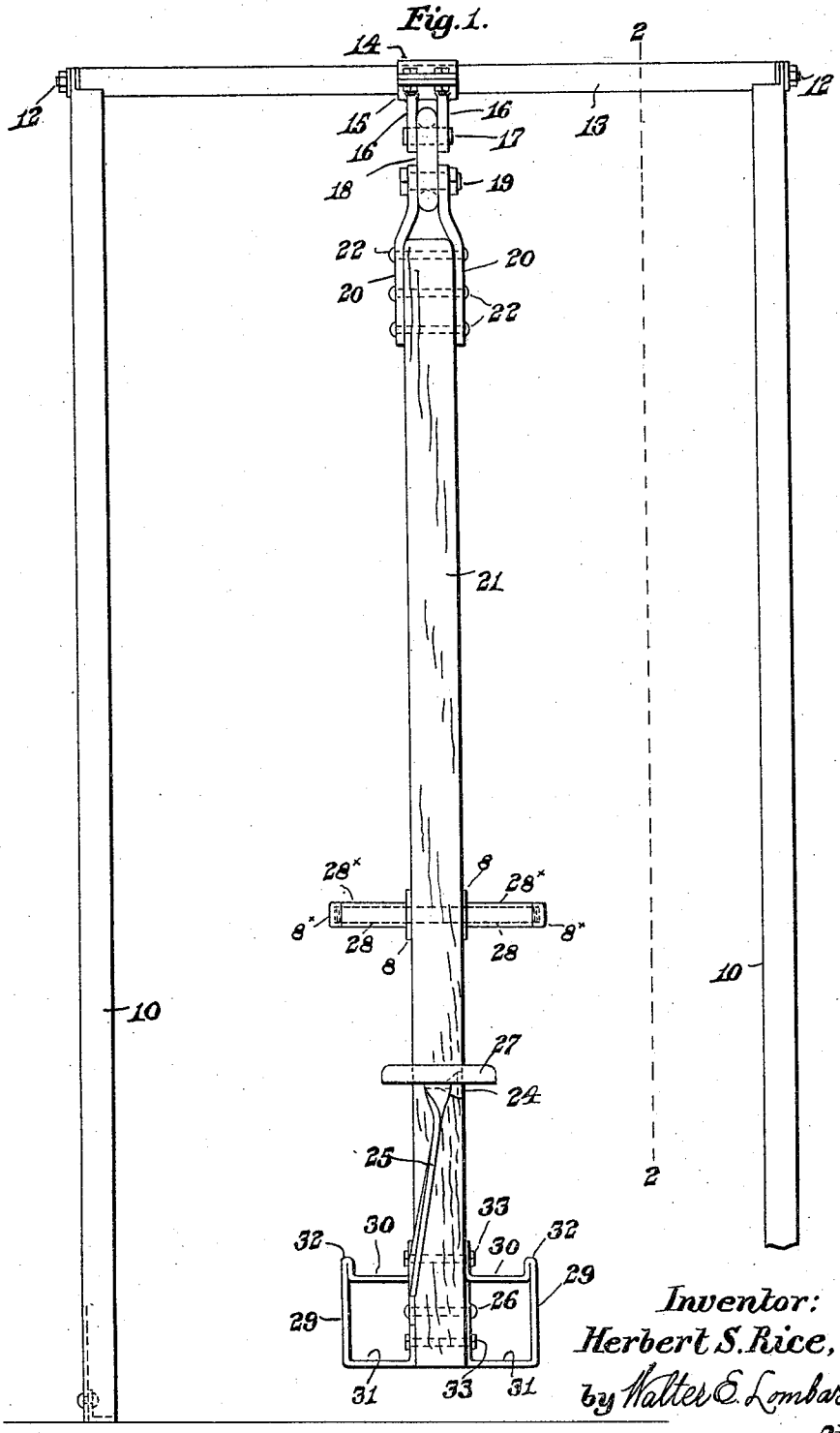
Nov. 8, 1932. H. S. RICE 1,886,904

SWING

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Fig. 1.



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Fig. 3.

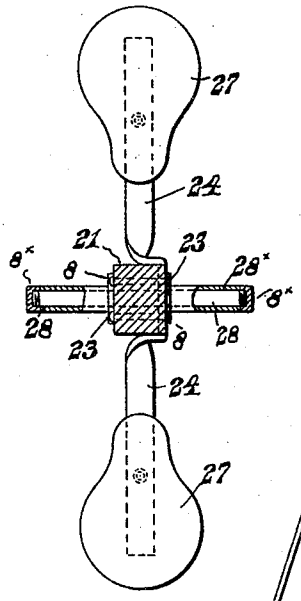


Fig. 2.

Fig. 4.

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Patented Nov. 8, 1932 1,886,904

UNITED STATES PATENT OFFICE

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SWING

Application filed September 12, 1930. Serial No. 481,524.

This invention relates to swings and particularly to devices of this character intended for use on lawns, and in playgrounds and similar places.

The object of the invention is the provision of a swing which will hold one or more persons which will be simple and strong in construction and which may be used with safety by small children.

This object is attained by the mechanism illustrated in the accompanying drawings.

For the purpose of illustrating the invention, one preferred form thereof is illustrated in the drawings, this form having been found to give satisfactory and reliable results, although it is to be understood that the various instrumentalities of which the invention consists can be variously arranged and organized, and the invention is not limited to the precise arrangement and organization of these instrumentalities as herein shown and described except as required by the scope of the appended claims.

Of the drawings

Figure 1 represents a front elevation of a swing embodying the principles of the present invention.

Figure 2 represents a vertical section of same on line 2, 2, on Fig. 1.

Figure 3 represents a horizontal section on line 3, 3, on Fig. 2, and

Figure 4 represents a horizontal section on line 4, 4, on Fig. 2.

Similar characters indicate like parts throughout the several figures of the drawings.

In the drawings, 10, 10 are inclined braces tied together at the bottom by the connectors 11, these braces 10 and connectors 11 being preferably formed of angle irons riveted together.

To the upper ends of the braces 10 is secured by bolts 12 a cylindrical support 13.

Midway between the braces 10 the support 13 has clamped thereto the divided collar 14, 15 the lower part 15 of which has two downwardly extending separated ears 16 having a pin 17 mounted therein.

This pin 17 extends through a link 18 in the bottom of which is another pin 19 extending through the upper ends of two metal bars 20 straddling a squared wooden member 21 and secured thereto by bolts 22.

Near the lower end of this single wooden member 21 is secured by bolts 23 a horizontal metal strap 24, the opposite ends 25 of which are bent downwardly and toward each other, one end 25 being on one side face of member 21 while the other is on the opposite face.

These ends 25 are secured to the member 21 by the bolt 26.

The strap 24 has secured thereto saddle seats 27, these seats being in alinement on opposite sides of the member 21.

The ends 25 have their sides vertical so as to form a rigid brace for the seats 27 and the strap 24 is bent U-shape at the middle to straddle the member 21 and give additional rigidity to the seat supports.

Extending through the member 21 is a rod 28 the opposite ends of which form handles to grasp during the operation of the swing.

The opposite ends of the rods 28 have sleeves 28x mounted thereon, the sleeves 28x bearing against washers 8 and retained on said rod by caps 8x threaded to said rod 28.

These handles each have a length sufficient to be grasped by two hands so that the occupants of the seats 27 may each grasp the handles with both ends.

Owing to the shape of the saddle seats a child occupying said seat cannot slip backwards therefrom.

At the lower end of the member 21 and on opposite sides thereof are stirrups 29 each formed of a metal bar and having at different levels foot rests 30, 31, the upper foot rest 30 having a guard 32 to prevent the foot from slipping off.

The stirrups 29 are secured to the member 21 by means of bolts 33.

It is obvious, therefore, that every precaution is taken for the safety of the children using the swing and that said swing is built strongly with a minimum number of elements.

Consequently, the swing can be made cheaply making it possible to provide a large number of swings for every playground

owing to the low initial cost and the fact that when once installed there is no cost for maintenance.

By having high and low foot rests 30, 31, children of different ages and sizes may be readily accommodated on the same swing without requiring any adjustments.

It is believed that the operation and many advantages of the invention will be understood without further description.

Having thus described my invention, I claim:

1. A swing comprising a support, a single member pivotally mounted thereon and depending therefrom, foot rests on opposite sides of the lower end of said member, a metal strap extending transversely of said member on opposite sides thereof and having its opposite ends extending downwardly and toward each other, seats secured to said strap on opposite sides of said member, and means for securing the center and ends of said strap to said member.

2. A swing comprising a support, a single continuous member pivotally mounted thereon and depending therefrom, foot rests secured directly to opposite sides of the lower end of said member, and extending from opposite faces thereof, a metal strap extending transversely of said member on opposite sides thereof with a central U-shaped portion partially surrounding said member and having its opposite ends extending downwardly and toward each other on opposite sides of said member, seats secured to said strap on opposite sides of said member, and means for securing the central U-shaped portion and ends of said strap to said member.

3. A swing comprising a support, a single continuous member pivoted thereto and depending therefrom, seats supported by said member in alinement on opposite sides of said member, foot rests secured directly to the opposite faces of the lower end of said member, rounded handles extending from opposite faces of said member, and revoluble sleeves surrounding said handles.

4. A swing comprising a support, a single continuous member pivoted thereto and depending therefrom, saddle seats supported by said member in alinement on opposite sides of said member, rounded handles extending laterally from the opposite sides of said member and higher than said seats, revoluble sleeves surrounding said handles, means threaded to the outer ends of said handles preventing displacement of said sleeves, and foot rests secured directly to the opposite faces of the lower end of said member.

5. A swing comprising a support, a single unitary member pivotally connected thereto and depending therefrom, two oppositely disposed seats, a triangular metal supporting strap having a horizontal portion secured at the center thereof to said member and provided with portions inclined downwardly and secured at their lower ends to said member, said seats being secured to the opposite ends of said horizontal portion, immovable stirrups secured directly to the opposite side faces of the lower end of said member and extending laterally therefrom, and immovable handles extending laterally from the side faces of said member above said stirrups.

6. A swing comprising a support, a single unitary member pivotally connected thereto and depending therefrom, two oppositely disposed saddle seats, a triangular metal supporting strap having a horizontal portion secured at the center thereof to said member and provided with portions inclined downwardly and secured at their lower ends to said member, said seats being secured to the opposite ends of said horizontal portion.

Signed by me at 746 Old South Bldg., Boston, Massachusetts, this 5th day of September, 1930.

HERBERT S. RICE.