May 22, 1951 A. W. MOSER 2,553,932

SWING

Filed Oct. 15, 1946

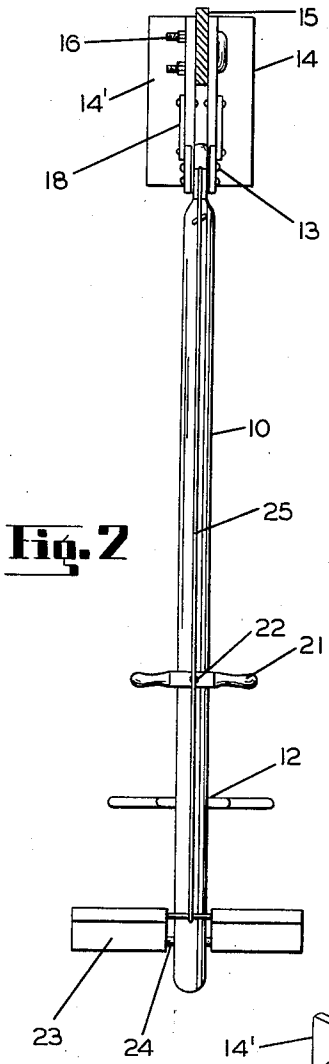


Fig. 2

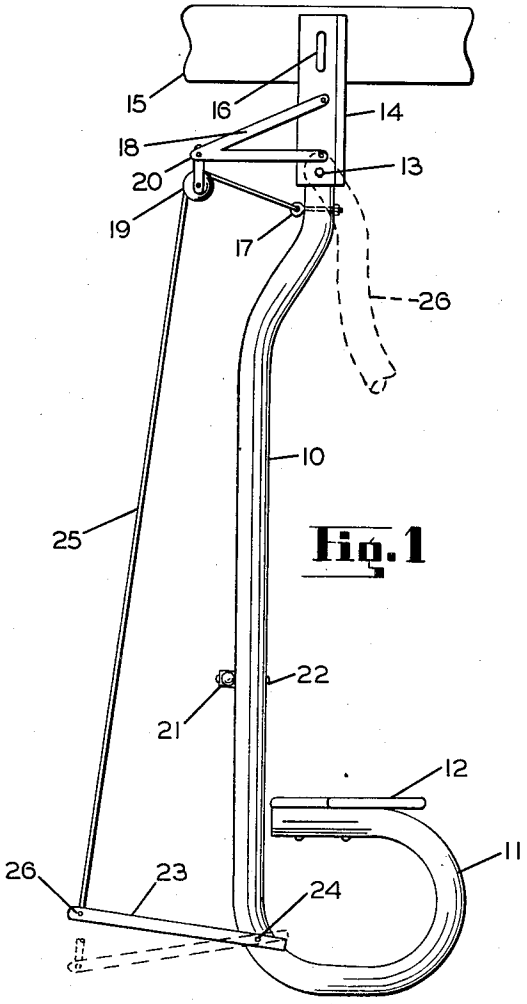


Fig. 1

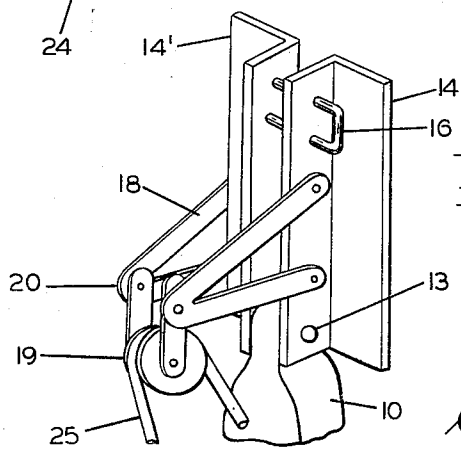


Fig. 3

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SWING

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1 Claim. (Cl. 155—65)

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My invention relates to swings and more particularly to a lawn or porch swing that can be suspended from an overhead beam or from a floor standard.

The object of my invention is to provide a swing that may be manipulated and actuated by the occupant.

Another object of my invention is to provide a swing that will provide exercise for the applicant due to the manipulation and actuation of the swing.

Still another object of my invention is to provide a device that has a minimum amount of frictional resistance thereby providing ease of operation, due to the propulsion caused by foot pressure. Thus the device may be operated by a juvenile occupant.

A still further object of my invention is to provide a swing that is balanced centrally, is safe for occupancy, easy and economical to manufacture. It will be manifest that the device as described can be constructed for either indoor or outdoor use, and of wood or metal.

Other and further objects of my invention will become more apparent as the description proceeds and when taken in conjunction with the drawing in which

Figure 1 is a side view of the assembled device supported by an overhead beam.

Figure 2 is a front view of the device shown in Figure 1 and

Figure 3 is a fragmentary perspective view of the mounting bracket illustrating the method of supporting the pivoted member.

Similar characters of reference indicate corresponding parts throughout the several views and referring now to the same the pendulum bar 10 is shown disposed upward in radial fashion at 11 and provided with a saddle or seat arrangement 12 facing the bar 10. The bar 10 is pivotally supported by means of a pin 13 engaging a pair of brackets 14 and 14' which are shown attached to an overhead beam 15 by means of the U bolt 16 extending through the beam 15.

There is an eyelet 17 disposed near the upper end of the pendulum bar 10 and an outwardly extending bracket 18 is mounted on the attaching brackets 14 and 14' and supports a rotatably mounted pulley 19 at its outwardly extending end, 20. There is a handle member 21 shown attached at 22 to the pendulum bar 10 extending outward therefrom at a point above the saddle 12. This handle 21 is employed by the occupant to maintain balance and support.

Near the bottom end of the pendulum bar 10

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is shown a pair of foot boards 23 pivotally attached by means of the bolt 24 and these foot boards 23 are provided with a cable 25 attached to their forward end at 26. This cable 25 is disposed over the pulley 19 and is attached to the eyelet 17 near the top of the pendulum bar 10.

As the occupant is seated on the saddle 12 and has his feet on the foot boards 23 and his hands on the handle 21 he need only to press downward on the foot board 23 causing the pendulum bar 10 to pivot on the pin 13 as shown by the dotted line 26 in Figure 1. The more effort and down pressure that is applied to the front of the foot board 23, the more violently the pendulum bar 10 will be caused to pivot on the pin 13 and the support of the saddle 12 and the handle 21 will afford ample protection for the occupant while manipulating the device.

It is obvious that a device of this nature can me constructed economically and can be installed at any convenient place or manner either indoors or outdoors, and may be of any length to accommodate the height of the support from the floor.

In Figure 3 I show a detailed fragmentary prospective view of the mounting bracket and the attaching means for the pendulum bar.

While I have shown a specific construction and arrangement of the parts constituting the device, I am fully cognizant of the fact that many changes in the form and configuration of the component parts may be made without effecting the operativeness of the device, and I reserve the right to make such changes in the form of the component parts as I may deem necessary or convenient without departing from the spirit of my invention or the scope of the appended claim.

Having thus described my invention, what I claim and desire to secure by Letters Patent in the United States is:

A device of the character described comprising in combination a pendulum bar, a support bracket, said bar pivotally mounted at its upper end to said support bracket, said support bracket provided with a forwardly extending member, a pulley mounted to the forward extending end of said member, said pendulum bar provided with an integrally constructed upwardly extending loop having a saddle member rigidly mounted thereto, a foot pedal horizontally pivotally supported at one of is ends by said pendulum bar near its lower end, said foot pedal extending outward from said pendulum bar in opposite directions to that of said saddle mounting and a

cable member attached at one end to the outwardly disposed end of said foot pedal, said cable member contacting the upper surface of said pulley and having its other end attached to said pendulum bar at a point below its pivoted mounting to said support bracket.

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