No. 872,736. PATENTED DEC. 3, 1907.

A. C. LANSBERRY, Jr.

SWING.

APPLICATION FILED AUG. 10, 1906.

Fig. 1.

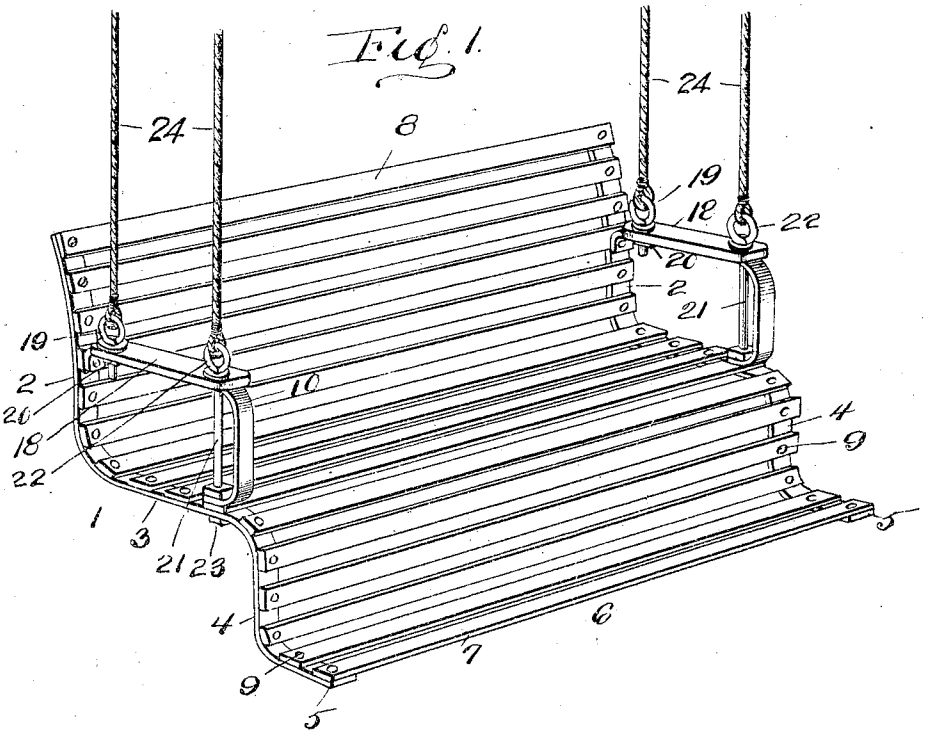


Fig. 2.

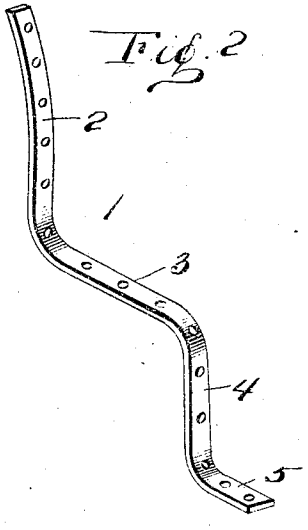


Fig. 3.

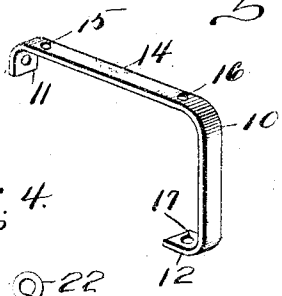
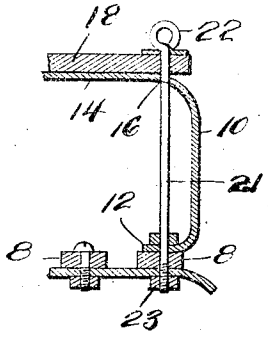


Fig. 4.



Witnesses.

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UNITED STATES PATENT OFFICE.

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SWING.

No. 872,736. Specification of Letters Patent. Patented Dec. 3, 1907.

Application filed August 10, 1906. Serial No. 330,087.

To all whom it may concern:

Be it known that I, ALFERD C. LANSBERRY, Jr., a citizen of the United States of America, residing at Patton, in the county of Cambria and State of Pennsylvania, have invented certain new and useful Improvements in Swings, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to swings, and the invention relates particularly to a swing designed for a porch, veranda or similar place.

The invention has for its primary object to provide a simple and inexpensive seat for a swing having comparatively few separable parts, that can be easily and quickly assembled, to form a comfortable seat or bench for one or more occupants.

Another object of this invention is to provide a strong and durable seat for swings, which will be cool, attractive in appearance, and highly efficient as a swing seat.

With the above and other objects in view, the invention consists in the novel construction, combination and arrangement of parts to be presently described, illustrated and claimed.

Reference will now be had to the drawing forming part of this specification, wherein like numerals of reference designate corresponding parts throughout the several views, in which:—

Figure 1 is a perspective view of my improved swing seat, Fig. 2 is a similar view of one of the end frames of the seat, Fig. 3 is a similar view of one of the arm frames, and Fig. 4 is a detail sectional view of a portion of the seat, illustrating one of the tie rods of the seat.

To put my invention into practice, I construct my improved swing seat of two metallic end frames 1, each frame comprising a back portion 2, a seat portion 3, a riser portion 4 and a tread portion 5, the last two portions constituting supports for a foot rest 6, which is formed by arranging a plurality of slats or rails 7 between the frames. The seat and back are also formed of a plurality of slats or rails 8, which are riveted, bolted or otherwise secured to the frames, as at 9.

The arms of the swing seat are formed by metallic angular frames 10 having their ends bent and pierced, as at 11 and 12 to engage the back and seat over each end frame, the ends 11 being secured to the back by two of the rivets or bolts employed for securing the slats 9 to the frames 1. The horizontal portions 14 of the frames 10 are provided with apertures 15 and 16, the apertures 16 of the frames 10 alining with the openings 17 of the pierced and bent end 12 of the arm frames. Upon the horizontal portions of said arm frames are mounted arm rests 18, said rests being secured at their rear ends by eye bolts 19, which pass through the apertures 15 of the arm frames; nuts 20 being employed to retain the bolts therein. The forward ends of the arm rests 18 are secured to the frames 10 by tie rods 21, which pass through the arm rests 18, apertures 16 and 17, the ends of one of the slats 8 and the frames 1, these tie rods having eyelets 22 upon their upper ends, and nuts 23 upon their lower ends to maintain said rods in position.

Suitable cables or chains 24 can be fastened to the eye bolts 19 and rods 21, to suspend my improved seat from the ceiling of a porch or from a similar support. It will be observed that the tie rods 21 serve the twofold purpose of tying together the forward ends of the arm frames and the end frames of the seat, besides affording means to which the suspension cables can be attached.

As heretofore stated, the entire aim of this invention is to provide a simple, comfortable and durable swing seat, it being obvious that the seat can be made of wood, iron or a similar material.

What I claim and desire to secure by Letters Patent, is:—

In a swing, the combination of end frames bent to form supports for back seat and foot rests of the swing, slats forming the back of the swing secured to said frames, slats forming the seat of the swing secured to said frames, and slats forming the foot rest secured to said frames, arm frames bent to form vertically and horizontally disposed portions, the vertical portions having inturned apertured ends mounted upon one of the slats forming the seat, the horizontally-disposed portion of each of the arm frames having downturned apertured ends resting against one of the slats formed in the back, arm rests mounted on each of the arm frames, means extending through the downturned apertured ends of the arm frames and engaging with the slat against which said downturned apertured ends bear for fixedly securing the latter, eye-bolts extending

through the arm rests and the horizontal portion of the arm frames for securing the arm rests at their rear ends to the arm frames, tie rods extending through said arm rests near their forward end, and further through the inturned ends of the arm frames and of the slats against which the inturned ends bear for securing the arm rests and end frames to the seat, said tie rods having their upper ends formed with eyes, and suspension cables connected to said eyes and to the bolts.

In testimony whereof I affix my signature in the presence of two witnesses.

ALFERD CLARK LANSBERRY, JR.

Witnesses:
J. E. DALE,
J. L. DOLE.