Dec. 22, 1925. 1,566,765

A. NATALE

SEESAW

Filed April 21, 1925

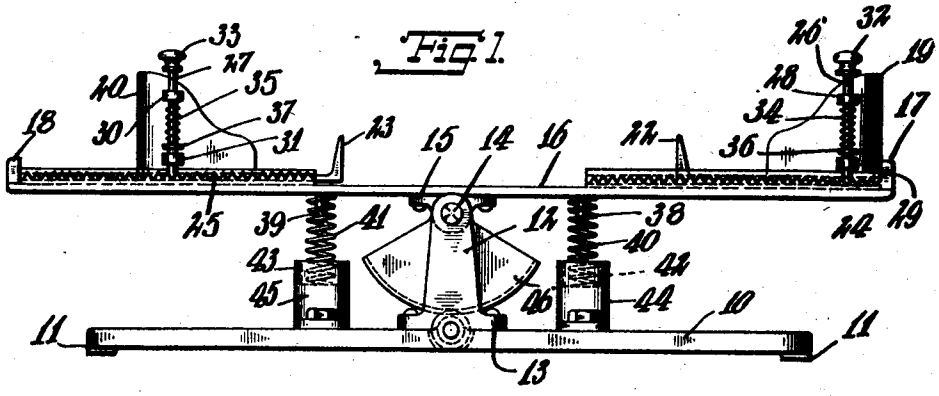


Fig. 1.

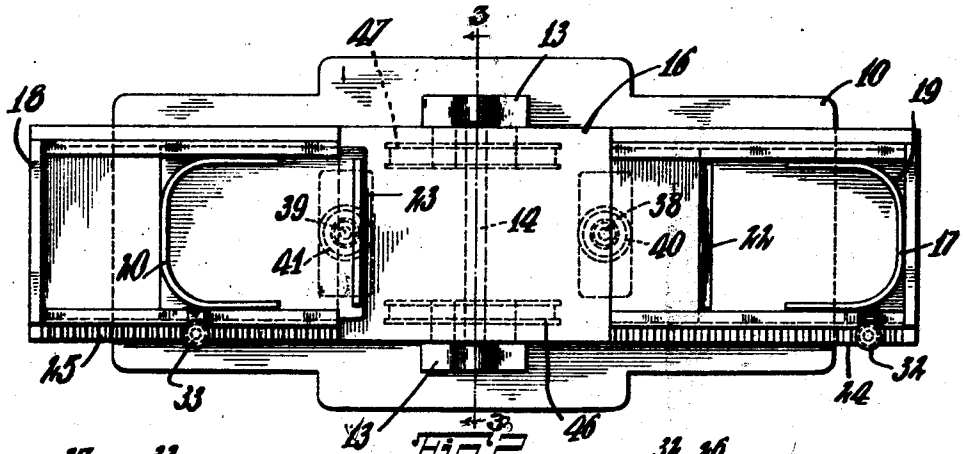


Fig. 2.

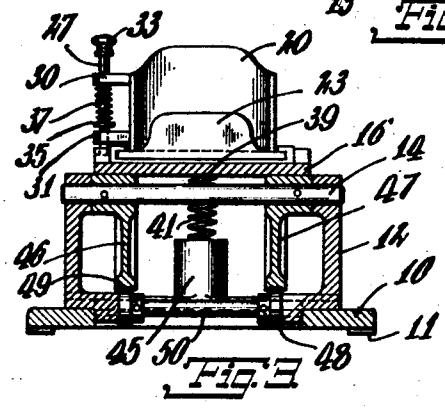


Fig. 3.

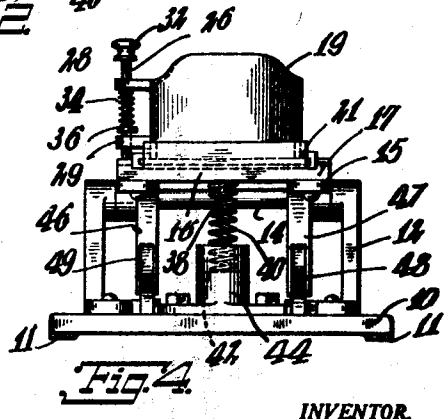


Fig. 4.

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UNITED STATES PATENT OFFICE.

ARCANGELO NATALE, OF AMSTERDAM, NEW YORK.

SEESAW.

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To all whom it may concern:

Be it known that I, ARCANGELO NATALE, a subject of the King of Italy, residing at Amsterdam, in the county of Montgomery and State of New York, have invented certain new and useful Improvements in See-saws, of which the following is a specification.

This invention relates to improvements in amusement devices for children, particularly to see-saws and it is the principal object of my invention to provide a see-saw equipped with means for accommodating the see-saw to the simultaneous use by children of different ages and weight.

Another object of the invention is the provision of a see-saw allowing the adjustment of one or the other seat thereof nearer to the stationary point of support or farther away therefrom for ensuring the equilibrium of, for instance, children of different weights occupying the seats.

A further object of the invention is the provision of a see-saw provided with simple and inexpensive means for allowing a ready adjustment of the compensating means.

A still further object of the invention is the provision of a see-saw having elastic supports to both sides of a centrally located segmental main support.

These and further objects and advantages of my invention will become more fully apparent as the description proceeds, and will then be more specifically defined in the appended claim.

In the accompanying drawing forming a material part of this disclosure:

Fig. 1 is a side elevation of a see-saw constructed according to the present invention.

Fig. 2 is a top plan view thereof.

Fig. 3 is a cross-section on line 3—3 of Fig. 2.

Fig. 4 is an end elevation of the see-saw.

The see-saw comprises a base or supporting platform 10 on end blocks 11, in the middle of which standards 12, are supported carrying at their upper ends bearings 13 for a transverse shaft 14 having brackets 15 attached thereto, which are secured to the lower face of the see-saw board 16, proper, having upright end flanges 17 and 18, adapted to limit the backward movement of seats 19 and 20 adapted to be moved along the board 16 in suitable guides 21. These seats have frontal foot rests 22 and 23, and near the outer side edge on one side of the board 16, near its end, the same carries a pair of racks 24 and 25, between the teeth of which engage the lower ends of pins 26 and 27 which are guided through eyes 28 and 29, 30 and 31, respectively, attached to the outer side walls of the seats 19 and 20, and carry at their upper ends the operating knobs 32 and 33 respectively.

Springs 34 and 35 are wound about the pins 26 and 27 respectively, between the upper guides 28 and 30 and collars 36 and 37 respectively, on rods 26 and 27.

To both sides of the center of gravity represented by parts 12, pins 38 and 39 are attached to the lower face of board 16, and the upper ends of strong spiral springs 40 and 41 are coiled about said pins, the lower ends of which work in depressions or seats 42 and 43 formed at the upper ends of cylindrical elements 44 and 45 having foot flanges by means of which they are secured on the base 10.

The brackets 15 carry depending segmentally shaped shoes 46 and 47, grooved at the lower edge and their grooves are engaged by suitable rollers 48 and 49, connected by a shaft 50.

The operation of my device will be readily understood from the above description; if the see-saw is to be used by two children of a pronounced difference in their weights, the seats can be adjusted by the proper operating of the pins 26 and 27 farther away from or closer to the central point of support of board 16 in order to ensure at all times the desired equilibrium of the see-saw. It is to be understood that the drawing shows one of the preferred forms of my invention only by way of example and that such changes may be made in the general arrangement and construction of the minor details as fall within the scope of the claim without departure from the spirit of my invention.

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

In a see-saw comprising a base, standards on said base, a shaft journaled in said standards, a board, brackets secured to said board, a pair of segmental members attached to said

brackets, grooved at their lower faces, rollers engaging said grooves, means for cushioning the up and down movements of said board, seats on said board, foot-rests for said seats, a pair of racks laterally disposed to said seats, guides on said seats, pins in said guides adapted to engage with their lower ends between the teeth of said racks, and operating knobs on said pins for operating said pins to lock said seats in their adjusted positions farther from or closer to the center of gravity of said board to allow the simultaneous use of said see-saw by children of varying weights.

In testimony whereof I have affixed my signature.

ARCANGELO NATALE.