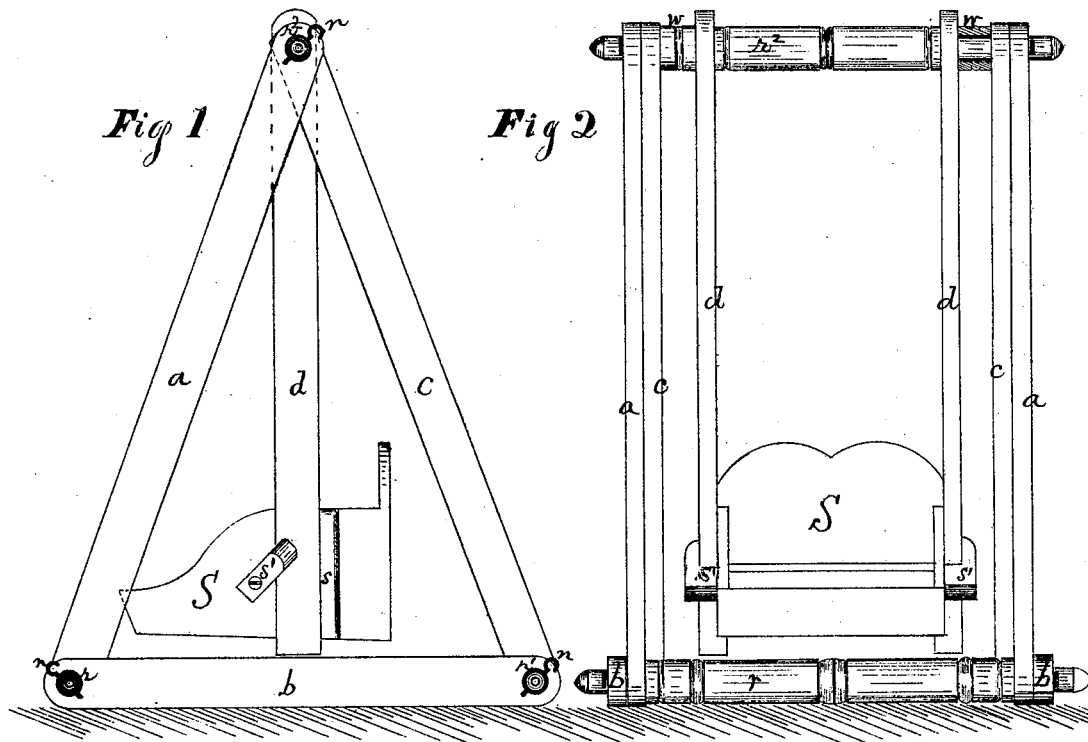


*D. M. Reynolds,*

*Swing.*

*No. 111,570.*

*Patented Feb. 7. 1891.*



*Witnesses*

*E. W. Frost.*  
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# United States Patent Office.

DANIEL M. REYNOLDS, OF CHICAGO, ILLINOIS.

Letters Patent No. 111,570, dated February 7, 1871.

## IMPROVEMENT IN PORTABLE SWINGS.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern :*

Be it known that I, DANIEL M. REYNOLDS, of the city of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Portable Springs; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 is a side elevation, and

Figure 2 is a front elevation.

Similar letters of reference in the drawing denote like parts.

The object of this invention is to provide for public use a neat, simple, and convenient portable swing, which can be readily set up and taken down, requiring no supports but its own frame, and which can be packed in a very small compass for transportation.

This object is accomplished by the devices constructed and operating as hereinafter set forth.

In the drawing—

*r r'* are rounds of nearly equal length, terminating at each end in pins or journals, and connected by side bars *b b* to form the base of the frame.

*a a* are two bars, longer than *b b*, and connected at their lower ends to the journals of round *r*.

*c c* are two similar bars, connected at their lower ends to the journals of round *r'*, the upper ends of the bars *a a c c* being all connected to a third round, *r''*, the rounds and bars thus forming a triangular supporting-frame for the swings.

*d d* are two swinging rods attached to the round *r''* and supporting the seat *S*, which is held between the two rods, its weight resting upon shoulders formed on their inner sides for the purpose. The seat being thus supported is held firmly in position by means of

a cleat, *s*, on the side of the seat, which touches one edge of the bars and an eccentric or button, *s'*, which can be fastened over the other, thus clamping the rods firmly to the sides of the seat.

The several bars *a b c d* are all connected to the rounds by means of the journals on the latter, which pass through holes made in the ends of the former, and are secured by pins or nuts *u u*. Washers *w w* may be interposed between the several bars connected to the same end of any one of the rounds, if preferred.

In packing the swing for transportation it is only necessary to take out the pins and disconnect bars *c c* from round *r'*, then bring the free ends of those bars alongside of the front bars *a a*, inserting the journals of the front round *r* into the holes at their lower ends; then bring the round *r'* up against the back of the pendent bars *d d*, and swing the whole forward until it is in line with and inclosed between the outer bars *a a*. The round *r'* may be disconnected and placed between the bars *d d*, and if preferred the seat may be detached and placed in the same position, or packed with others of different sizes separately from the frames.

Having thus described my invention,

What I claim as new therein, and desire to secure by Letters Patent, is—

The combination of seat *S*, button *s'*, cleat *s*, and pendent rods *d d*, having a shoulder for the support of the seat, when employed in a swing, substantially as described.

DANIEL M. REYNOLDS.

Witnesses:

E. A. ELLSWORTH,  
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