C. F. HAMILTON.

ICE CYCLE.

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1,284,663.

Patented Nov. 12, 1918.

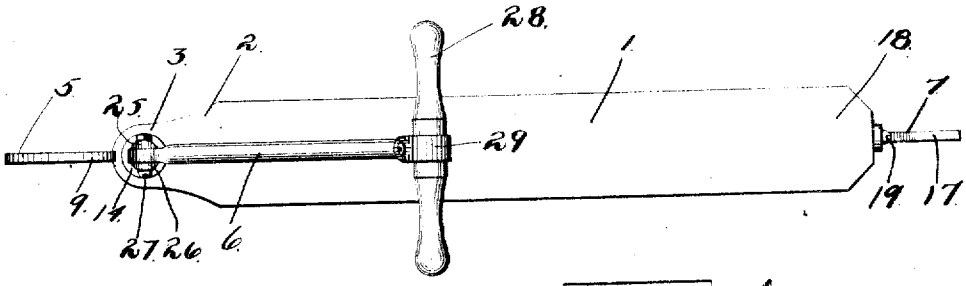

FIG. 1.

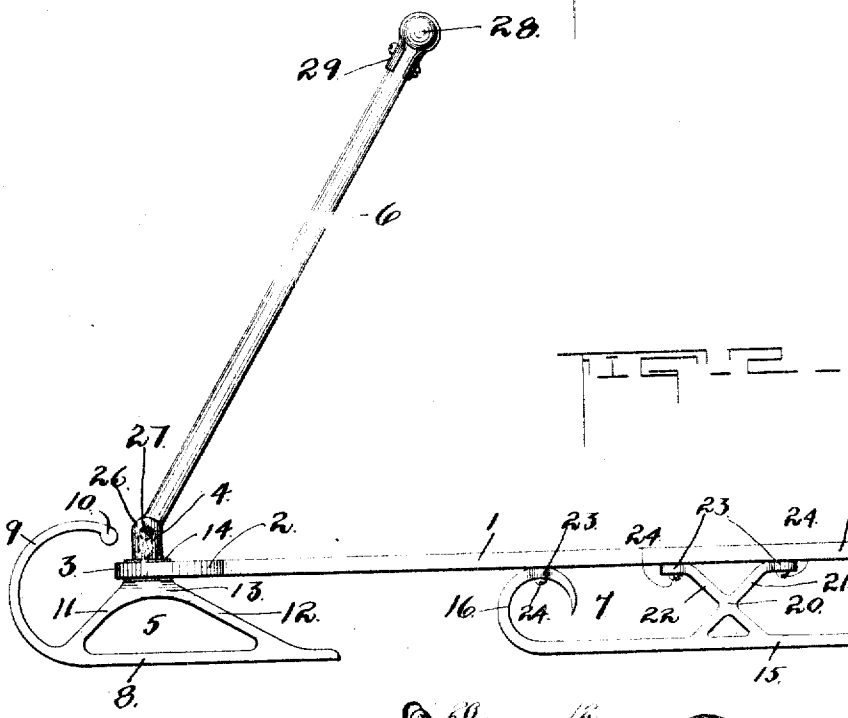

FIG. 2.

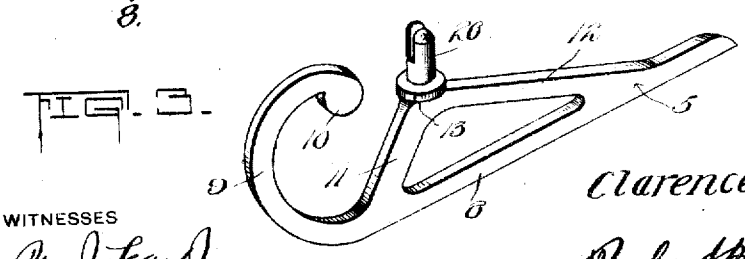

FIG. 3.

WITNESSES

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CLARENCE F. HAMILTON, OF KOKOMO, INDIANA.

ICE-CYCLE.

1,284,663. Specification of Letters Patent. Patented Nov. 12, 1918.

Application filed March 28, 1917. Serial No. 158,010.

To all whom it may concern:

Be it known that I, CLARENCE F. HAMILTON, a citizen of the United States, residing at Kokomo, in the county of Howard and State of Indiana, have invented certain new and useful Improvements in Ice-Cycles, of which the following is a specification.

My invention has reference to coasters and the like, but more particularly to a vehicle on runners designed especially for use on snow and ice.

The object of the invention is to provide a hand sled comprising a small light foot board or platform mounted on runners and adapted to be used especially by children and youths for amusement, as in coasting.

A further object of the invention is to provide a device of the character described which is at all times under the guidance and control of the person using the same and which is composed of but few, simple and inexpensive parts.

With the above and other objects in view, my invention consists in the details of construction, arrangement and combination of parts as will be hereinafter more fully described in the following specification and pointed out in the accompanying drawings, in which:

Figure 1 is a top plan view of the coaster.

Fig. 2 is a view in side elevation thereof.

Fig. 3 is a perspective view of the forward runner.

In carrying out my invention, I provide a platform or foot board 1 upon which the person using the coaster may stand, using one foot at times to propel the coaster. This board is preferably of an elongated shape, being narrow in width and provided at its forward end with a reduced neck portion 2 having a rounded end 3. A suitable opening is provided in the end 3 to permit the vertical journal 4 of the front runner 5 to pass therethrough and be engaged by the steering post 6.

The board 1 is mounted upon a pair of runners 5 and 7 respectively, the forward runner supporting the front end of the board and the hind runner the rear end. The runners are rather long and narrow in construction being somewhat similar to skate runners and are arranged in alinement with the longitudinal center of the board 1, in tandem formation as shown. The forward runner 5 has its shoe 8 extended forwardly of the coaster board and provided with a curved portion 9 terminating in an enlarged knob end 10. Inclined braces 11 and 12 of the runner meet to form a laterally expanded portion 13 upon which the end 3 of the board 1 is adapted to rest, the journal 4 extending through an opening in the end 3 as previously described. A washer 14 is secured on the journal 4 and rests upon the upper surface of the end 3 as shown, it being understood that the journal 4 is mounted to revolve freely in the opening so that the runner 5 may be turned for guiding the coaster in any desired direction.

The rear runner 7 is provided with a shoe 15, the forward end of which is curved back upon itself as at 16, while the other end 17 inclines in the direction of the end 18 of the coaster board and is secured thereto by suitable means 19. Formed integral with the shoe 15 and positioned about midway between the ends 16 and 17 thereof is a cross brace 20 comprising arms 21 and 22 which engage the under surface of the board 1 in like manner as does the curved end 16. Suitable eye bearing portions 23 are carried by these members at their points of contact with the board 1, whereby they may be adequately fastened thereto through the medium of suitable fastening means 24. The eye-bearing elements 23 consist of laterally expanded portions of the respective parts.

For the purpose of manipulating the forward runner 5, a steering post 6 is provided and has its lowermost end reduced for engagement between the bifurcations 25 and 26 of the journal 4, said end 24 being secured therein through the medium of a bolt 27. A cross handle 28 is arranged adjacent the upper end of the steering post 6 and is securely clamped thereto by suitable means 29. By merely moving the handle in the proper direction, the runner 5 will immediately respond and direct the coaster in the direction that the user desires to go, while the handle may also be used for the purpose of pulling the coaster along, since the steering post 6 can be readily directed to extend forwardly of the runners, being freely movable about its pivot 27.

Having thus described my invention what I claim as new and desire to secure by Letters Patent is:

1. An ice coaster, comprising a foot board, tandem runners at the ends of the foot board, the steering runner comprising a shoe

having its front end curved upwardly, and oppositely inclined braces merging at their upper ends in a laterally expanded portion surmounted by a vertical journal which is mounted in the foot board, a washer secured to the journal above the foot board and coacting with the said laterally expanded portion to give stability to the runner, and a steering post pivoted to the upper end of the said journal.

2. An ice coaster, comprising a foot board, runners at opposite ends of the board in tandem, the front runner being vertically journaled and the rear runner fixed and having an intermediate cross brace with the upper ends of the arms laterally expanded and secured to the underside of the board, and having its foward end curved upwardly and rearwardly and laterally expanded at the top and secured to the underside of the foot board, and having its rear end inclined upwardly and forwardly and terminating against the rear end of the foot board and secured thereagainst.

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

CLARENCE F. HAMILTON.

Witnesses:

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