

July 12, 1927.

1,635,931

T. J. FREE

AMUSEMENT DEVICE

Filed June 2, 1926

Fig. 1.

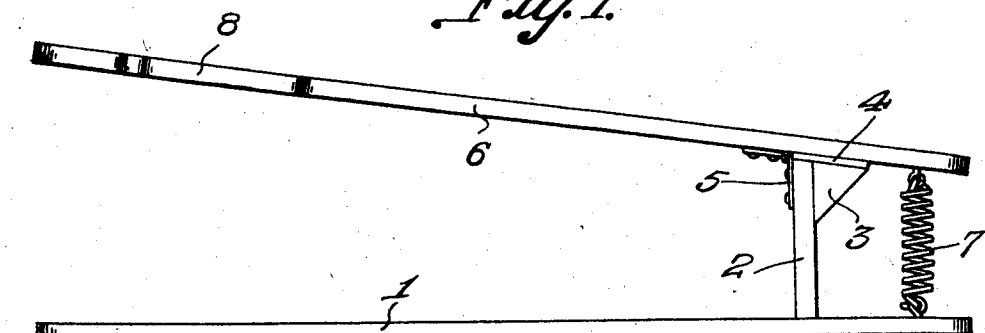


Fig. 2.

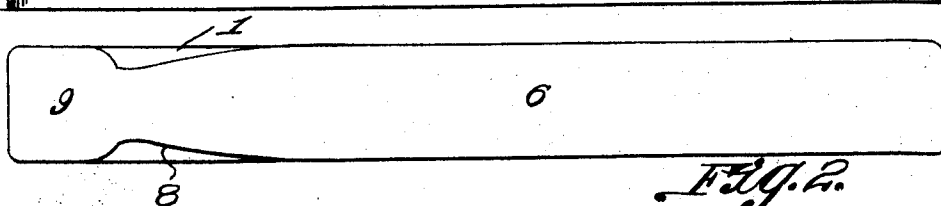


Fig. 3.

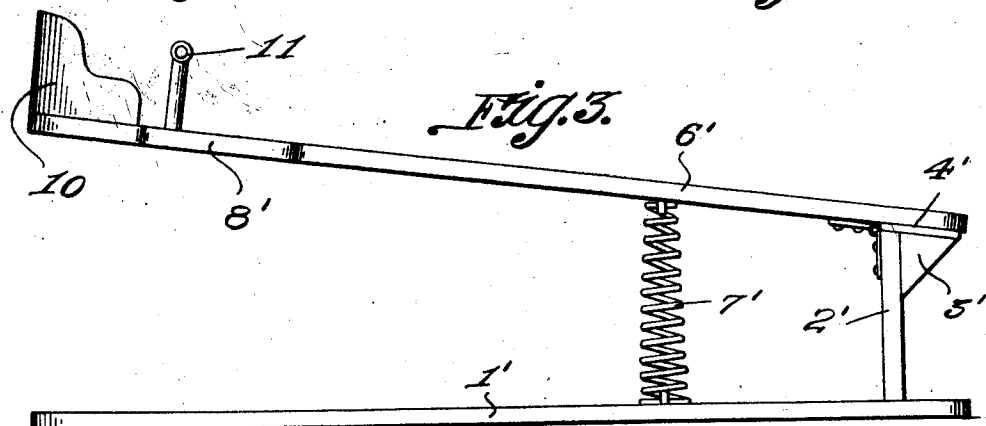
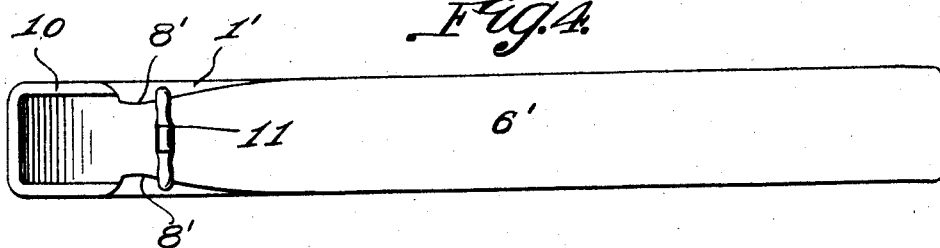


Fig. 4.



W. H. L. Hays,

WITNESS:

Thomas J. Free, INVENTOR

BY *Victor J. Evans*

ATTORNEY

Patented July 12, 1927.

1,635,931

UNITED STATES PATENT OFFICE.

THOMAS J. FREE, OF NEILLSVILLE, WISCONSIN.

AMUSEMENT DEVICE.

Application filed June 2, 1926. Serial No. 113,229.

My present invention has reference to an amusement device designed to afford healthy exercise for children.

The object is the provision of a device of this class known as "teeter totters" of a type to be operated by one person to provide an up and down movement similar to the riding of a spring board.

To the attainment of the foregoing, the invention consists in the improvement as hereinafter described and definitely claimed.

In the drawings:—

Figure 1 is a side elevation of one form of my amusement device.

Figure 2 is a top plan view thereof.

Figure 3 is a side elevation of a second form of the improvement.

Figure 4 is a top plan view thereof.

In carrying out my invention I make use of a flat base 1. The base is preferably in the nature of a beam or plank. Secured to the base 1, adjacent one end thereof, there is an upright 2. The upright 2, on one of its faces, is enlarged, as at 3, and the upper edge of the upright, including its enlargement, is cut at an inclination. For distinction the upper end of the upright and its extension 3 will be hereinafter referred to as the head of the upright. On this head there rests a compressible strip 4.

Hingedly secured, as at 5, to the straight face of the upright 2, there is the top board or plate 6 of the improvement. Between what I will term the outer end of the plate 6 and the base 1 there are secured the ends of a helical spring 7 which normally holds the plate 6 at an inclination with respect to the base, and in contacting engagement with the compressible strip 4, which latter is in the nature of a bumper. The edges of the plate 6, adjacent to its opposite ends are cut inwardly, as at 8, providing one end of the said plate with a seat 9. The cutaway portions accommodate the legs of the user of the device.

The above construction refers to Figures 1 and 2 and in Figures 3 and 4 the base 1'

is provided, adjacent its ends with the upright 2' having the laterally extending angle head 3', the bumper strip 4' and the plate 6' hingedly secured to the upright. Inward of the upright there are connected between the base 1' and the plate 6' the ends of a convolute pressure spring 7'. The edges of the top plate 6' are notched, as at 8' and the seat portion thereof is surrounded by a back 11, while forward of the seat there is an upright provided with a laterally extending handle 11 designed to be grasped by the occupant of the seat.

The simplicity of the construction and the mode of operation will, it is thought, be apparent. The child occupies the seat, his weight causing the plate 6 to swing against the tension of the spring until his feet contact with the base or floor 1. The child then pushes his feet against the said base, and this push coupled with the pull of the spring sends the child off the base until the movement is restrained or the energy is absorbed, then the child descends and repeats the action.

Having described the invention, I claim:—

An amusement device comprising an elongated flat substantially rectangular base designed to rest on the ground or on a floor surface, an upright secured to the base adjacent to one end of said base, said upright having its outer end cut at an inclination and having on its outer face a head extension whose outer edge is cut at the same inclination as the upright, a compressible strip on the outer end of the upright and on the head, a seat carrying plate of a length approximately that of the base having its under face resting on the compressible strip and being hingedly connected to the upright, and spring means between the plate and base for normally sustaining the plate in contacting engagement with the compressible strip.

In testimony whereof I affix my signature.
THOMAS J. FREE.