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B. L. SOLBJØR.  
COASTING APPLIANCE.  
FILED SEPT. 10, 1921

FIG. 1.

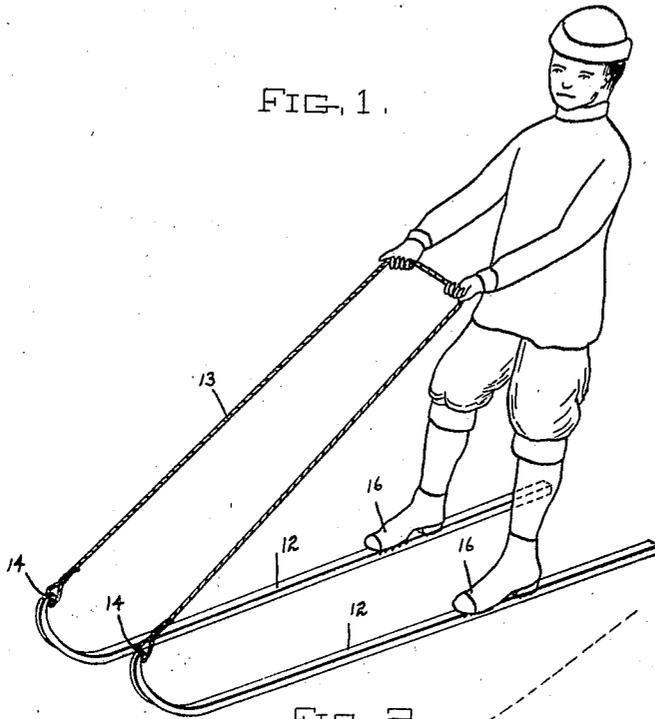


FIG. 2.

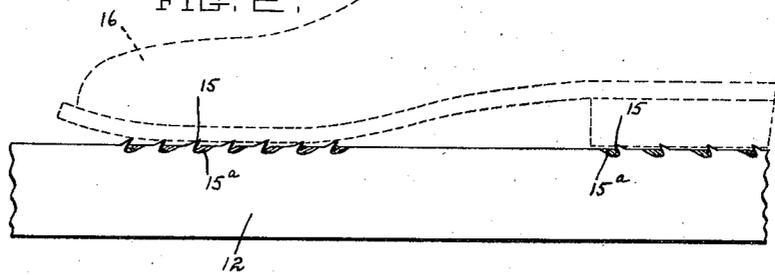
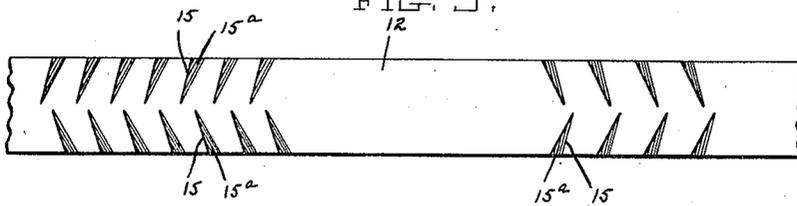


FIG. 3.



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# UNITED STATES PATENT OFFICE.

BIRGER L. SOLBJOR, OF BOSTON, MASSACHUSETTS.

## COASTING APPLIANCE.

Application filed September 10, 1921. Serial No. 499,757.

*To all whom it may concern:*

Be it known that I, BIRGER L. SOLBJOR, a subject of the King of Norway, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented new and useful Improvements in Coasting Appliances, of which the following is a specification.

The object of this invention is to provide an appliance whereby a person may coast, with reasonable safety, in a standing position, and may at the same time steer the appliance.

The invention is embodied in the improved appliance hereinafter described and claimed.

Of the accompanying drawings forming a part of this specification,—

Figure 1 is a perspective view, showing my improved appliance in use.

Figure 2 is a side view of a portion of one of the runners shown by Figure 1.

Figure 3 is a top view of the portion shown by Figure 2.

The same reference characters indicate the same parts in all of the figures.

The appliance is composed of two runners 12, 12, and an elongated flexible member 13, such as a length of stout cord, connecting the runners. Each runner is composed of a metal bar, preferably of rectangular cross section, and about thirty inches long, and five-eighths of an inch square, although these proportions may, of course, be varied. The forward ends of the runners are curved upward and are provided with terminal eyes 14, with which the ends of the connecting member 13 are securely engaged in any suitable manner.

The upper sides of the runners are provided with teeth 15, adapted to indent the bottom, as tread surfaces of the sole and heel, of a shoe 16, and thus prevent the shoe from slipping on the runner, without positively connecting the runner with said bot-

tom, the form of the teeth being such that the shoe may be lifted without lifting the runner.

I prefer to incline the teeth, as shown by Figure 2, so that each has a pronounced rake, and is, therefore, well adapted to prevent slipping of the shoe endwise of the runner. The teeth engaging the sole may be inclined toward the rear end, and those engaging the heel may be inclined toward the forward end.

I also prefer to arrange the teeth obliquely, as shown by Figure 3, to prevent lateral slipping of the shoe on the runner, the teeth being preferably arranged in two rows and formed by indenting the upper surface of the runner to raise portions of said surface, and thus form grooves 15<sup>a</sup> beside the teeth 15.

A person standing on the runners and grasping the member 13, is enabled to coast while leaning slightly backward, the stretches of the member 13 between the hands and the runners acting as tension members or guys, preventing the coaster from falling backward, and as steering members whereby the course may be directed. The teeth 15 afford a secure foothold and enable the runners to be readily separated from the shoe bottoms.

I claim:

A coasting appliance comprising a pair of independent runners, upwardly curved at their forward ends, and provided on their upper sides with shoe-bottom-indenting teeth, and an elongated flexible member connecting the extremities of said forward ends, and adapted to be grasped by a coaster standing on the runners, whereby the coaster may be supported in a standing position, and may steer the appliance.

In testimony whereof I have affixed my signature.

BIRGER L. SOLBJOR.