

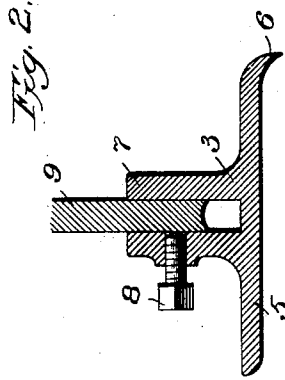
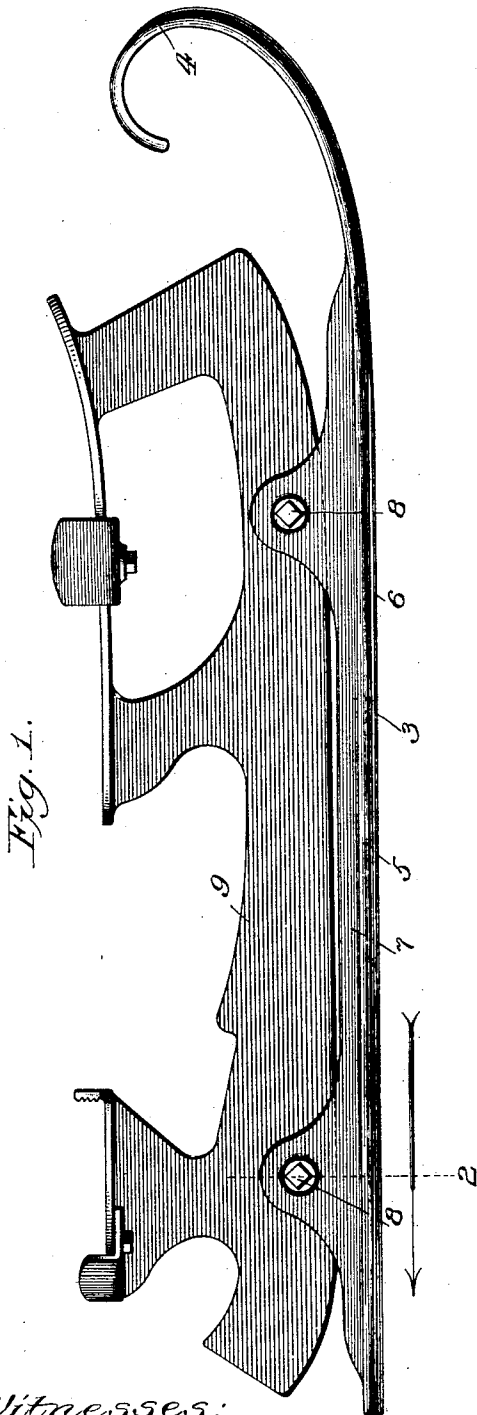
No. 710,537.

Patented Oct. 7, 1902.

P. M. STROMSEM.  
SKATE RUNNER.

(Application filed Aug. 14, 1901.)

(No Model.)



Witnesses:  
*Ed. S. Taylor*  
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Inventor:  
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*Att'y.*

# UNITED STATES PATENT OFFICE.

PETER M. STROMSEM, OF CHICAGO, ILLINOIS, ASSIGNOR OF TWO-THIRDS  
TO FRED STROMSEM AND OLE BJERKAN, OF CHICAGO, ILLINOIS.

## SKATE-RUNNER.

SPECIFICATION forming part of Letters Patent No. 710,537, dated October 7, 1902.

Application filed August 14, 1901. Serial No. 72,073. (No model.)

*To all whom it may concern:*

Be it known that I, PETER M. STROMSEM, a citizen of the United States, residing at Chicago, Cook county, Illinois, have invented certain new and useful Improvements in Skate-Runners, of which the following, taken in connection with the accompanying drawings, is a specification.

My invention relates to an improved construction of skate-runner which can be used for skating on the upper surface of snow or in like places where there is sufficient hardness of the crust to permit it.

The object of my invention is the provision of a skate-runner for the purpose specified which will present a wide bearing-face to the surface on which it rests and secure a firm hold upon the upper crust of the snow when the runner is forced out to either side by the propelling action of the foot, but which because of one of its edges being made plain or unlippped will slide more freely in straight-ahead running than would a runner which presents lipped or cutting edges on each side.

The above, as well as such other objects as may hereinafter appear, I attain by means of a construction which I have illustrated in preferred form in the accompanying drawings, in which—

Figure 1 represents a skate having my improved runner applied thereto so as to be removable therefrom, leaving the skate with the ordinary form of runner to be used on ice, if desired; and Fig. 2 is a section taken on the line 2 of Fig. 1, showing the preferred means employed by me for securing my improved runner to the skate-runner.

In carrying out my invention I provide, first, a runner 3, having a curved forward portion 4 and a wide tread portion 5, designed to give a large bearing upon the surface of the snow in order to support the weight there-

on. The tread portion 5 is provided at one side thereof with a downward projection 6, constructed to be sharpened to secure an efficient hold upon the surface of the snow on the propelling stroke, said downward projection being located on the inner side of the runner—that is, on the side of the runner which is designed to come upon the inside of the foot.

In the preferred form of my invention I construct the runner 3 as a separate piece provided with lugs 7, adapted to receive a set-screw 8, whereby the part 3 is held in place upon a runner 9 of ordinary construction, such as is employed in the usual form of ice-skate.

It is obvious that a special skate could be built containing my invention, if so desired, the regular runner of the skate being itself widened at the base to afford a wide tread portion corresponding to the tread portion 5 and provided with a downward projection 6, whereby to secure a firm resistance from the upper surface of the snow on the propelling stroke of the foot.

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

A skate-runner having a wide tread portion, the edge of said tread portion adapted for use upon the inside of the skate being formed into a downward projection or lip, the opposite edge being plain or unlippped, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

PETER M. STROMSEM.

In presence of—

OLE BJERKAN,  
FRED STROMSEM.