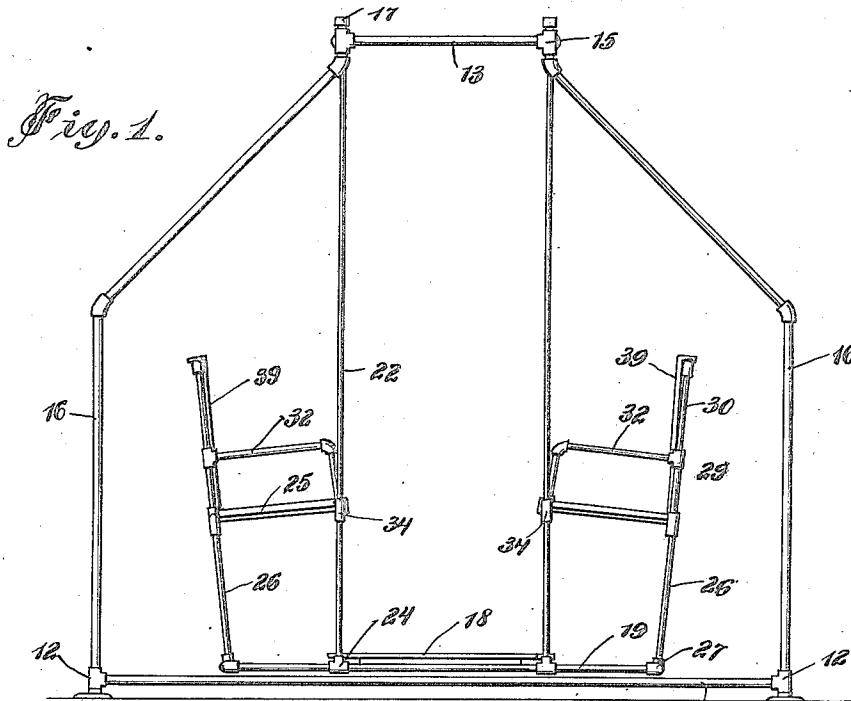
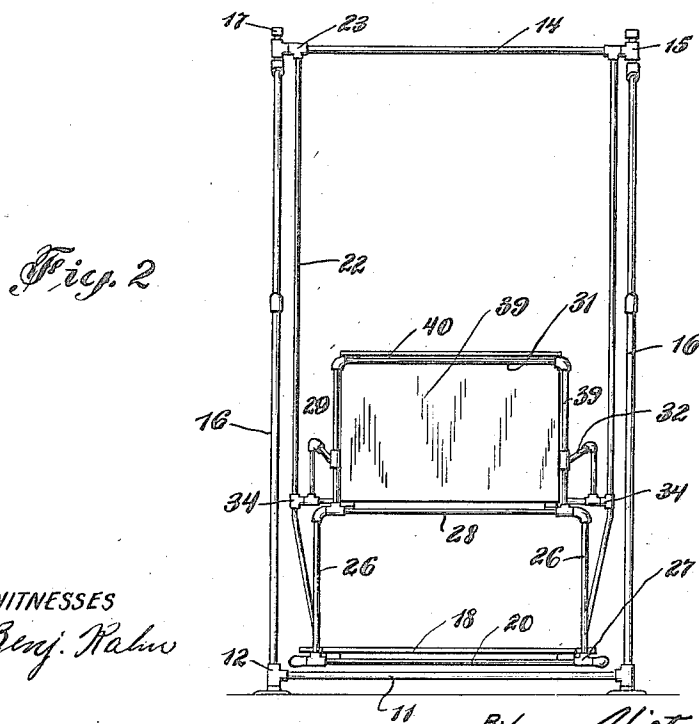


H. C. GALIPP.
LAWN SWING.
APPLICATION FILED DEC. 12, 1919.

1,343,124.

Patented June 8, 1920.

3 SHEETS—SHEET 1.



WITNESSES
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Fig. 3.

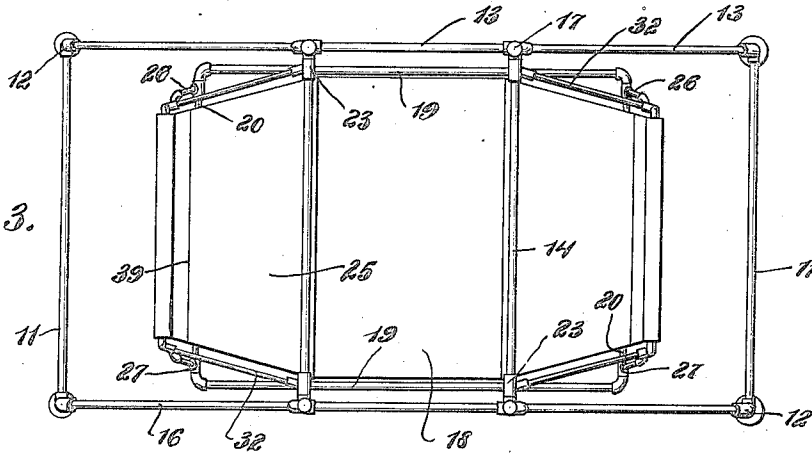
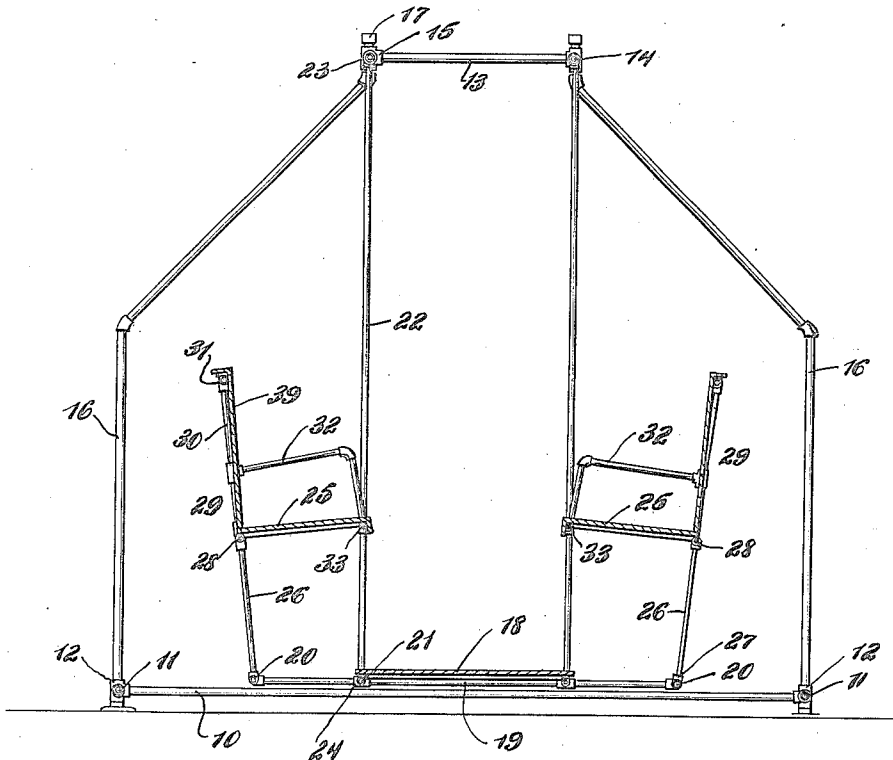


Fig. 4.

WITNESSES

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3 SHEETS—SHEET 3.

Fig. 5.

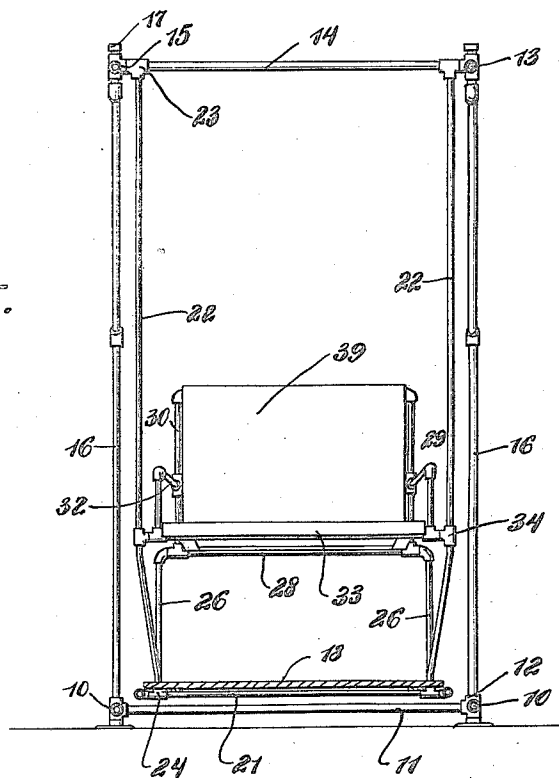
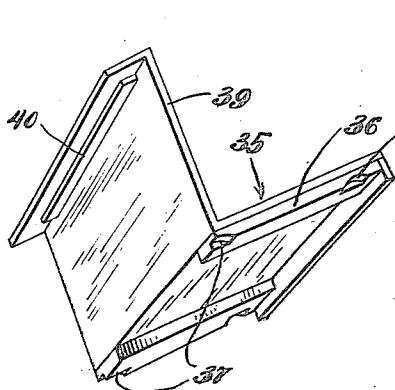


Fig. 6.

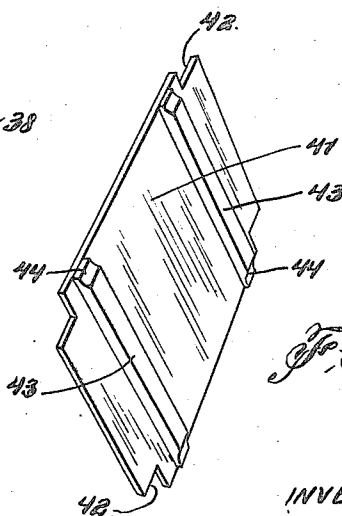


Fig. 7.

WITNESSES

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UNITED STATES PATENT OFFICE.

HERMANN C. GALIPP, OF DALLAS, TEXAS.

LAWN-SWING.

1,343,124.

Specification of Letters Patent.

Patented June 8, 1920.

Application filed December 12, 1919. Serial No. 344,495.

To all whom it may concern:

Be it known that I, HERMANN C. GALIPP, a citizen of the United States, residing at Dallas, in the county of Dallas and State of Texas, have invented new and useful Improvements in Lawn-Swings, of which the following is a specification.

This invention relates to swings and has for an object the provision of a lawn swing of simple and durable construction, which may be left disposed to the weather without danger of injury.

To this end the invention contemplates the provision of a swing having a metal frame, preferably formed of pipe sections, the said frame supporting a similarly constructed platform and seat frame, the former carrying a removable platform, while the latter carries removable seats, which together with the platform may be placed under cover when the swing is not in use.

Another object of the invention is the provision of a swing of novel construction, in which the swing rods connect with the platform and seats in a manner to permit of a free, easy, substantially horizontal movement without any appreciable pivotal movement of the back with respect to the seat, so as to permit of the use of the removable seats hereinafter described.

Other objects and advantages of the invention will appear as the following description is read in connection with the accompanying drawings.

In the drawings:

Figure 1 is a side elevation of a swing embodying the present invention.

Fig. 2 is an end view of the same.

Fig. 3 is a top plan view.

Fig. 4 is a vertical longitudinal section.

Fig. 5 is a vertical transverse section.

Fig. 6 is a detail perspective view of one of the removable seats.

Fig. 7 is a similar view of the removable platform.

Referring to the drawings, wherein like characters of reference denote corresponding parts, the improved swing comprises a frame, which includes a skeleton base made up of parallel side bars 10 and end connecting bars 11, the latter being secured to the side bars by coupling members 12. The frame further includes a relatively narrow supporting frame which is spaced above the base and arranged transversely thereto.

This supporting frame includes parallel side bars 13, and end connecting bars 14, which are joined by coupling members 15. The upper and lower frames are connected by corner standards 16, one end of which is connected to the coupling members of the supporting frame and the opposite end connected to the coupling members 12 of the skeleton base. All of the structure just described is preferably formed of relatively heavy pipe and provides a durable frame, which, when properly covered with paint, will not be subjected to the action of the weather and may be left in an exposed position. The frame is preferably provided with caps 17 at the top of each of the standards 16 to prevent the entrance of water into the standards.

Located within the frame, is a platform frame 18, the latter comprising parallel side bars 19, which are connected by end bars 20. The frame 18 further includes intermediate connecting bars 21. The frame 18 is suspended from and capable of swinging movement upon the supporting frame, and for this purpose there is provided swing rods 22, the upper ends of which are pivotally mounted upon the bars 13 of the supporting frame, as indicated at 23. The lower ends of these rods are pivotally mounted upon intermediate connecting bars 21 of the platform frame, as indicated at 24, so that a substantially horizontal swinging movement may be imparted to the platform frame.

The platform frame carries at each end seats 25, the latter comprising legs 26, which are pivotally mounted upon each of the bars 20, as indicated at 27. The upper ends of the legs 26 are connected by a rod 28, while the lower ends are pivotally mounted upon this bar, as indicated at 29, is the frame of the back of said seats. This frame includes upright rods 30, which are connected by a rod 31. The rods 30 have secured thereto one end of arms 32, the opposite ends of these arms being pivoted upon rods 33 and which serve to connect the swing rods 22, which are located at each side of the seat, the pivotal connection of the arms and the rods 33 being shown at 34. This provides a strong and durable construction, all of which is formed of pipe of a diameter preferably less than the pipe of the supporting frame. It further provides a seat construction, wherein the back of the seat moves in substantially the same parallel plane. This construction of the seat

and back frames permits of the employment of a removable seat and back, the latter being rigid with respect to the former. This removable seat and back comprises a seat 35, 5 beneath which are secured cleats 36. These cleats are provided with notches 37 and 38, for engagement with the rods 28 and 33, respectively. The back, which is indicated at 39, has a strip 40 located along the upper 10 edge thereof, said strip being adapted to engage over the connecting rod 31 of the back.

The seat is further provided with a removable platform 41, which is adapted to 15 be positioned upon the platform frame 18. The platform 41 is notched at each corner, as indicated at 42, so as to fit within the swing rods 22, and is provided upon its upper surface with cleats 43, the latter being 20 notched, as indicated at 44 to receive the intermediate connecting rods 21 of the platform frame. The removable seats and platform are preferably of wooden construction and may be removed by simply lifting the 25 same from engagement with the rods which serve as their support. This permits the seat and platform to be stored in a convenient place out of reach of the weather.

The invention is susceptible of various 30 changes in its form, proportions and minor

details of construction and the right is herein reserved to make such changes as properly fall within the scope of the appended claims.

Having described the invention, what is 35 claimed is:

1. A swing comprising a supporting frame, a platform frame, swing rods connecting the supporting frame and the platform frame, seat frames carried by the platform frame, said seat frame including seat 40 rods and back rods, seats having spaced notches engageable with the seat rods to removably hold the seats in position and a platform removably positioned upon the 45 platform frame.

2. A swing comprising a supporting frame, a platform frame, swing rods connecting the supporting frame and the platform frame, seat frames carried by the platform frame, said seat frame including seat 50 rods and back rods, seats having spaced notches and upper and lower transverse flanges engageable with the seat and back rods to removably hold the seats in position 55 and a platform positioned upon the platform frame.

In testimony whereof I affix my signature.

HERMANN C. GALIPP.