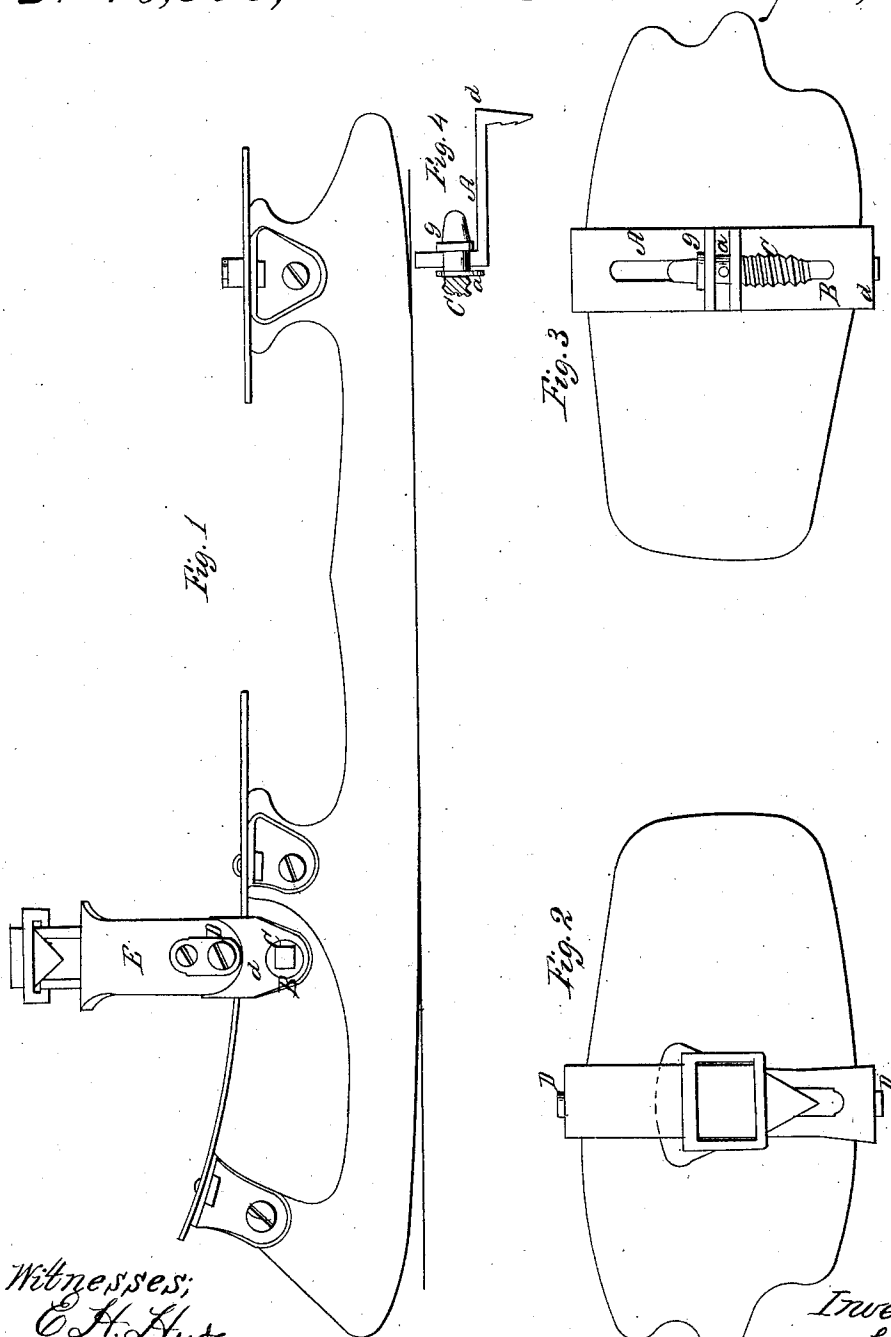


E. H. Barney,

Skate,

No 76,383,

Patented Apr. 7, 1868.



Witnesses;
C. H. Hyde
C. R. Hissman

Inventor;
E. H. Barney
by his Attorney,
J. R. Gardner

United States Patent Office.

E. H. BARNEY, OF SPRINGFIELD, MASSACHUSETTS.

Letters Patent No. 76,383, dated April 7, 1868.

IMPROVEMENT IN SKATES.

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, E. H. BARNEY, of Springfield, Hampden county, Commonwealth of Massachusetts, have invented certain new and useful Improvements in Skate-Fastenings; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to letters of reference marked thereon.

My invention relates to the formation or construction of the outer and lower portion of that part of the fastening which clamps against the sole of the boot, whereby the skater is enabled to use said portion of the fastening as a skating-edge, whenever the skate is used at such an angle that the runner of the skate does not touch the ice, or when the said lower portion of the clamp or fastening does touch the ice in skating. In the drawings—

Figure 1 is a side view of a skate having my invention applied.

Figure 2 is a top view.

Figure 3 is a bottom view; and

Figure 4 is a side view of the fastening, showing the sharp or safety edge thereon.

I make the general form of the fastening in the usual manner, consisting of the part A, having at one end a projection, through which operates the screw which moves the fastenings inward or outward, the other end of the part A having a projection, which has teeth thereon upon the inner side, said projection or ear coming against the outer edge of the sole of the boot in securing the skate to the boot. The lower part of said projection, on its outer side, I make sharp, as shown at *d*, and also curved in such manner that when used by the skater as a skating-edge, as it is often desirable to do, there are no corners to catch in the ice, but such edge *d* may be used easily and conveniently in performing certain evolutions both backwards and forwards.

I do not wish to confine myself to any particular degree of angle in forming the sharp edge *d*, as the angle may be more or less acute, but I make it of any degree of sharpness which will enable the skater to use it successfully as a skating-edge in skating. Neither do I wish to confine myself to any particular degree of curvature, or to any particular curve upon the lower edge of said projection or ear; but I do confine myself to such and any curvature as will prevent the corners or the lower edge of said projection from catching in the ice in skating, whenever said edge *d* is used as a skating or safety-edge.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A skate-fastening, having the sharp or safety-edge *d* formed upon the outer and lower portion of the clamp, when constructed and operating substantially as herein described, and for the purposes specified.

E. H. BARNEY.

Witnesses:

J. B. GARDINER,

J. E. FULLER.