Nov. 8, 1949 G. D. PETERSON 2,487,173

SNOW SCOOTER

Filed Oct. 22, 1946

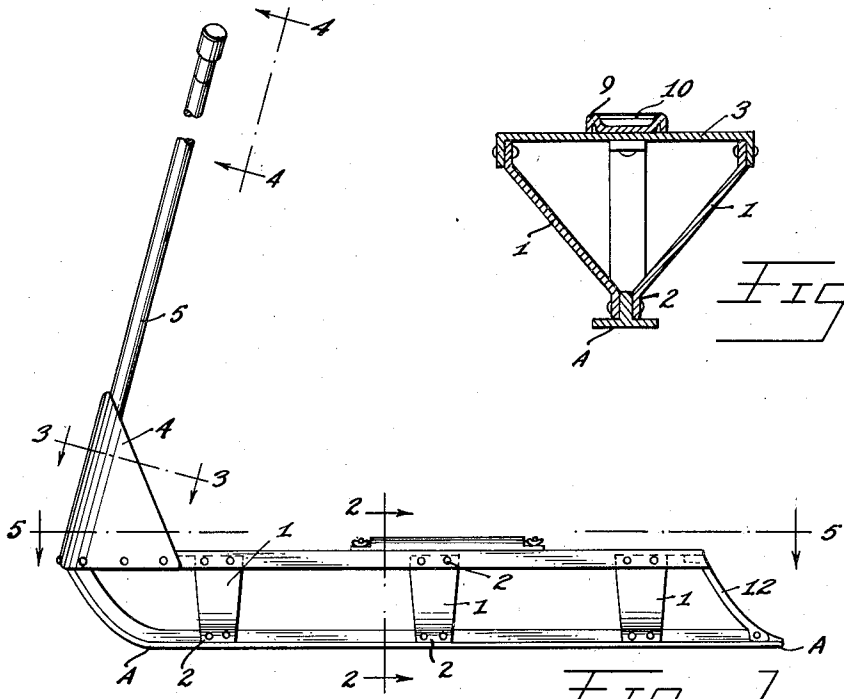


Fig. 1.

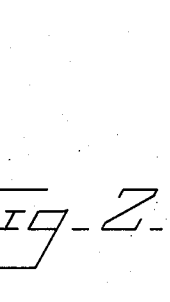


Fig. 2.

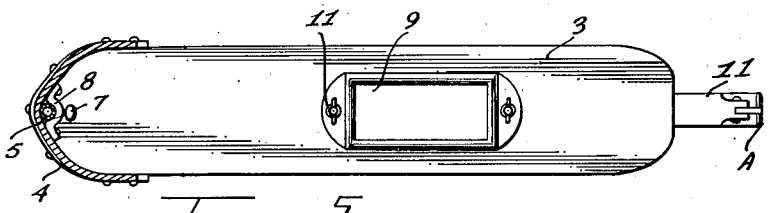


Fig. 5.

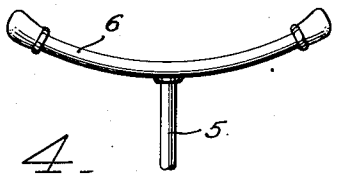
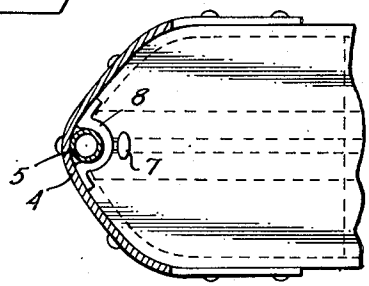


Fig. 4.

Fig. 3.



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SNOW SCOOTER

George D. Peterson, Cannon Falls, Minn.

Application October 22, 1946, Serial No. 704,944

3 Claims. (Cl. 280—23)

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This invention relates to a new and improved snow scooter of which the following is a specification.

The primary object of this invention is the provision of a scooter which is adapted to be easily and swiftly propelled in a scooter fashion over snow and ice thus providing an amusing and safe device for the use of children in the winter time.

Another object of this invention resides in the provision of a scooter of the character described which is safely and easily used by children and which has safety features for the protection of the chlidren thereon.

Still another object of this invention is the provision of a snow scooter of the character described which is of extremely simple and inexpensive, yet sturdy and durable, construction which will make a long-lasting amusement device for children.

Further improvements and advantages of this invention will readily appear to those skilled in the art when the following description is read in the light of the accompanying drawings in which:

Fig. 1 is a side elevation of the scooter.

Fig. 2 is a vertical cross section taken on line 2—2 of Fig. 1.

Fig. 3 is an angular cross section taken on line 3—3 of Fig. 1.

Fig. 4 is a vertical view taken on the line 4—4 of Fig. 1.

Fig. 5 is a horizontal cross section and plan view taken on the line 5—5 of Fig. 1.

Referring now to the drawings in which like numerals indicate similar parts throughout A designates a runner being a T-shaped member constructed of a durable metallic substance having an upwardly curved forward end. The runner is disposed in a position with the flat face of the T head in contact with the snow, ice, or the like.

A plurality of metal braces 1 are affixed by welds, rivets, or the like to the outer face of the upwardly disposed leg of the T as at 2, these braces extending outwardly at substantially a fifty degree angle from the runner where the upper ends are secured to a flat foot platform 3 in the same manner as at 2. These braces are positioned on opposite sides of the runner in spaced relationship therealong.

The forward end of the foot platform 3 is curved and a substantially triangularly shaped shield 4 is affixed about the edge of the forward end to extend upwardly and rearwardly there-

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above to form a protection for the foot platform of the scooter.

A cylindrical metallic bar 5 having a crossed member 6 adapted as a handlebar at its upper end is secured by means of a set screw 7 and a bracket 8 to the lower inner base of the shield member 4, from which it extends upwardly therefrom to an available position above the front end of the foot platform.

A rectangular foot well 9 comprising a raised edged plate with a depression 10 in the center thereof is slidably secured to the upper surface of the foot platform 3 by means of bolts and wing nuts 11. The foot platform may be provided with sets of spaced holes for the bolts adapting the foot well to be selectively positioned along the foot platform. This foot well is adapted to receive one foot of the user of the scooter in a manner so as to prevent it from slipping about on the foot platform of the scooter when the scooter and shoe of the user becomes slippery in contact with the ice and snow.

A brace 12 is secured between the back end of the foot platform 3 and the runner A to strengthen the scooter against banging and jumping shock.

When in use the scooter is balanced in the snow or ice on its runner, the occupant grasps the handlebars 6, inserts one foot in the foot well 9, and by pushing with his other foot against the snow or ice may propel the scooter forward at a high speed over the surface of the snow or ice. Enough room is provided on the foot platform 3 for the occupant to place his second foot when enough speed has been obtained from the scooter to enable him to coast thereon.

Thus it can be seen that an extremely inexpensively constructed scooter of durable and sturdy make has been provided for use by children during the snow months of the year.

Having thus described and explained this invention, what I desire to claim in Letters Patent is:

1. A snow scooter comprising, a single runner, a plurality of triangular-shaped braces secured to said runner in spaced relationship therealong and extending substantially at right angles thereto, a foot platform secured to said runner by said braces, an upwardly disposed shield secured at its lower edge to the forward end of said foot platform, an upwardly and rearwardly disposed handle bar post supported at the forward end of said foot platform by said shield, a handle bar at the top of said post, and a separate foot-re-

taining means secured on said foot platform at a selected position thereon.

2. A snow scooter comprising a single runner of T-shaped cross-section having an upwardly-curved forward end, a plurality of triangular-shaped braces secured to said runner at spaced positions therealong, a horizontally-disposed foot platform secured to said runner by said braces and extending longitudinally of said runner substantially parallel thereto, an upwardly and rearwardly extending snow shield secured at its lower edge to the forward end of said foot platform, an upwardly and rearwardly inclined post removably secured to said shield, a handle bar at the top of said post, and a separate foot well on the outer surface of said foot platform secured to said platform at a predetermined position longitudinally thereof.

3. A snow scooter comprising a runner of T-shaped cross-section curved upwardly at its forward end with the web inwardly of the flange thereof, a plurality of triangular-shaped braces secured to the web of said runner in spaced relationship therealong and at right angles thereto, a flat foot platform secured to said runner by said braces and said upwardly-curved forward end of said runner, said platform extending longitudinally of said runner substantially parallel thereto, a stream-line snow shield secured at its lower edge to the forward edge of said foot platform and inclined upwardly and rearwardly therefrom, a post secured to said shield and extending upwardly and rearwardly from the front edge of said platform, and a separate rectangularly-shaped foot well secured to said foot platform at a selected position thereon.

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