(No Model.)

E. H. BARNEY.

SKATE FASTENING.

No. 294,182. Patented Feb. 26, 1884.

Fig 1

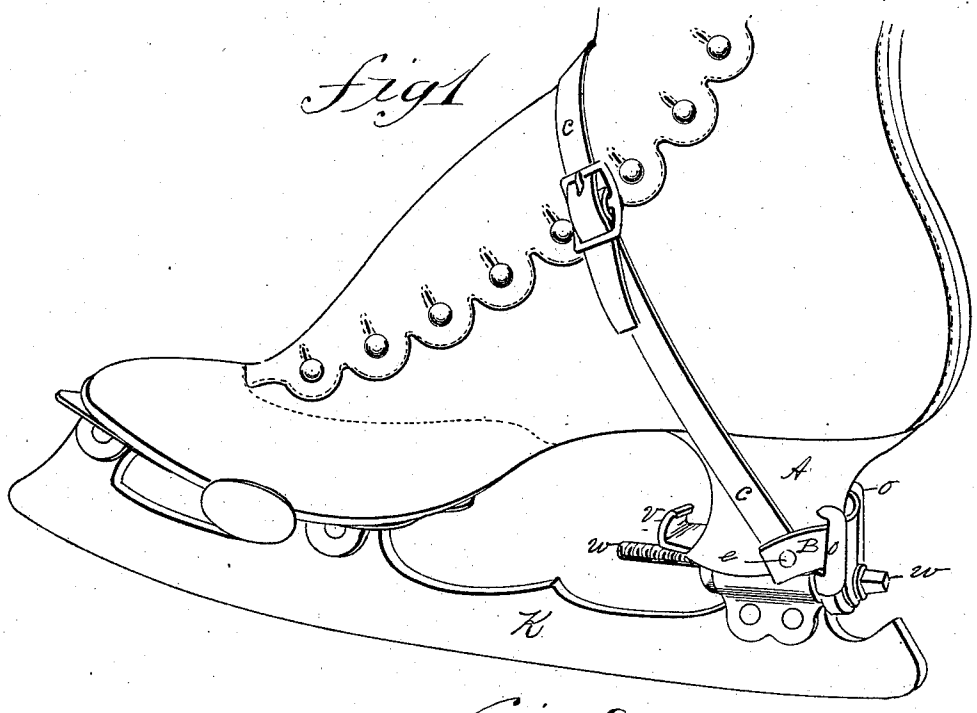


Fig 2

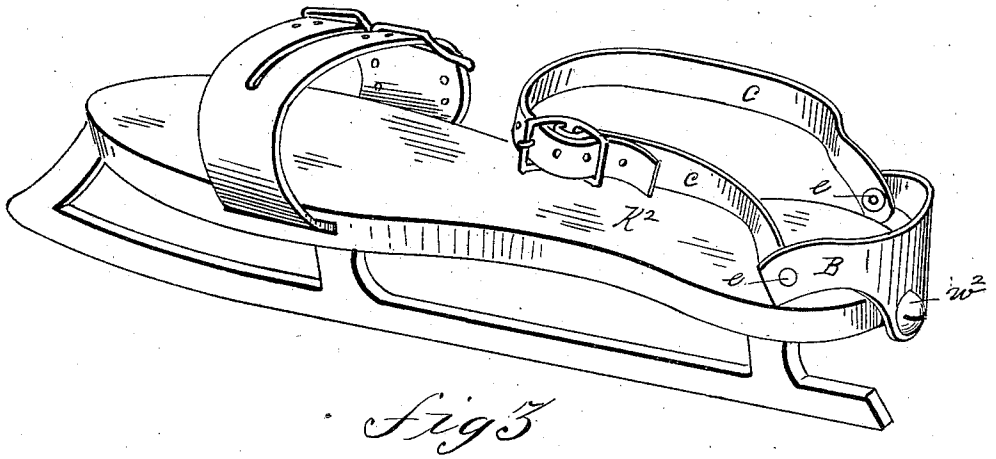
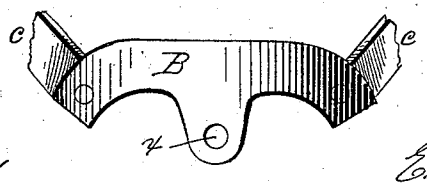


Fig 3



WITNESSES:

J. D. Garfield

Wm. H. Chapin

INVENTOR

Everett H. Barney.

BY Henry A. Chapin

ATTORNEY

N. PETERS. Photo-Lithographer. Washington, D. C.

UNITED STATES PATENT OFFICE.

EVERETT H. BARNEY, OF SPRINGFIELD, MASSACHUSETTS.

SKATE-FASTENING.

SPECIFICATION forming part of Letters Patent No. 294,182, dated February 26, 1884.

Application filed December 31, 1883. (No model.)

To all whom it may concern:

Be it known that I, EVERETT H. BARNEY, a citizen of the United States, and a resident of Springfield, in the county of Hampden and State of Massachusetts, have invented new and useful Improvements in Skate-Fastenings, of which the following is a specification.

This invention relates to improvements in skate-fastenings, the object being to provide a portable fastening device which is capable of being temporarily or otherwise attached to the ordinary clamp-screw of the heel of a metallic skate or to the rear end of a wood-frame skate for the purpose of providing a convenient auxiliary fastening.

In the drawings forming part of this specification, Figure 1 illustrates a skate and a boot to which is applied a fastening device constructed according to my invention. Fig. 2 illustrates the manner of attaching the fastening to a wood skate. Fig. 3 is an elevation of the metallic portion of the fastening, showing parts of the straps attached to its ends.

In the drawings, K is a metal skate, having the heel-clamps *o o*, which are operated by the screw-rod *w*. The heel-plate is provided with the usual front abutment, *v*.

It often occurs that a skater finds that the heel A of his or her boot is too small to allow of clamping it between the clamps *o o* and the abutment *v*, and, without some fastening which can be used in place of the latter, the skate cannot be secured to the boot.

The auxiliary fastening herein described is capable of being easily and quickly applied to the skate K, as shown in Fig. 1, and provides efficient means for securing the skate to a boot whose heel cannot be clamped by the appliances belonging properly to the skate.

The skate-fastening consists of a thin metallic strap-yoke, B, resembling a T form, having its ends curved toward the shank of the skate and its central downhanging portion or leg perforated, as shown, and of two straps, *c c*, attached, by rivets *e e* or other suitable means, to the arms of the yoke B. The said straps are adapted to be buckled around the boot, as shown.

In applying the fastening to the skate K, the screw-rod *w* is removed, the yoke B is placed between the inner sides of the clamps *o o* and the rear end of the heel-plate, bringing the perforation *x* in the yoke B in a line with the bolt or rod *w*, when the latter is screwed into its place, bringing the parts to the positions shown in Fig. 1. The boot being then applied to the skate, and the straps *c c* buckled around it, the heel A is firmly drawn against the yoke B and tightly secured to the skate.

This fastening may be easily carried in the pocket of skaters, ready for use in any emergency, as above described.

Fig. 2 illustrates the manner of using said fastening with a wood-frame skate in place of the ordinary fastening. the yoke B being attached by the screw w^2, which enters the rear end of the foot-piece K^2.

What I claim as my invention is—

The within-described portable skate-fastening, consisting of a metallic strap-yoke having a perforated leg, and having straps attached to its arms, substantially as and for the purpose set forth.

EVERETT H. BARNEY.

Witnesses:

WM. H. CHAPIN,

J. D. GARFIELD.