J. A. RUDISILL.

COASTING WHEEL.

APPLICATION FILED JULY 12, 1918.

1,297,252. Patented Mar. 11, 1919.

Fig. 1.

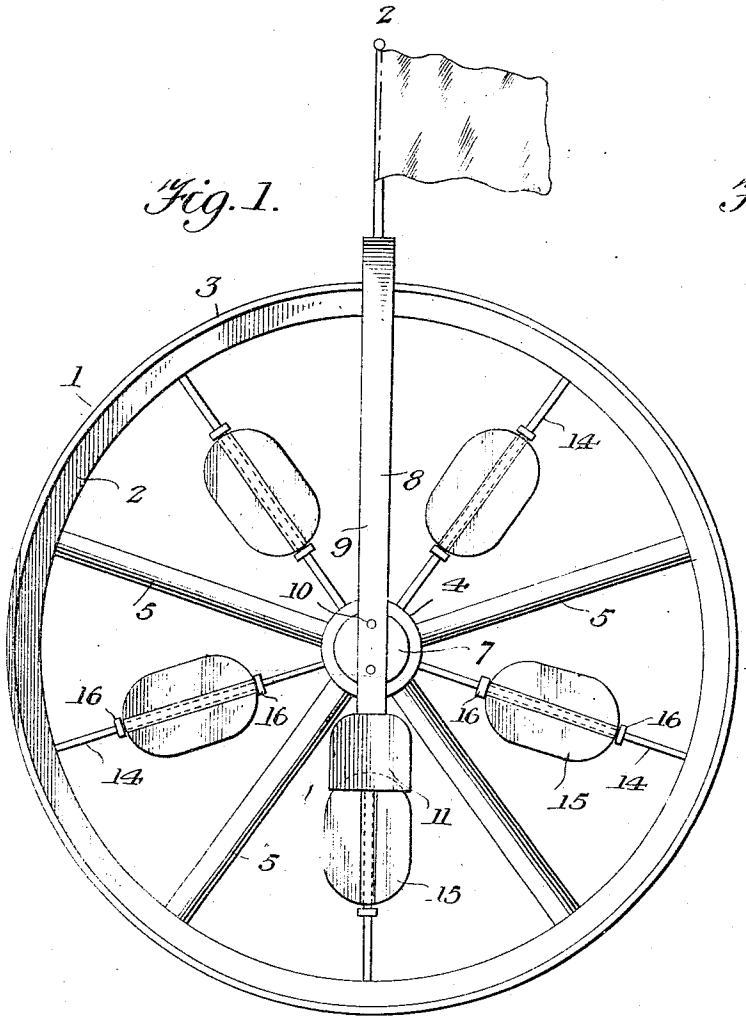


Fig. 2.

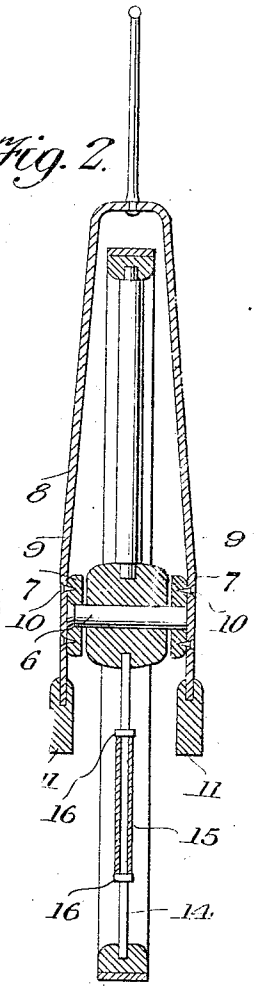
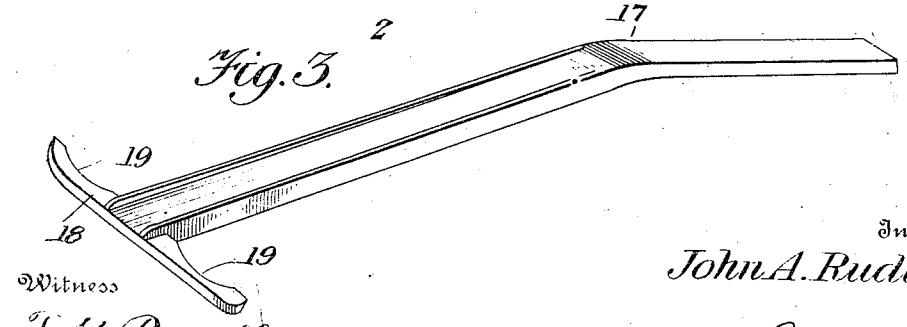


Fig. 3.



Witness

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UNITED STATES PATENT OFFICE.

JOHN A. RUDISILL, OF LEWISTOWN, MONTANA.

COASTING-WHEEL.

1,297,252. Specification of Letters Patent. Patented Mar. 11, 1919.

Application filed July 12, 1918. Serial No. 244,619.

To all whom it may concern:

Be it known that I, JOHN A. RUDISILL, a citizen of the United States, residing at Lewistown, in the county of Fergus and State of Montana, have invented new and useful Improvements in Coasting-Wheels, of which the following is a specification.

This invention is an improved coasting wheel and guiding stick therefor, the object of the invention being to provide an improved toy of this character which can be cheaply manufactured and can be made of either wood or metal and of any suitable size, which is attractive in appearance and which can be readily guided and controlled.

With the above and other objects in view, the invention consists in the construction, combination and arrangement of devices hereinafter described and claimed.

In the accompanying drawings:—

Figure 1 is an elevation of a coasting wheel constructed and arranged in accordance with my invention.

Fig. 2 is a vertical central sectional view of the same.

Fig. 3 is a perspective view of the guiding stick.

The coasting wheel 1 may be of any suitable size and may be made of wood or of metal as may be preferred. The wheel comprises a felly 2, a tire 3, a hub 4 and spokes 5. An axle 6 extends through the bore of the hub and is provided at the ends with caps 7. A yoke 8 which is of inverted U-shape is arranged astride of the felly and has its arms 8 attached near their lower ends to the caps, as at 10. Weights 11 which are attached to the lower ends of the yoke arms keep the yoke in vertical position and on the upper side of the coasting wheel when the latter is being driven or rolled. A flag or other ornament or device is attached and carried by the upper end of the yoke.

I also provide radially arranged rods 14 which connect the hub and felly and provide vanes 15 which are mounted for rotation on said rod and are held between stops 16 with which the rods are provided. These vanes rotate when the coasting wheel is being driven or rolled and add greatly to the attractive appearance of the toy.

I also provide a driving and guiding stick 17 which is preferably shaped as here shown and is provided at its outer end with a cross bar 18 which has hooks 19 formed at its ends. Either of the hooks may be slidingly engaged with the felly of the wheel to direct and guide the wheel or may be engaged with the yoke to pick up the wheel.

My improved wheel is called the "Liberty coasting wheel."

Having thus described the invention, what I claim as new is:

A coasting wheel of the class described having radially arranged spoke rods and also having vanes mounted for rotation on the spoke rods.

In testimony whereof I affix my signature.

JOHN A. RUDISILL.