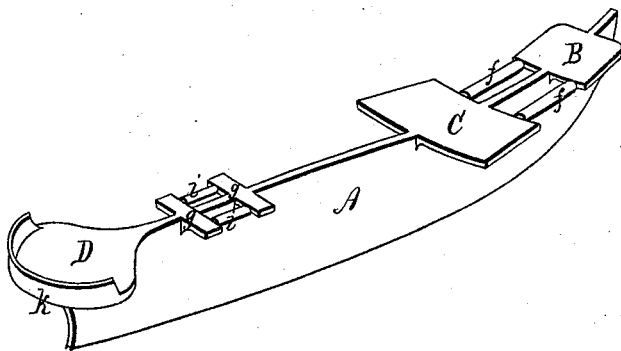


*B.F. Shelabarger,*

*Skate,*

*Nº 5,138,*

*Patented June 5, 1847.*



# UNITED STATES PATENT OFFICE.

B. F. SHELABARGER, OF MIFFLINTOWN, PENNSYLVANIA.

## SKATE.

Specification of Letters Patent No. 5,138, dated June 5, 1847.

*To all whom it may concern:*

Be it known that I, B. F. SHELABARGER, of Mifflintown, in the county of Juniata and State of Pennsylvania, have invented  
5 a new and Improved Method of Manufacturing Skates; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing, making a part of  
10 this specification.

The nature of my invention consists in casting solid with the runner of a skate, three thin plates for the heel, ball, and toe of the foot to rest upon, and also eyes or  
15 loops to attach the straps to for fastening the skate to the foot.

A, is the runner.

B, is the plate for the toe, C, for the ball, and D, for the heel of the foot to rest  
20 upon,—all cast solid with the upper edge of the runner.

k, is a flange rising from the rear side of D, for the purpose of keeping the heel firmly seated.

25 f, f, are small bars cast solid with, and extending from the plates B, to C, to which are made fast the toe straps for securing the skate to the foot.

g, g, are transverse arms between C, and D, cast solid with and extending each side 30 of the runner; the ends of which are united by the longitudinal bars i, i, to which the heel straps are secured. The bars f, f, and i, i, I generally incase with sheet copper or tin, to prevent them from injuring the 35 straps.

The forms of the respective plates B, C, and D, may be varied to suit the taste and fancy of different persons.

Having thus fully described my improved 40 method of manufacturing skates, what I claim as my invention and desire to secure by Letters Patent, is—

The casting the plates B, C, and D, for the foot to rest upon, and the bars f, f, and 45 i, i, to attach the straps to, all solid with the runner A, respectively arranged and proportioned substantially as herein set forth.

B. F. SHELABARGER.

Witnesses:

GEORGE BUSH,  
JOS. M. BELFORD.