

1,045,594.

[illegible]

FIG. 1.

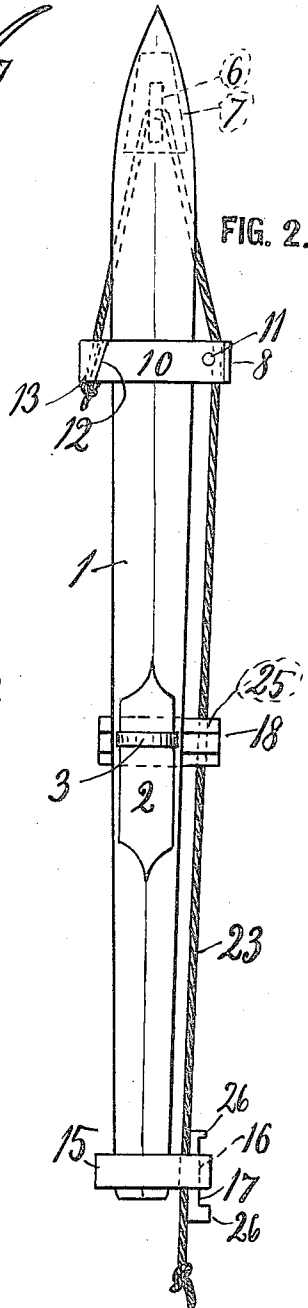


FIG. 2.

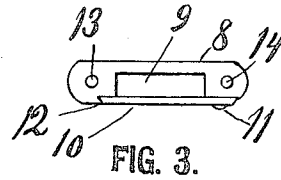


FIG. 3.

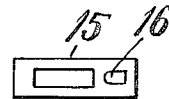


FIG. 4.

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By his ATTORNEY:
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UNITED STATES PATENT OFFICE.

CARL NYBERG, OF ST. PAUL, MINNESOTA.

SKEE-FORM PROTECTOR.

1,045,594.

Specification of Letters Patent.

Patented Nov. 26, 1912.

Application filed July 22, 1912. Serial No. 710,794.

To all whom it may concern:

Be it known that I, CARL NYBERG, a subject of the King of Sweden, residing at St. Paul, in the county of Ramsey and State of Minnesota, have invented a new and useful Skee-Form Protector, of which the following is a specification.

My invention relates to means for preserving the shape of skees when they are for a considerable length of time not in use, especially in the warm season when they are apt to warp out of shape; and the object is to provide a cheap yet effective device for said purpose.

In the accompanying drawing:—Figure 1 is an edge view of a pair of skees with my form-retaining device applied to same. Fig. 2 is a left hand side view of Fig. 1. Fig. 3 is a top view of the keeper shown to the left thereof in Fig. 2. Fig. 4 is a top view of the lowest keeper in Fig. 2.

Referring to the drawing by reference numerals, 1, 1 designate a pair of skees each of which is provided with the usual step 2 and toe strap 3, and is bulged upward near the middle, as at 4, so as to assume a straight form when the weight of a person comes onto them. In a good skee the curve 4 is almost as important as the front curve 5. The especial aim of my device is, therefore, to preserve or protect said curves, and to that end I provide the following means: Between the forward curves of the skees I provide a cross brace or prop 6 having curved end-pieces 7 to fit fairly well the curved front ends of any skees. At the contacting point of the two skees near the front curve 5 I provide a clamp 8 having a side gap 9 adapted to receive the skees, and is provided with a closing strip 10, pivoted at 11 and adapted to close the gap and engage in a groove 12 of the block. Said block is provided near each end with a hole 13, 14. Upon the lower end of the skees is fitted a yoke-shaped keeper 15, in one end of which is a slotted hole 16 with a double-headed key 17 slidably fitted therein. For insertion between the middle portions of the skees is a block 18, which is preferably polygonal so that its diameter is greatest between the two opposite sides 19, smaller between the sides 20, still smaller between the faces 21, and smallest between the faces 22, so that by turning the block in various positions it will hold the middle of the skees

more or less separated. Said block has a hole 25 near one end.

23 is a cord or small rope having its upper end secured in the hole 13 of the keeper 8, is then passed through a hole 24 in the prop 6 and thence downward through the holes 14 in prop 8 and 25 in prop 18, and thence through the slotted hole 16 in the keeper 15, where it is tightened by said wedge-shaped key 17 and thus held adjusted according to the length of the skees.

In the make up of the device the key is first inserted then the rope, and after a knot is tied at the end of the rope so it can not be accidentally removed, the key is retained by the rope and by the heads or hooks 26 at its ends. In the simplest grade of the device the key 17 may be omitted and the rope simply stretched and tied to the keeper 15 in any suitable manner. While the parts are thus adjusted as shown in Figs. 1 and 2 the skees will retain their shape during shipping, storing and exposure to changes in the atmospheric conditions. And when the skees are to be used the key 17 is simply pushed downward so as to loosen the rope 23, and by slacking the rope the keeper 15 may be removed downward, the latch 10 is then swung downward and the keeper 8 and prop 6—7 removed. The replacing of the device is already understood except this which may be mentioned, that in some cases the skees may have their front ends inserted into the keeper 8 without opening the latch 10, and hence in some cases the said latch may be omitted and the keeper made integral, with 8 as a slotted hole through it. It will appear from the claims, therefore, that the latch 10 is only a further development of the keeper 8. The cord also serves to keep the parts of the device together when not in use.

What I claim is:—

1. A skee form protector comprising a prop adapted to go between the bottoms of the toe portions of the skees, a keeper adapted to embrace the skees near their front curves, a keeper adapted to hold the rear ends of the skees together, a prop adapted for insertion between the middle portions of the skees and means for holding said parts in said position.

2. A skee form protector comprising a prop adapted to go between the bottoms of

the toe portions of the skees, a keeper adapted to embrace the skees near their front curves, a keeper adapted to hold the rear ends of the skees together, a prop adapted for insertion between the middle portions of the skees and means for holding said parts in said position, said prop at the middle of the skees being polygonal and varying in distance between each pair of opposite sides.

3. A skee form protector comprising a prop adapted to go between the bottoms of the toe portions of the skees, a keeper adapted to embrace the skees near their front curves, a keeper adapted to hold the rear ends of the skees together, a prop adapted for insertion between the middle portions of the skees and means for holding said parts in said position, said means for holding the parts in place consisting of a flexible member slidable through the several parts and having one end secured to one of the parts and the other end slidable in and securable to one of the parts.

4. A skee form protector comprising a prop adapted to go between the bottoms of the toe portions of the skees, a keeper adapted to embrace the skees near their front curves, a keeper adapted to hold the rear

ends of the skees together, a prop adapted for insertion between the middle portions of the skees and means for holding said parts in said positions, said means for holding the parts in place consisting of a flexible member slidable through the several parts and having one end secured to one of the parts and the other end slidable in one of the parts, and means for holding said sliding end adjusted in said part.

5. A skee form protector comprising a prop adapted to go between the bottoms of the toe portions of the skees, a keeper adapted to embrace the skees near their front curves, a keeper adapted to hold the rear ends of the skees together, a prop adapted for insertion between the middle portions of the skees and means for holding said parts in said position, said keeper near the front end of the skees having a lateral opening for the skees to pass in and out of, and means for closing said opening.

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

CARL NYBERG.

Witnesses:

HERMAN P. LUNDBERG,
M. W. PEW.