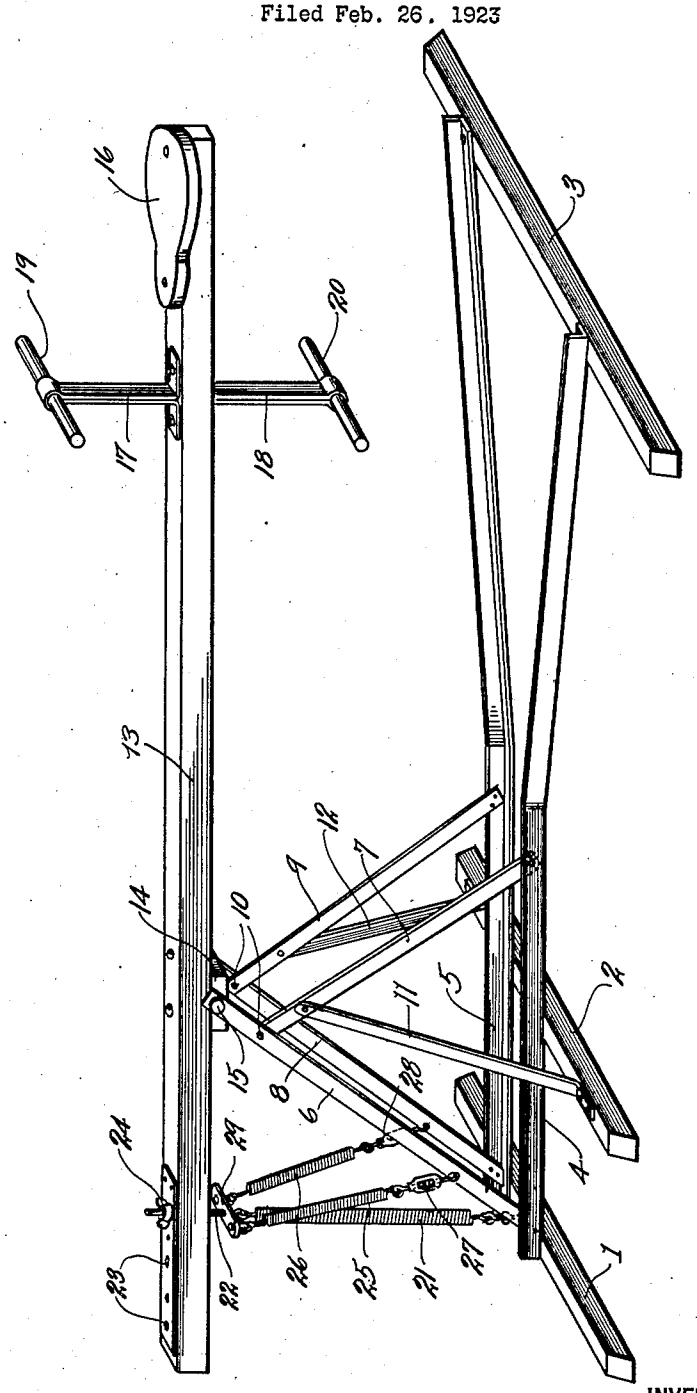
April 14, 1925.

1,533,261

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TEETER-TOTTER

Filed Feb. 26, 1923



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Patented Apr. 14, 1925. 1,533,261

UNITED STATES PATENT OFFICE.

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TEETER-TOTTER.

Application filed February 26, 1923. Serial No. 621,426.

To all whom it may concern:

Be it known that we, LEON G. PATTISON and THOMAS G. PATTISON, citizens of the United States, and residents of Everett, Snohomish County, Washington, have invented certain new and useful Improvements in Teeter-Totters, of which the following is a specification.

This invention relates to amusement devices, and more particularly to devices of that class known as "teeter totters" and which are of a type adapted to be operated by one person; the principal object of the invention being to provide a teeter totter for the amusement of children, which is of light and durable construction, efficient in its operation, easily actuated and embodying certain features of adjustment which adapts it for use by persons of different weight.

Other objects of the invention reside in the various details of construction and combination of parts embodied in the device as will be hereinafter referred to.

In accomplishing these and other objects of the invention, we have provided the improved details of construction, the preferred forms of which are illustrated in the accompanying drawing, wherein—The single figure is a perspective view of a teeter totter device constructed in accordance with the present invention.

Referring more in detail to the drawing—1, 2 and 3 respectively designate transverse base beams upon which the framework which supports the teeter totter beam is erected. These beams preferably would be of wood and are arranged in parallel, spaced apart relation and are to rest upon the floor. Secured in any suitable manner upon the beams are two angle iron beams 4 and 5 having their forward ends bolted to the beams 1 and 2 and extending parallel, and with their rearward end portions bent in a diverging relation and bolted to the beam 3 at their ends.

Mounted upon the beams 4 and 5 is a framework comprising angle iron members 6 and 7 at one side and similar members 8 and 9 at the other side. The members 6 and 8 have their lower ends riveted to the beams 4 and 5 directly over the transverse beam 1 while members 7 and 9 are secured to the beams near their point of divergence. The upper ends of these members at each side are drawn together and riveted, as at 10, so as to form supports of an inverted V form. Lateral brace rods 11 and 12 are secured at their upper ends to members 7 and 9 and at their lower ends to the outer end portions of the cross beam 2.

13 designates the teeter beam which preferably is of wood and is supported centrally above and extends in the direction of the beams 4 and 5. It is provided on the under side, near one end with a cast iron bearing block 14 through which a pivot pin 15, supported between the upper ends of members 6 and 8, extends. At that end of the beam above the cross beam 3 a seat 16 is secured, consisting of a somewhat circular piece of wood that is fixed in place by one or two bolts. Adjacent the seat, on the upper and under sides of the beam, posts 17 and 18 are secured and in these a handle bar 19 and a foot rest 20 are mounted.

The beam 13 is resiliently supported in functional position by means of a heavy coiled spring 21 that has its lower end secured centrally to the beam 1 and its upper end connected with an eye bolt 22 that extends through the forward end of the beam; there being provided a plurality of holes 23 at different distances from the pivot point of the beam for receiving the bolt. A wing nut 24 is threaded onto the bolt 22 which may be adjusted to vary or regulate the tension of the supporting spring according to the weight of the person using the device. There are also two lateral springs 25 and 26 secured at their lower ends through the intermediacy of turnbuckles 27 and 28, respectively with the members 6 and 8 and their upper ends connected to the ends of a plate 29 mounted on the lower end of the bolt 22. These latter springs assist the spring 21 and prevent lateral swinging of the teeter beam.

It is apparent that with the device so constructed, the person using the same, after mounting the seat and with the feet on the cross bar 20 and the hands gripping the handle bar 19, may, by a swaying movement of the body forwardly and rearwardly, cause a teetering movement of the beam which may be accelerated or retarded accordingly as is desired. It is further apparent that by adjusting the bolt 22 to the different holes 23 or by increasing or decreasing the spring tension by turning the

wing nut 24, the device can be adapted to persons of different weight.

It will be seen that this device has the advantage over the ordinary form of teeter totter as it can be used by one person. It is durable in its construction, efficient and can be made at a relatively small cost.

It is further apparent that various changes in the details of construction could be made without departing from the spirit of the invention and for this reason we do not wish to be limited to the manner of construction and combination of parts as illustrated and described.

Having thus described our invention, what we claim as new therein and desire to secure by Letters-Patent, is:

A teeter totter device comprising a series of transverse base beams, a pair of longitudinal beams secured upon the base beams, a frame work mounted upon the longitudinal beams and a pivot pin supported by said frame, a teeter beam supported from between its ends upon said pivot pin, a seat mounted at one end of the beam and springs connected with the other end of the beam; said beam having a plurality of holes vertically therethrough in spaced relation longitudinally of the beam at the end opposite the seat, a bolt adapted to be extended through any of said openings, a plate fixed to the lower end of the bolt, an adjusting nut threaded onto the upper end of the bolt, a spring secured at one end to the lower end of the bolt and at its opposite end to the frame directly below the beam and a pair of springs secured at their upper ends to the plate at opposite sides of the bolt and extending downwardly in diverging relation and secured at their lower ends to the frame.

Signed at Everett, Snohomish County, Washington, this 20th day of November, A. D. 1924.

LEON G. PATTISON,
THOMAS G. PATTISON.