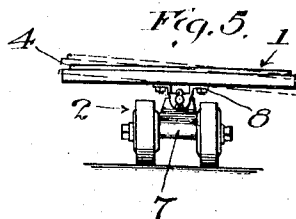
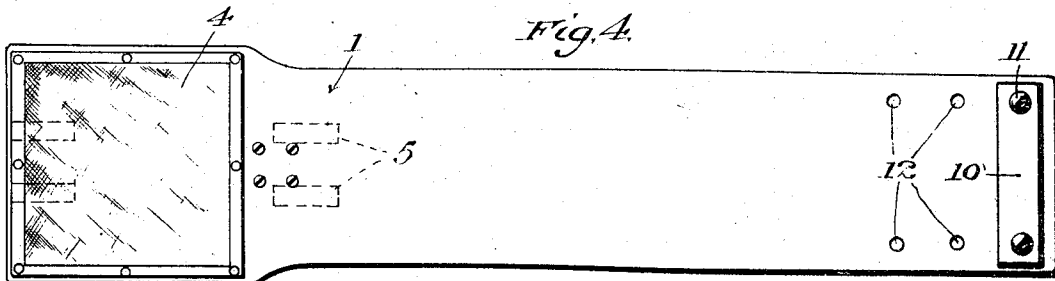
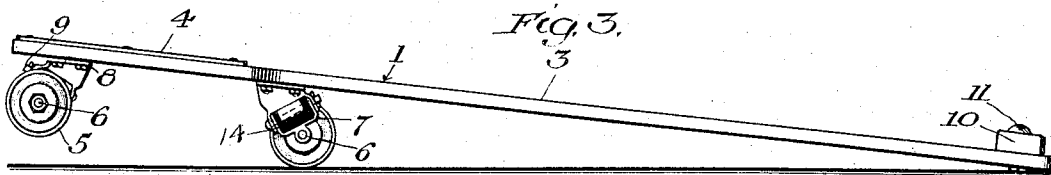
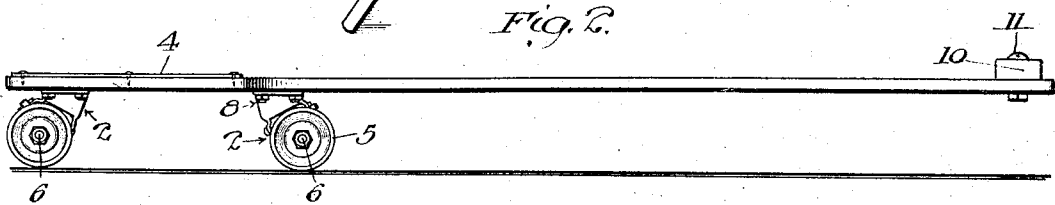
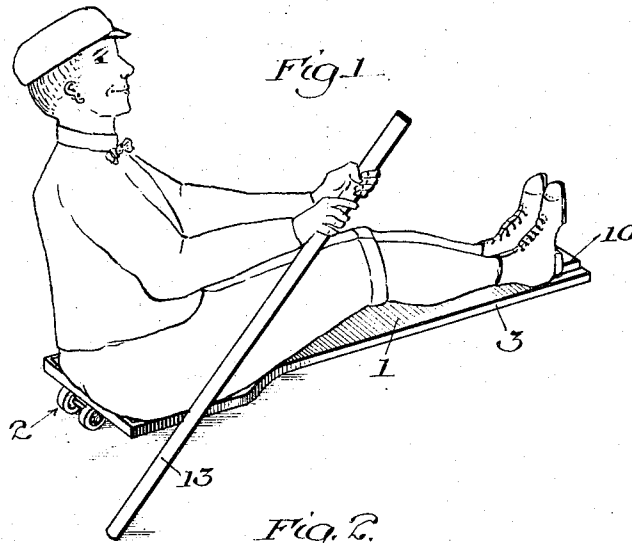


R. A. HEGEL.
COASTING DEVICE.
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1,052,722.

Patented Feb. 11, 1913.



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UNITED STATES PATENT OFFICE.

ROSE A. HEGEL, OF LOS ANGELES, CALIFORNIA

COASTING DEVICE.

1,052,722.

Specification of Letters Patent.

Patented Feb. 11, 1913.

Application filed February 26, 1912. Serial No. 680,125.

To all whom it may concern:

Be it known that I, ROSE A. HEGEL, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles, State of California, have invented a new and useful Coasting Device, of which the following is a specification.

This invention relates to an amusement device which is especially intended for children's use, and the main object of the invention is to provide a coasting device which is adapted to be used on pavements, sidewalks or other smooth surfaces, and to be propelled, for example, by means of a stick or pole.

A further object of the invention is to provide a device of this nature which can be readily guided by balancing movements of the body.

Another object of the invention is to provide a coasting device which can be readily braked or arrested when required.

Other objects of the invention will appear hereinafter.

Referring to the accompanying drawings forming embodiments of the invention—Figure 1 is a perspective showing the coasting device in operation. Fig. 2 is a side elevation of the coasting device. Fig. 3 is a side elevation showing the device in position for braking, one of the truck rollers being removed to show the hinge bracket therefor. Fig. 4 is a plan of the device. Fig. 5 is a rear elevation.

The coasting device constituting the present invention comprises a deck or platform 1 mounted on two roller-trucks 2 and having a forward extension 3 serving as a support for the feet. The platform 1 may be of wood or other suitable material and may be provided at its rear portion with a cushion or pad 4 serving as a seat, the weight of the body being mainly on this portion of the platform between the locations of the two roller trucks 2.

The roller trucks 2 are similar to the trucks of the ordinary roller-skate, each comprising a pair of rollers 5 journaled on a shaft 6 mounted in a frame 7 which is hinged or pivoted to a bracket 8 on the platform 1 by a pivot 9 which is oblique or inclined to a horizontal plane so that tilting of the platform 1 in a transverse direction will result in swinging or turning of the shaft 6 for the rollers 5 around a vertical

axis, and the obliquity of the inclination of the two hinge shafts 9 for the respective roller trucks is in opposite directions, both of said shafts 9 being inclined downwardly toward a point below the center of the seat portion of the platform.

An elastic means such as a soft rubber cushion 14 is provided engaging the pivoted parts of each roller truck to hold the said parts in normal position, thereby tending to maintain the platform in horizontal position.

The extension or forward prolongation 3 from the platform is preferably provided with a cross bar 10 at its forward end serving as a foot-rest, this cross bar being preferably adjustable in a longitudinal direction and being fastened, for example, by means of screws 11 engaging in any one of a series of pairs of holes 12.

The operation is as follows: The boy using the coasting device sits on the platform 1, with his legs extending over the extensions 3 and his feet resting against the foot-rest 10. In this position the center of gravity will be back of the forward truck 2 so that the normal position of the device is as shown in Fig. 2 with the platform 1 horizontal and the forward end 3 extending horizontal and out of contact with the ground or pavement. The boy may then propel himself by means of a stick indicated at 13 in Fig. 1, or by other suitable means. For example, the device may be used as a simple coasting device if a suitable incline is available. Guiding means may to some extent be effected by means of the pole 13, but it is most conveniently effected by tipping the platform to one side or the other and throwing the weight of the body to that side. When the platform is thus tipped to one side, the roller-trucks are swung so that the horizontal axles 6 approach one another at their ends which are toward the downwardly tipped side, with the result that the device swerves or turns toward that side in the manner of a roller-skate. When it is desired to brake the device the pole 13 may be used, or by leaning the body forward the forward platform may be tipped as shown in Fig. 3 so as to bring the forward end of the extension 3 in contact with the ground or pavement to act as a brake. In order to enable this result to be accomplished, the forward extension of the platform 1 is made of such

length that the foot rest 10 thereon is farther from the front truck than the front truck is from the rear truck, so that the person using the coaster can by leaning forward, balance himself on the front truck and by a slight forward movement tip the device forwardly.

What I claim is:

1. A coasting device, comprising a platform, roller trucks connected to said platform below the platform, said roller trucks being adapted to tilt on axes extending obliquely to a horizontal plane, so as to enable lateral deflection of the platform by tipping of the platform, said platform having a forward extension provided with a foot rest, the distance from the front roller truck to, said foot rest being greater than the distance between the roller trucks so as to enable a person riding on the platform to

depress the forward extension by leaning forwardly over the front truck.

2. A coasting device, comprising a platform, roller trucks attached to said platform below the same, said platform having a forward extension provided with a foot rest, the distance from the front roller truck to said foot rest being greater than the distance between the roller trucks to enable a person riding on the platform to depress the forward extension to engage the ground in the manner of a brake, by leaning forwardly over the front roller truck.

In testimony whereof, I have hereunto set my hand at Los Angeles California this 19th day of February 1912.

ROSE A. HEGEL.

In presence of—

ARTHUR P. KNIGHT,
GLADYS RUSSELL.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."