

(No Model.)

J. A. WHELPLEY.

SKATE.

No. 377,703.

Patented Feb. 7, 1888.

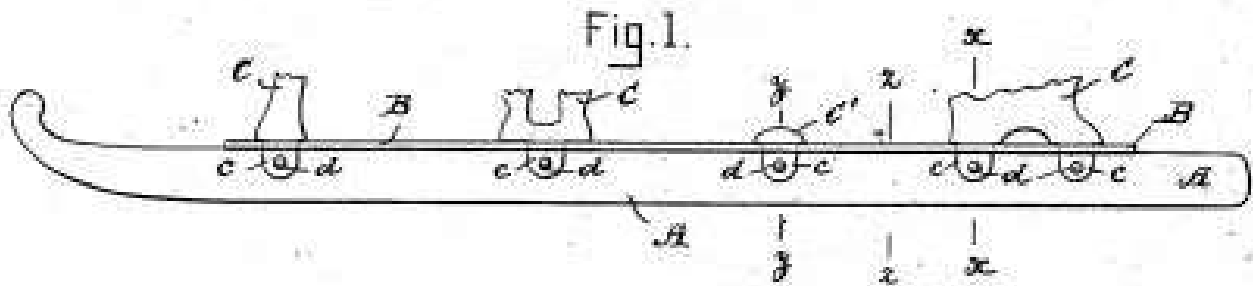


Fig. 2.



Fig. 3.



Fig. 4.



Witnesses:

George Seltzer  
R. J. White

Inventor.

James Albert Whelpley  
by C. Blanta.  
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# UNITED STATES PATENT OFFICE.

JAMES A. WHELPLEY, OF KEENE, NEW HAMPSHIRE, ASSIGNOR TO THE  
KEENE MANUFACTURING COMPANY, OF SAME PLACE.

## SKATE.

SPECIFICATION forming part of Letters Patent No. 377,703, dated February 7, 1888.

Application filed March 9, 1887. Serial No. 230,303. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES ALBERT WHELPLEY, a citizen of Canada, residing at Keene, in the county of Cheshire and State of New Hampshire, have invented a new and useful Improvement in Ice-Skates, of which the following is a specification.

My invention relates to that class of skates known as "racing-skates"—that is, skates with very long blades.

Heretofore the runners of skates of this class have been made thick, because a thin runner was not strong enough, and runners so made interfere very materially with the speed of the skater.

Now, the object of my invention is to produce a racing-skate with a thin runner.

The invention consists in securing upon the top of the runner a thin flat piece of metal, whereby the runner is materially strengthened, and I am enabled to employ a comparatively thin runner.

Referring to the accompanying drawings, Figure 1 is a side view of a racing-skate embodying my invention, with the foot-plate removed. Fig. 2 is a section on line *xx* of Fig. 1. Fig. 3 is a section on line *zz* of Fig. 1. Fig. 4 is a section on line *yy* of Fig. 1.

A represents the runner, to the top of which

is secured a flat piece of metal, B, that gives rigidity to the runner A. This piece of metal A, I prefer to secure to the runner in the manner shown in the drawings—that is, by means of the hangers C, the lower ends of which are provided with lugs *c*, that pass through slits formed in the flat metal piece B, a hole being made through the lugs and the runner, so that they can be secured together by means of the rivets *d d*.

When there is a long space between the hangers, I secure the flat piece of metal B to the runner A by means of pieces of metal, C', provided at the lower ends with lugs *c*, and rivet them together, as described with reference to the hangers C.

What I claim as my invention is—

In an ice-skate, the runner A, provided with a strengthening or stiffening plate, B, secured thereto by means of hangers provided with lugs *c*, secured to the runner by rivets *d*, substantially as shown and described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JAMES A. WHELPLEY.

Witnesses:

CHAS. STEERE,  
E. PLANTA.