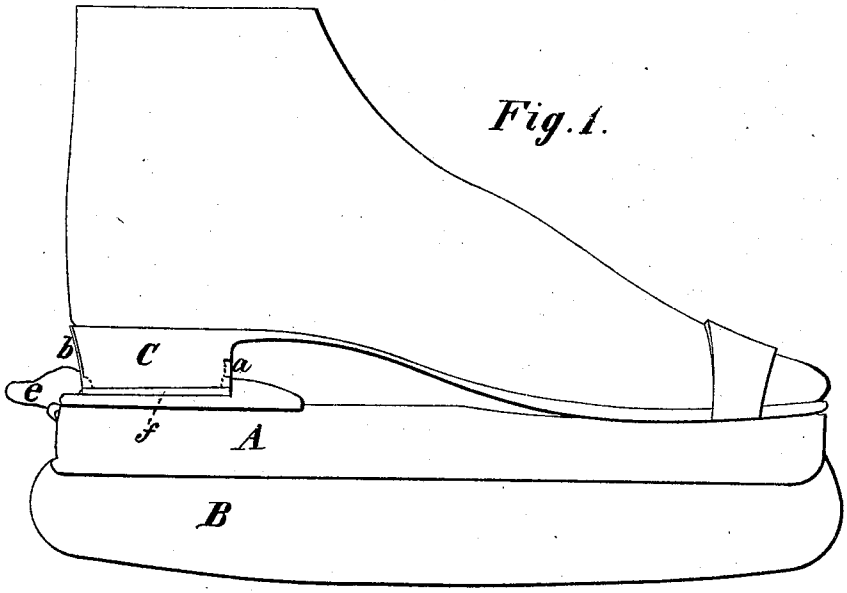


Fig. 2.

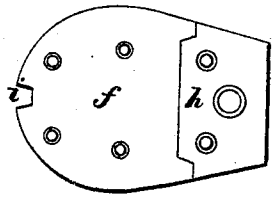
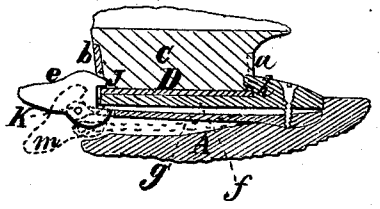


Fig. 3.

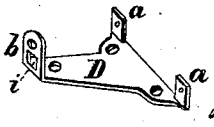


Witnesses

Geo. L. Chapin

A Hayward

Fig. 4.



Inventor

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By his attorney

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United States Patent Office.

G. GUNDERSON, OF CHICAGO, ILLINOIS.

Letters Patent No. 67,110, *dated July* 23, 1867; *antedated July* 11, 1867.

IMPROVED SKATE-FASTENING.

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, G. GUNDERSON, of Chicago, in the county of Cook, and State of Illinois, have invented a new and useful Improvement for Fastening Skates to Boots and Shoes; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, and letters of reference marked thereon, making a part of this specificatien, in which—

Figure 1 is a longitudinal elevation of a skate fastened to a boot by means of my device.

Figure 2 is a view of the under side of the plate which is secured to the heel of the boot.

Figure 3 is a longitudinal elevation of my device attached to the skate and heel of the boot.

Figure 4 is a perspective representation of the plate secured to the heel of the boot.

The nature of my invention consists in rigidly attaching a plate to the heel of the boot, having nibs projecting over the front of the heel, and also having a projection extending upward and fitting into the back of the heel, for the purpose of securing the plate firmly in position, and providing a catch for the spring-lock of the lower plate to shut against; and in providing a recess in the front of the upper plate in order that a corresponding projection on the lower plate may pass into said recess and hold the skate fast to the heel of the boot; and further, in providing a spring-catch attached to the heel of the skate, which shuts into the back projection of the upper plate and prevents the boot from sliding backward and becoming detached from the skate.

In order that others skilled in the art may make and use my invention, I will describe its construction and operation.

A B represent the common skate, and C the boot to which it is attached; D is the plate, shown at figs. 3 and 4, which is rigidly attached to the heel of the boot, by means of screws or otherwise, in a substantial manner; the projections *a* fitting into the front of the heel C′, as seen at the dotted lines *d*, figs. 1 and 3; and has also the projection *b* fitting into the back of the heel C′, in which is made a catch for receiving the spring-lock *e*. *c* is the plate attached to the heel of the upper part of the skate A B, and having the projection *h* for fitting into the recess made between the projections *a*, and also the notch *i*, fig. 2, for allowing the hitch J made in the projection *b* to receive the lock *e*. This lock is hung to the spring *g*, and when turned down, as seen by the dotted lines *m*, the skate A B and the boot C can be detached; and when shut, as seen at fig. 1, the boot C will be held firmly to the skate A B. By this arrangement the boot can be secured to the skate with little trouble, and the use of all the ankle-straps is obviated, leaving the foot free and not liable to have the circulation checked.

Having thus fully described my device, what I claim, and desire to secure by Letters Patent of the United States, is—

The plate D, having the projections *a a b*, in combination with the plate *c*, spring *g*, lock *e*, boot E, and skate A B, when constructed substantially as and for the purpose set forth.

G. GUNDERSON.

Witnesses:

GEO. L. CHAPIN,

A. HAYWARD.