

J. DRUCKLIEB.

ANKLE SUPPORTS FOR SKATES.

No. 178,052.

Patented May 30, 1876.

Fig: 1.

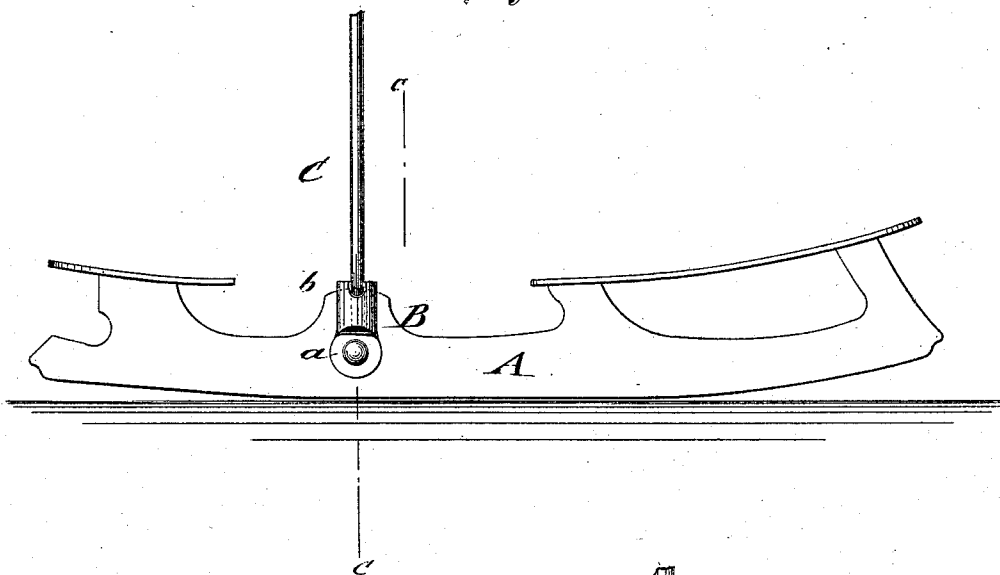
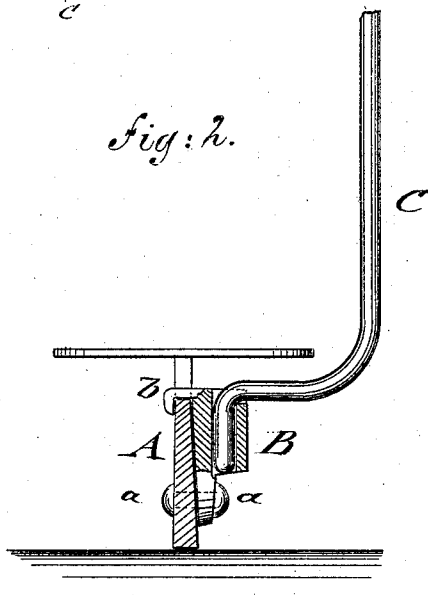


Fig: 2.



WITNESSES:

Chas. Nida
John Goethals

INVENTOR:

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UNITED STATES PATENT OFFICE.

JULIUS DRUCKLIEB, OF JERSEY CITY HEIGHTS, NEW JERSEY.

IMPROVEMENT IN ANKLE-SUPPORTS FOR SKATES.

Specification forming part of Letters Patent No. **178,052**, dated May 30, 1876; application filed March 13, 1876.

To all whom it may concern:

Be it known that I, JULIUS DRUCKLIEB, of Jersey City Heights, Hudson county, New Jersey, have invented a new and Improved Skate Attachment, of which the following is a specification:

Figure 1 represents a side view of a skate with my improved attachment, and Fig. 2 a vertical transverse section of the same on line *c c*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of my invention is to provide the skates with an improved attachment by which learners are enabled to acquire the art of skating in an easier and less fatiguing manner, and adepts to practice longer with less fatigue.

The invention consists of an outwardly-curved supporting-rod that is applied to a socket pivoted to the side of the runner.

In the drawing, A represents the runner of a skate; B, a swinging socket that is applied to the runner at a point intermediately between the sole and heel plates of the skate. The socket B is applied to the runner by a pivot-pin, *a*, and a guide-disk, or it may be pivoted at the lower part and guided by a top flange, *b*, on the upper arc-shaped edge of the runner to swing freely and steadily there-

on. The leg-supporting rod C is set into the socket and bent first in outward direction and then upward at suitable length to pass along the leg, and serve as a support to the muscles of the same. The rod C is slipped through the loop of the boot, or in other manner connected to the leg, so as to follow by its swinging socket the motion of the same.

The socket may be recessed at the upper end for the supporting-rod, and thereby the motion of the same steadied and confined to a forward and backward motion with the leg.

The supporting-rod makes it easier to beginners to learn to skate, while it gives to the accomplished skater a support for the lower muscles, so that he can hold out longer and practice with less fatigue than with the common skate.

I am aware that it is not broadly new to provide a skate with an ankle supporting attachment pivoted to the runner; but

What I claim is—

An ankle-support for skates, provided with a socket, B, swinging on the pivot *a*, and guided by a top flange, *b*, as shown and described, for the purpose specified.

JULIUS DRUCKLIEB.

Witnesses:

PAUL GOEPEL,
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