

B. M. LANK.
Improvement in Skates.

No. 115,487.

Patented May 30, 1871.

Fig. 1.

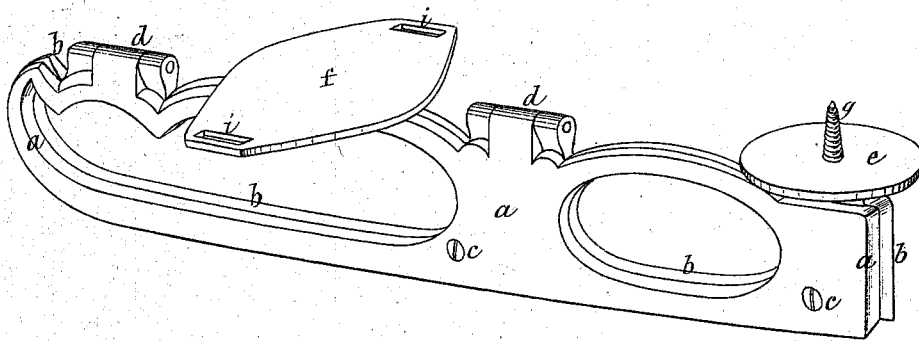


Fig. 2.

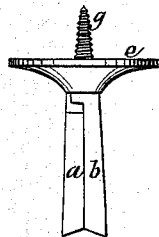
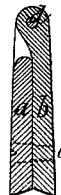


Fig. 3.



Witnesses,
James D. Patten
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By atty. A. B. Stoughton.

UNITED STATES PATENT OFFICE.

BEECHER M. LANK, OF OSWEGO, KANSAS.

IMPROVEMENT IN SKATES.

Specification forming part of Letters Patent No. 115,487, dated May 30, 1871.

To all whom it may concern:

Be it known that I, BEECHER M. LANK, of Oswego, in the county of Labette and State of Kansas, have invented certain new and useful Improvements in Skates; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 represents a perspective view of the skate; Fig. 2 represents a rear elevation thereof; and Fig. 3 represents a vertical transverse section through the skate at the central hinge.

Similar letters of reference where they occur in the separate figures denote like parts of the skate in the drawing.

I am aware that skate-runners have been made of two parallel pieces of metal united by screws, so that they may be separated and ground singly and again united; this I do not lay any claim to.

My invention consists in making skate runners or irons of two pieces of metal hinged together, and secured by screw or other fastenings, so that the skates, when necessary to be ground, may be swung apart upon their hinged joints or connections far enough to grind the edge of each piece or part of the runner, and then swung back and fastened, by which means the edges of the runners that form the groove in the runner may be laid easily and ground upon an ordinary stone, and the groove still preserved in true shape and form, and by any unskilled operator.

To enable others skilled in the art to make and use my invention, I will proceed to describe the same with reference to the drawing.

The two plates or pieces of which the skate-runner is composed are shown at *a* and *b*; they are hinged together as at *d d*, and, when swung together so as to form a runner, are united by one or more screws, *e*, or other equally firm

fastening. The support *e* for the heel of the boot or shoe of the skater, as well as that, *f*, for supporting the forward part of the foot, are fastened to one of the sections or parts of the runner *b* only. It is immaterial to which half of the runner these supports are secured or fastened. The support *e* has a screw, *g*, projecting above it to take into the heel of the shoe or boot of the user, and the support *f* may have openings or slots *i i* in or through it for straps that pass over the instep or forward part of the foot to fasten the skate to the foot. The groove, as will be seen in Figs. 2 and 3, is of a *V* or angular form, so that when the two parts or sections, *a b*, that form it are separated the bevel ground on each is a plain flat surface, and may be held against and ground upon an ordinary stone, like any other straight-edged article. The two sections, *a b*, are precisely alike, except that their beveled edges, which, when put together, form the angular groove, incline in contrary directions.

And though I have represented a good and cheap form of skate in the drawing illustrative of my invention, other forms and more or less ornamental ones may be used; and so long as the runners are made of two pieces hinged together, for the purpose herein described, they would come within my invention.

Having thus fully described my invention, what I claim as new is—

A runner for skates composed of two parts or sections hinged together so that they may be swung apart but still be held in true and proper position for grinding, and when ground be swung together and fastened into one, as it were, substantially as and for the purpose herein described and represented.

BEECHER M. LANK.

Witnesses:

J. W. DAVIDSON,
J. W. PARKER.