

(No Model.)

O. STRICKLAND.  
SWING.

No. 471,700.

Patented Mar. 29, 1892.

Fig 2.

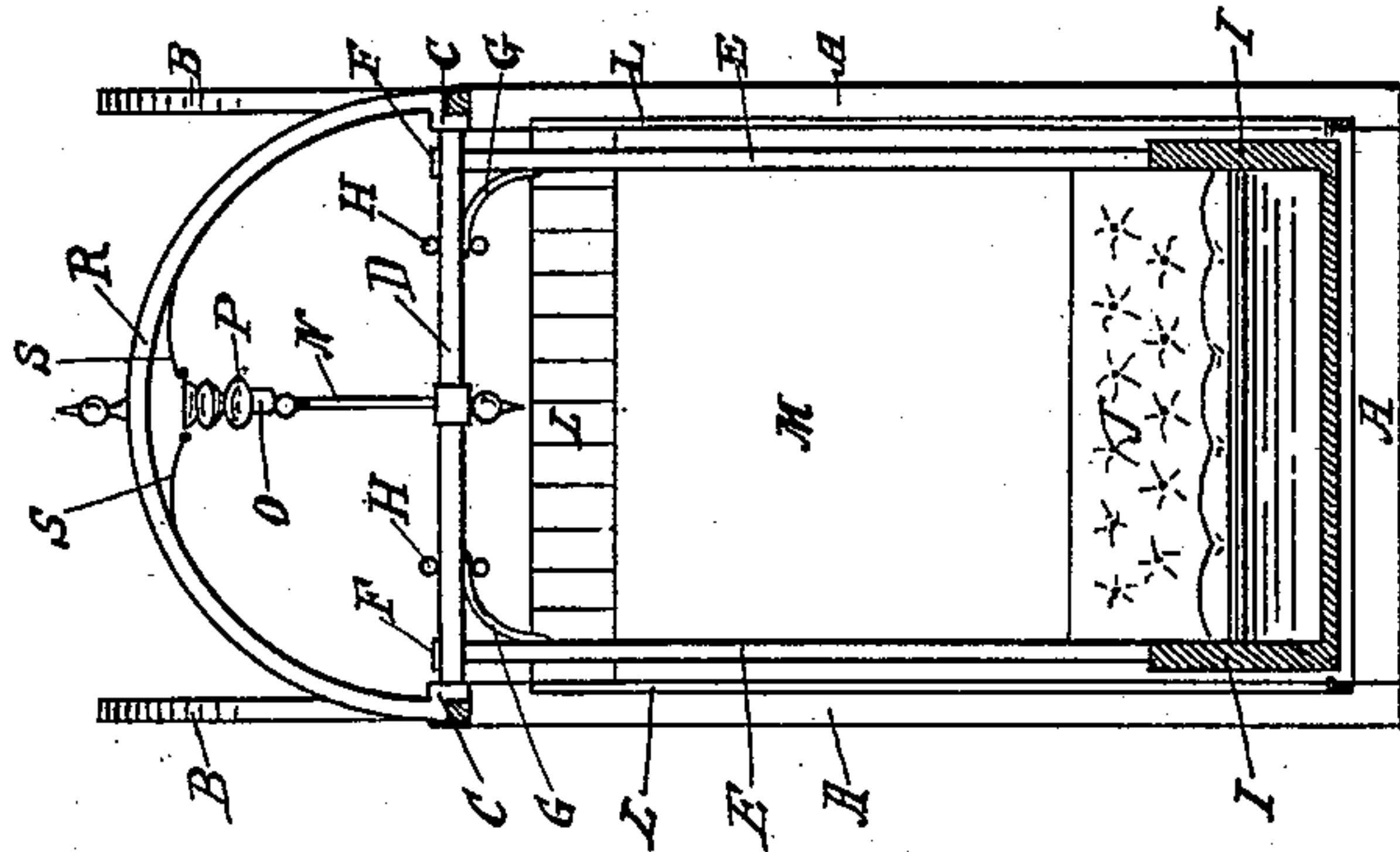
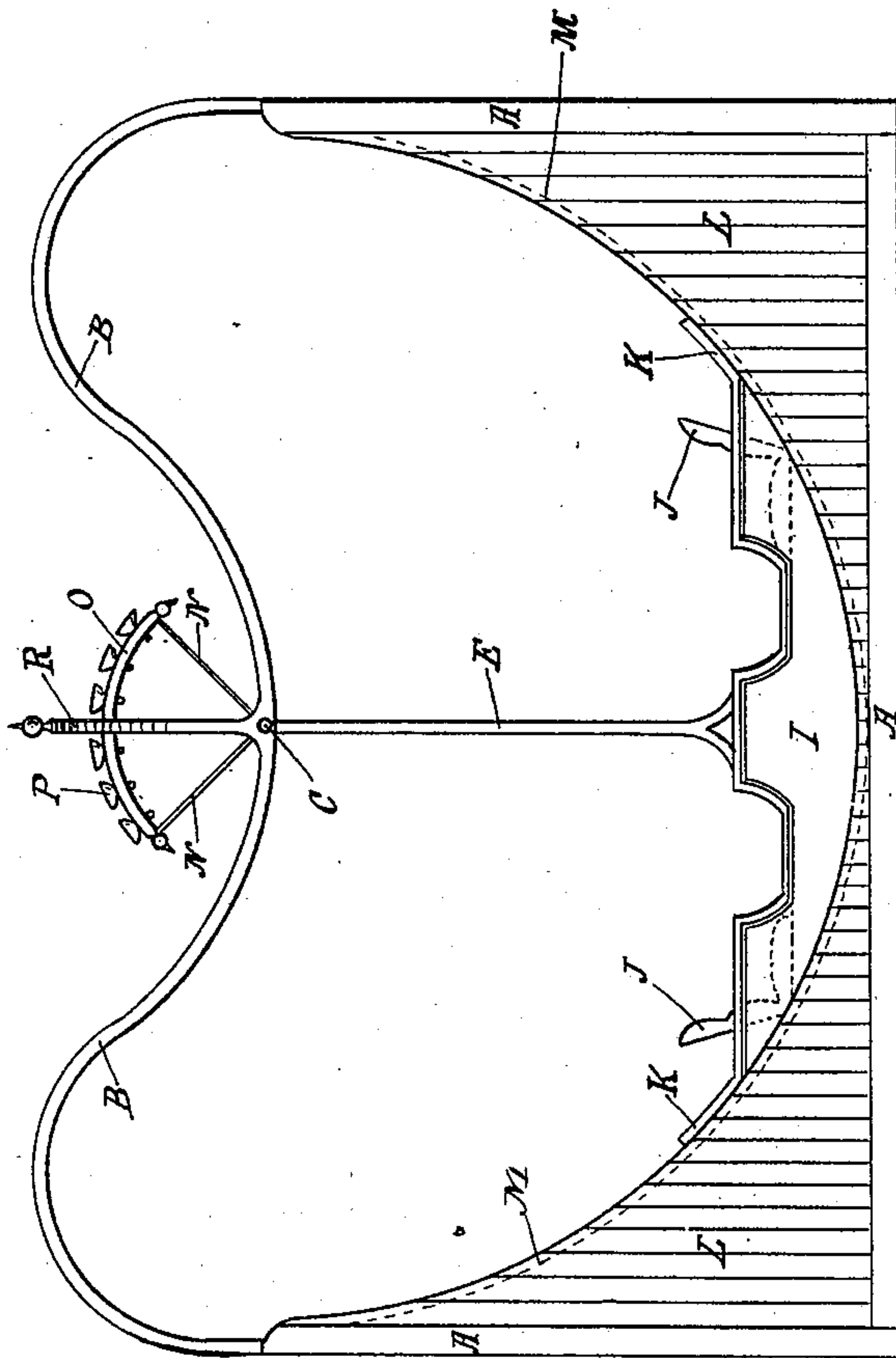


Fig 1.



Witnesses:

E. B. Bolton  
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By

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# UNITED STATES PATENT OFFICE.

OWEN STRICKLAND, OF BRISTOL, ENGLAND.

## SWING.

SPECIFICATION forming part of Letters Patent No. 471,700, dated March 29, 1892.

Application filed September 5, 1891. Serial No. 404,874. (No model.) Patented in England July 18, 1891, No. 12,234.

*To all whom it may concern:*

Be it known that I, OWEN STRICKLAND, a subject of the Queen of Great Britain, and residing at 8 Lower Hochfield Road, Redland, Bristol, England, have invented Improvements in and in Connection with Swing-Boats Specially Applicable for Children's Use, (for which I applied for a patent in Great Britain on the 18th day of July, 1891, and numbered 12,234,) of which the following is a specification.

The object of my invention is to construct a swing-boat for the use of children that shall be perfectly safe, both to those using same and also to others who may be looking on or swinging the boat, the invention being specially adapted for fitting up in nurseries and like situations.

For the better illustration of this my invention I have hereunto annexed a sheet of drawings, in which—

Figure 1 is a side elevation, and Fig. 2 an end elevation, of my invention, the latter being partly in section.

In the drawings, A A A is the wooden frame-work, from which the curved rods B B extend, carrying the bearings in the center at C, in which the spindle or cross-bar D, Fig. 2, is hung. On this cross-bar the pendent rods E E are bolted, as shown at F F, Fig. 2, extra rigidity being given to them by the bracket-rods G G, bolted to the spindle at H H. The boat I I is firmly bolted to the rods E E by any suitable method. The backs of the seats are shown at J J, extending above the side frames of the boat, and the bottom of the boat is extended at both ends, as shown at K K. The sides of the frame are inclosed by suitable matchboard or paneling in the form of a semicircle, as shown at L L, and closed

in preferably by a sheet of metal marked M M. The peal of bells or gongs may be rung by several different methods, one of which is shown in the figures. In the center of the spindle D a rod or rods N N are clamped or bolted. On these a quadrant O is affixed, on which a peal of suitable bells or gongs P P is attached, preferably with their mouths upward. On the arched or curved stay of the frame-work R one or more hammers are affixed, preferably on springs, as at S S, Fig. 2, in such a position or positions that they strike the rims of the bells or gongs as they pass in succession by the action of the swinging boat.

What I desire to claim by Letters Patent is—

1. A swing having an inclosing frame-work with inclosed semicircular sides, whereby injury is prevented to those using the same as well as those about the same, as set forth.

2. A swing having an inclosing frame-work with inclosed semicircular sides, whereby injury is prevented to those using the same as well as those about the same, the inclosing frame-work having curved rods carrying bearings for the cross-bar on which the boat swings.

3. A swing having an inclosing frame-work with inclosed semicircular sides, whereby injury is prevented to those using the same as well as those about the same, the inclosing frame-work having curved rods carrying bearings for the cross-bar on which the boat swings, and the pendent rods E E.

Dated this 19th day of August, 1891.

OWEN STRICKLAND.

Witnesses:

M. CLIFFORD,  
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