

No. 672,376.

Patented Apr. 16, 1901.

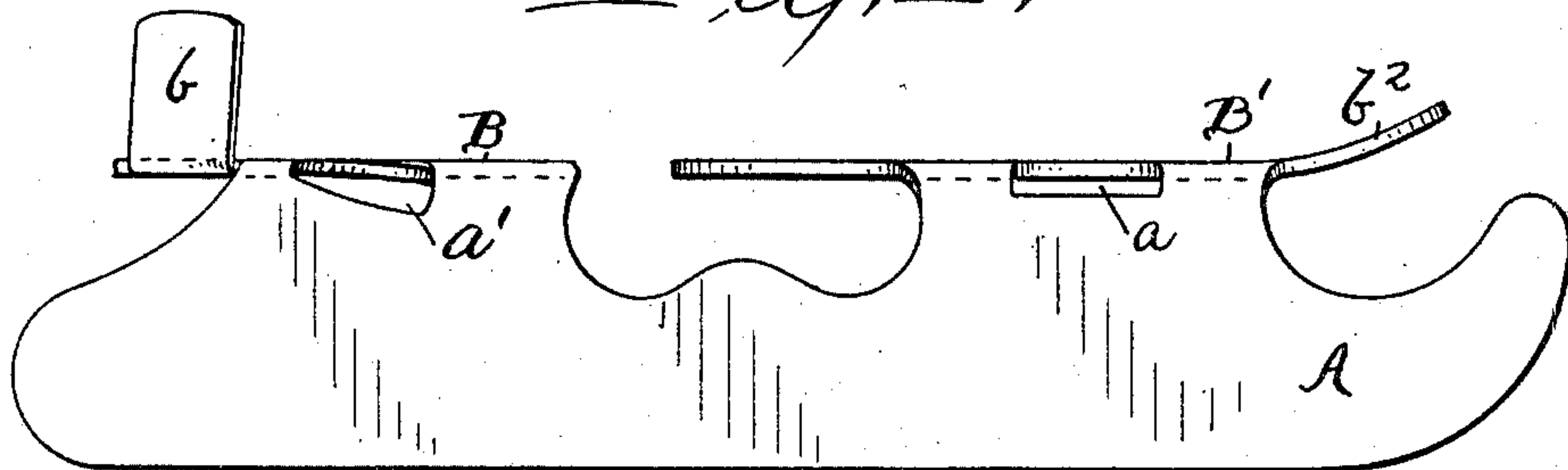
W. S. JUDD.

SKATE.

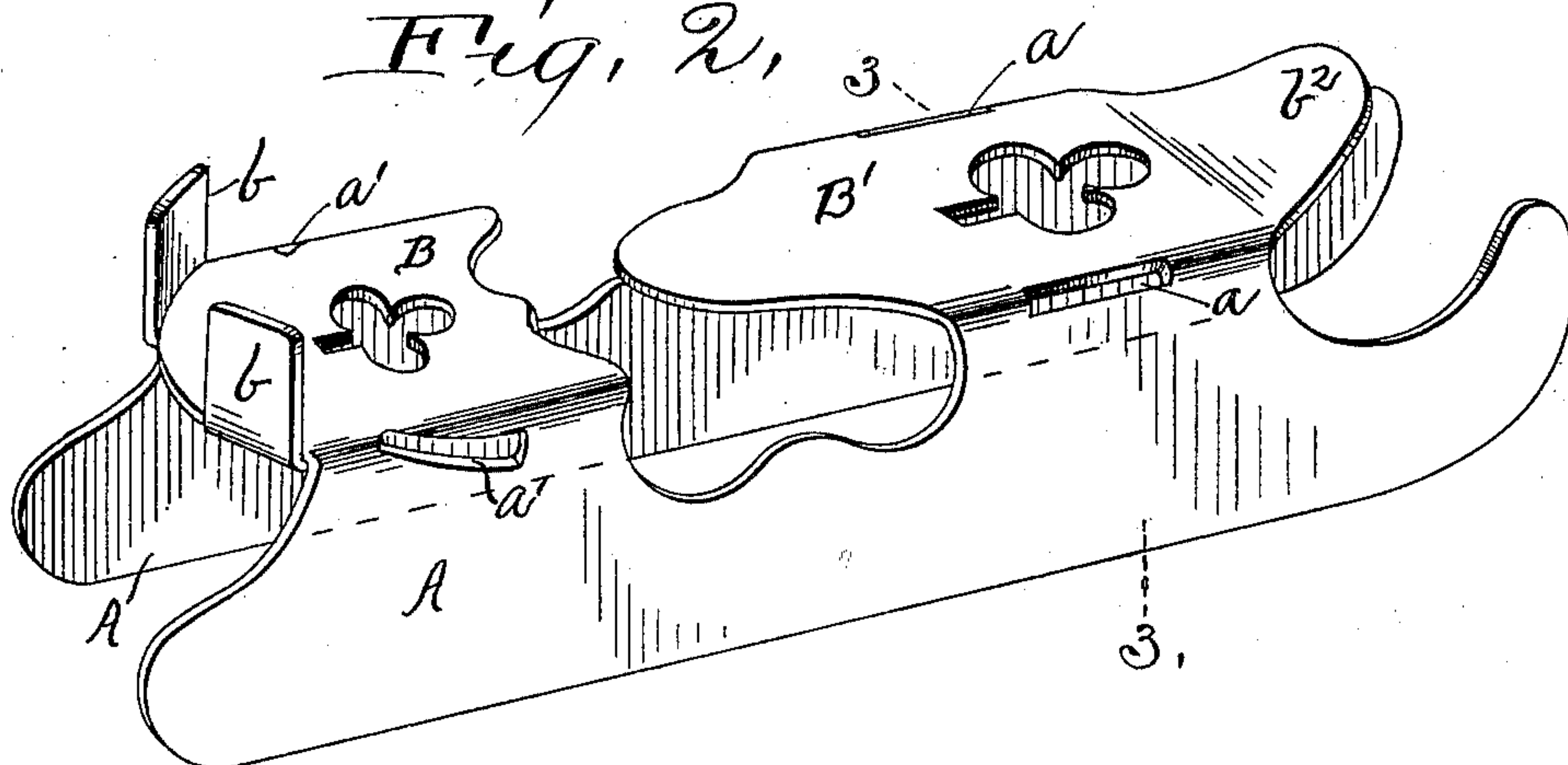
(Application filed Nov. 6, 1899.)

(No Model.)

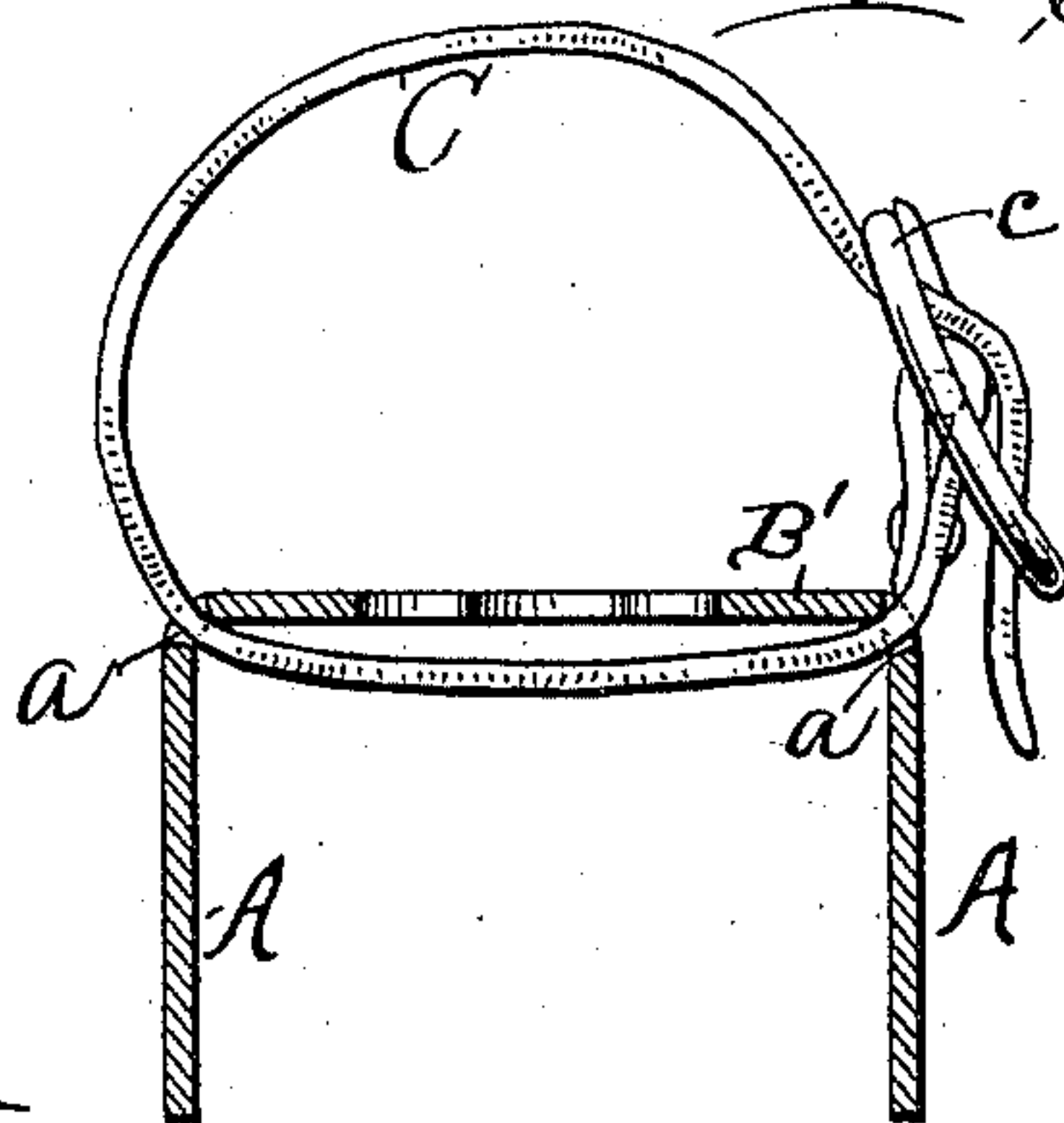
*Fig. 1,*



*Fig. 2,*



*Fig. 3,*



Witnesses.  
E. B. Gilchuck  
H. Knowlton

Inventor.  
Wallace S. Judd,  
By his Attorneys,  
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# UNITED STATES PATENT OFFICE.

WALLACE S. JUDD, OF CLEVELAND, OHIO, ASSIGNOR TO THE AVERY  
STAMPING COMPANY, OF SAME PLACE.

## SKATE.

SPECIFICATION forming part of Letters Patent No. 672,376, dated April 16, 1901.

Application filed November 6, 1899. Serial No. 735,882. (No model.)

*To all whom it may concern:*

Be it known that I, WALLACE S. JUDD, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented a certain new and useful Improvement in Skates, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings.

My invention is for a skate primarily intended for the use of children in sidewalk-skating or other rough usage; and my object is to provide in a very simple and cheap form a double-runner skate, so that there will be no difficulty in the child's standing up on it and no danger of the skate slipping or the wearer's ankle turning.

To this end the invention consists of the skate having the characteristics hereinafter described, and definitely set out in the claims.

The drawings clearly show my invention embodied in the form which seems to me most desirable.

Figure 1 is a side elevation, and Fig. 2 is a perspective view, of the skate without the fastening devices; and Fig. 3 is a vertical section on line 3 3 of Fig. 2, showing a fastening-strap.

The skate is made of a single piece of sheet metal, which is cut into a blank of proper form and then bent into shape.

A A represent the two runners. The foot-support consists of the heel-plate B and the toe-plate B'. At the rear of the heel-plate are a pair of upturned wings b, which prevent the skate shifting forward on the foot. For a corresponding purpose the front end b<sup>2</sup> of the toe-plate is bent up.

The skate may be fastened to the foot by any desirable fastening device. That shown I believe to be the simplest and cheapest. It consists simply of a strap with an ordinary buckle. The front strap C is shown in Fig. 3. It passes beneath the plate B' through the openings a, which are preferably made at the angle where the runner bends down from the top plate. An ordinary buckle c is shown

as holding the free end of the strap. The other strap (not shown) passes through the openings a' in the rear part of the skate. These openings are preferably slightly diagonal, the front end being bent downward, as shown, since the strap in passing over the instep of the foot necessarily extends forward.

This skate is absolutely stable in that it provides two supports for the foot, and thus there is no tendency to turn the child's ankle. Moreover, there being two runners it is not necessary for the skate to be so sharp or to be made of such expensive steel to prevent it slipping on the ice. Of course there is nothing to prevent the skate being made in proper size for adults and used in place of the ordinary skate, though, as stated, it is primarily intended for children's use.

Having described my invention, I claim—

1. A sheet-metal skate consisting of a top plate and integral runners depending from the extreme side edges of the top plate, there being slots at the angles of the top and runners, substantially as described.

2. A skate having a foot-plate adapted to extend substantially clear across the sole of the shoe of the wearer thereof, and having runners depending from its side edges, and slots adapted to receive straps in the angle between said foot-plate and said runners, substantially as described.

3. A skate adapted to be formed from a piece of sheet metal, and consisting of a foot-plate having runners depending from the side edges thereof, said skate having slots near the toe thereof in the angle between said runners and said foot-plate, and slots near the heel thereof, said heel-slots being inclined to adapt a strap passing therethrough to conform to the wearer's instep, substantially as described.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

WALLACE S. JUDD.

Witnesses:

H. M. WISE,

ALBERT H. BATES.