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1,620,939

J. J. BEHM

CHILD'S COASTER

Filed Nov. 23, 1923

Fig. 1.

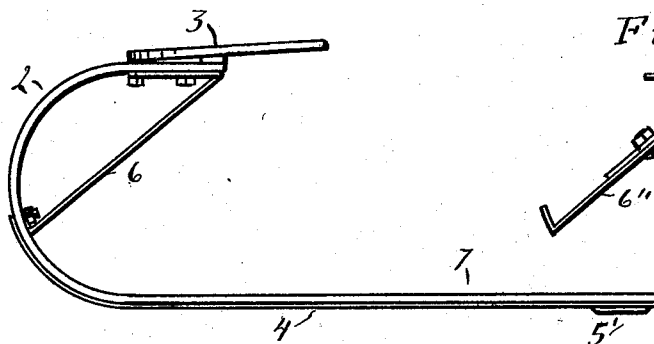


Fig. 6.

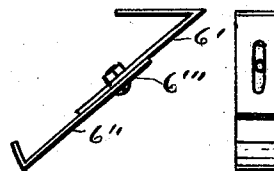


Fig. 2.

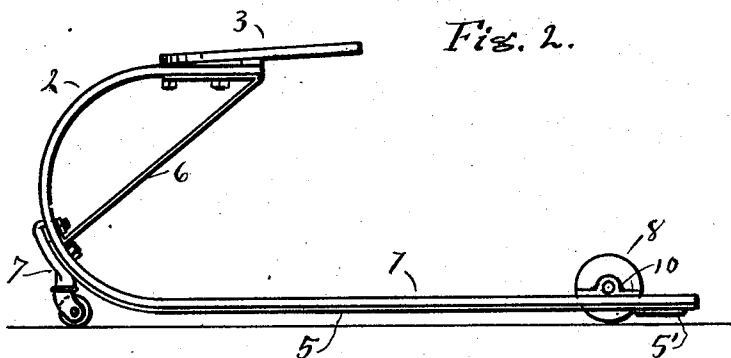


Fig. 3.

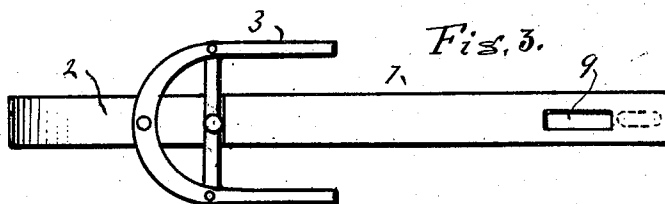


Fig. 5.

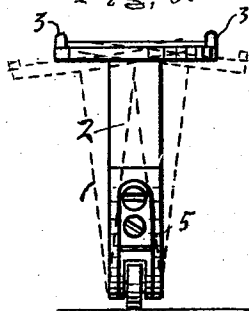
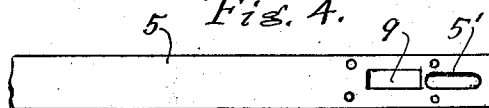


Fig. 4.



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CHILD'S COASTER.

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My invention relates to improvements in children's coasters, and its objects are: first, to provide a means whereby the danger of the back end of the coaster slewing, when coasting upon snow, will be reduced to the minimum; second, to provide a means whereby a wheeled coaster may be readily steered without the necessity of throwing the handles sidewise, and, third, to provide a means whereby the height of the handles may be varied to accommodate the height of the user.

I attain these objects by the several lines of construction shown in the accompanying drawing, in which Fig. 1 is an elevation of the coaster as constructed for use upon snow.

Fig. 2 is a like view for use upon plain road surfaces. Fig. 3 is a top plan of the coaster. Fig. 4 is a bottom plan of the coaster shoe. Fig. 5 is a front elevation of the coaster indicating the manner of steering the same when mounted upon casters, and, Fig. 6 is a side and a front elevation of an adjustable brace, comprising the two parts, 6' and 6'' secured together by the bolt 6'''.

Similar reference numerals indicate similar parts throughout the several views.

This coaster is made up of an ordinary coaster runner 1 curved upwardly and backwardly at the front, as indicated at 2, and having handle bars 3, all supported by a metal brace 6. In this instance I have placed a metal shoe, 5, upon the runner 1, and at the back end of said shoe I have formed a downwardly projecting bearing 5' that is designed to impress itself into the surface of a snow covered slideway sufficiently to avert the danger of this end of the runner being slewed sidewise when the coaster is suddenly turned from a direct course, especially when coasting down hill where a solidly packed snow surface prevails. This projecting bearing should be impressed into the upper surface of the shoe with a press and die so as to form smooth rounded ends below the shoe that will make a smooth clean cut track in the snow.

I convert this coaster into a wheeled, or

summer coaster by placing a non-swiveled wheel 8 through the opening 9 in the runner as shown, and mounted in the bearing 10 in such a manner that it may revolve freely, and, also, a swiveled caster, 7 at the forward end of the runner, as indicated in Fig. 2. The object of using a swiveled caster at this point is to provide a means of steering the coaster, which is done by throwing it over to the right, or to the left, as indicated by the dotted lines in Fig. 5, by which means the caster is swung to one side or the other, and revolves freely with the coaster moving in the desired direction, thus, with the handles, or upper end of the coaster thrown over to the right, the caster will be forced to swing to the left, and vice versa, and will thus guide the coaster as desired.

When it is desired to change the height of the handle when using the adjustable brace the bolt 6''' is loosened and the plates 6' and 6'' are lengthened or shortened as it is desired to raise or lower the handle bars, and when the desired height is attained the bolt is again secured firmly to the plates binding them firmly together.

When this coaster is converted into a wheeled coaster, as hereinbefore described, the bead 5' acts as a strengthening element in the shoe back of the wheel 8.

Having thus fully described my invention, what I claim as new in the art, is:

In combination with a child's coaster having a wooden runner bent upwardly and backwardly at the front end, and having a laterally disposed handle secured across the upper end of the curved part of the runner, said runner protected with an iron shoe, and said shoe having a longitudinally disposed depressed rib near the back end of the runner, and a longitudinally adjustable brace in the curve of the runner for adjusting the height of the handle bar to the height of the child using the coaster.

Signed at Grand Haven, Michigan, November 9th, 1923.

JOHN J. BEHM.