No. 768,977. PATENTED AUG. 30, 1904.

W. F. CLARK & P. T. PERRAULT.

COASTING DEVICE.

APPLICATION FILED FEB. 23, 1904.

NO MODEL.

Fig. 1.

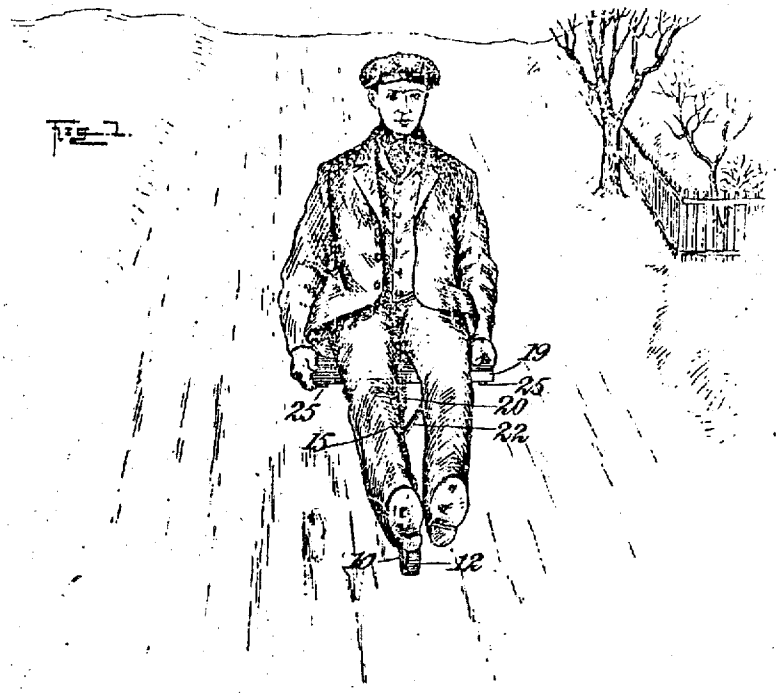
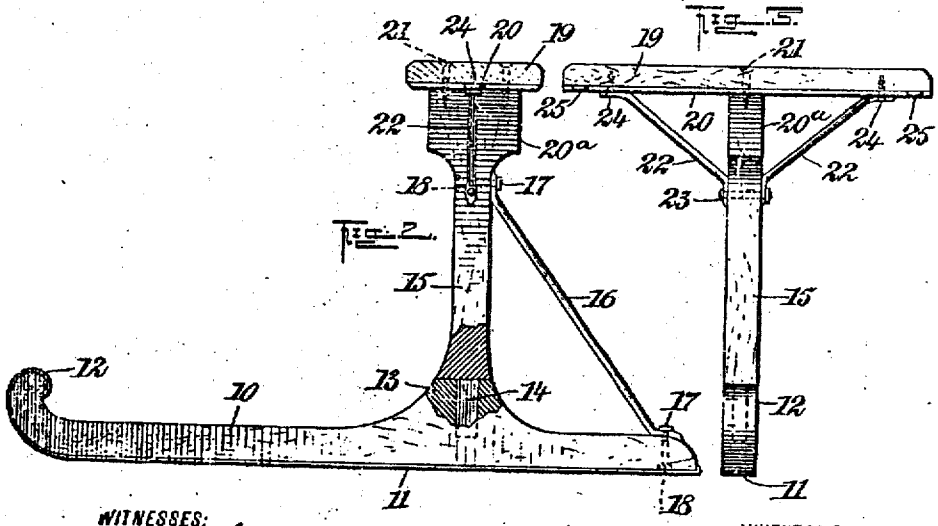


Fig. 5.



WITNESSES:

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No. 768,977. Patented August 30, 1904.

UNITED STATES PATENT OFFICE.

WARREN F. CLARK AND PETER T. PERRAULT, OF NORTH ADAMS, MASSACHUSETTS.

COASTING DEVICE.

SPECIFICATION forming part of Letters Patent No. 768,977, dated August 30, 1904.

Application filed February 23, 1904. Serial No. 194,699. (No model.)

To all whom it may concern:

Be it known that we, WARREN F. CLARK and PETER T. PERRAULT, citizens of the United States, and residents of North Adams, in the county of Berkshire and State of Massachusetts, have invented a new and Improved Coasting Device, of which the following is a full, clear, and exact description.

Our invention relates to devices employed in coasting, being especially adapted for the use of children; and it consists in the various features and combinations hereinafter described and more particularly claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 shows our improved coasting device in use. Fig. 2 is a side elevation of one embodiment of said device, parts being broken away; and Fig. 3 is a full front elevation thereof.

10 designates a runner, which, as here illustrated, is cut from some suitable wood and is preferably shod with a strip of metal 11 secured thereto. The forward end is shown as curved at 12, and between its ends the runner is provided with an upward extension 13, which is recessed to receive the tongue 14 of a standard 15, formed from wood and rising from the runner. At the rear end of the standard is a diagonal brace 16, extending from points near the upper extremity of the standard and the rear of the runner and having its ends conform thereto. The brace is secured at said ends to the contacting elements by means of bolts 17, passing through holes in the runner and standard, the heads 18 of said bolts being preferably countersunk below the surface. Upon the upper end of the standard is carried a seat 19, of wood or other material, and between the seat and standard end is preferably interposed a reinforcing-bar 20, here shown as of metal, extending longitudinally of the seat. Said seat is secured in place by means of screws 21, extending through into the enlarged end 20ª of the standard and situated upon each side of the reinforcing-bar. From the under side, near each end, to the corresponding side of the standard extend lateral braces 22 22, which may be fixed to the latter element by a single bolt 23 and to the former by screws 24, passing through the reinforcing-bar into the seat. At the under side of each end of the seat is also preferably attached a transverse grip-bar 25, which will serve to prevent the fingers of the user from slipping from their hold.

In the use of our device, which is commonly termed a "snow-bike," one places himself upon the seat, and, grasping the ends, raises the feet from the ground and slides upon the runner, maintaining a balance in a vertical position. It will tend to increase the speed and also furnish admirable exercise if the legs are swung back and forth during the slide. It will be seen that it is unnecessary during the coasting to apply the feet to the ground, and therefore the wear and tear upon children's shoes is largely saved, and it is possible to readily turn or to dismount to avoid collision.

Although the runner, standard, and seat have been described as made of wood, it will be obvious that any other suitable material may be substituted and still be within the spirit of our invention and also that any desired number of seats may be applied in tandem to a single runner.

The association of the reinforcing-bar and braces with the seat in the manner specified and connection and bracing of the runner and standard result in an exceedingly strong structure not liable to break in use.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

1. In a coasting device, the combination with a runner, of a standard rising therefrom, a seat carried upon the upper end of the standard, and a reinforcing-bar interposed between the standard and seat.

2. In a coasting device, the combination with a runner, of a standard rising therefrom, a seat carried upon the upper end of the standard, a reinforcing-bar interposed between the standard and seat, braces fixed to the standard and contacting with the under side of the

bar, and securing means extending through the brace and bar into the seat.

3. In a coasting device, the combination with a runner, of a standard rising therefrom, a seat carried upon the upper end of the standard, a longitudinal reinforcing-bar secured to the under side of the seat, and a grip-bar fastened near each end of said seat.

In witness whereof we have signed our names to this specification in the presence of two subscribing witnesses.

WARREN F. CLARK.
PETER T. PERRAULT.

Witnesses:
CHARLES L. FINCK,
ALICE J. DUGGAN.