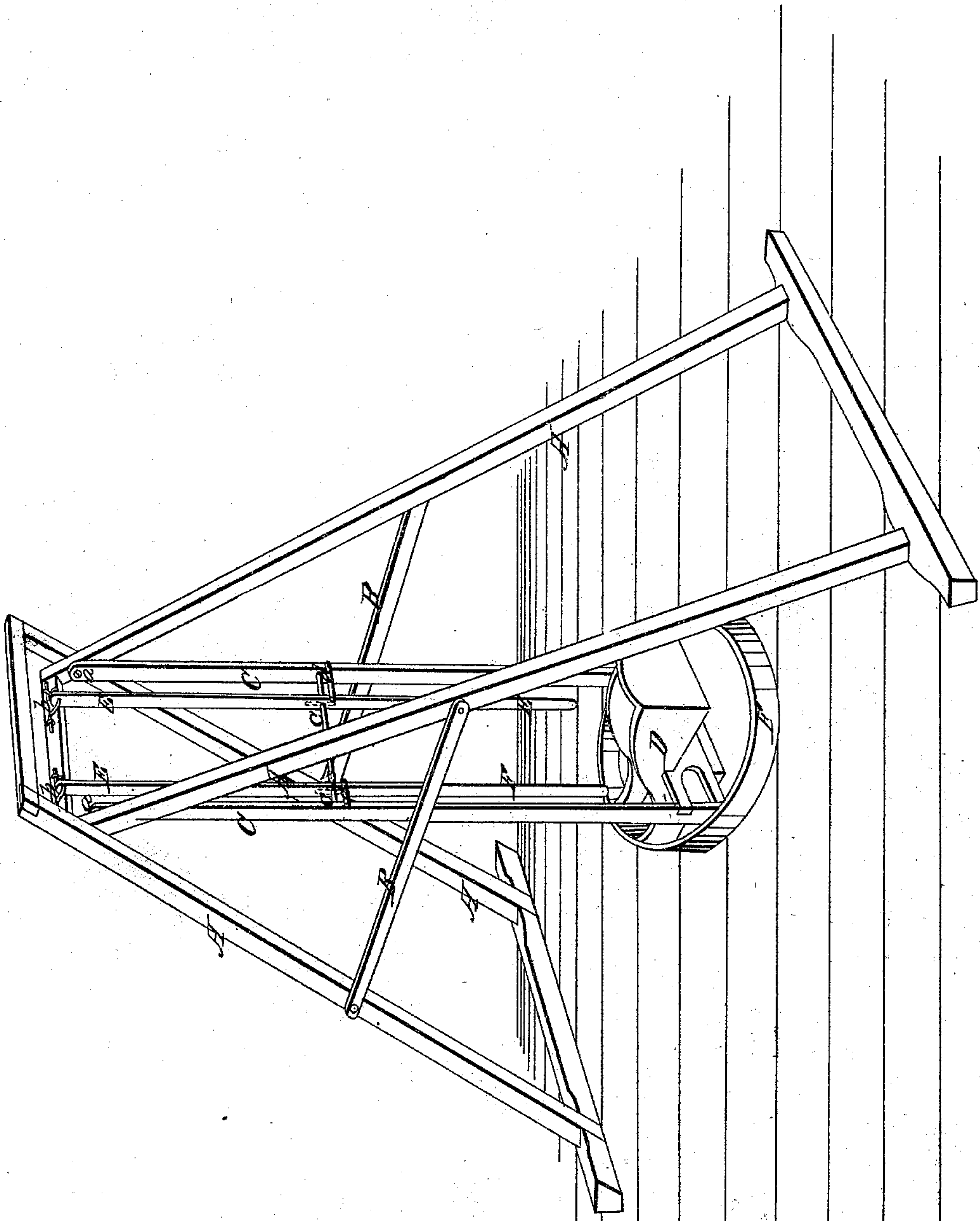


A. P. Payson

Swing

N^o 66,038.

Patented Jun. 25, 1867.



Witnesses.

*G. W. Smith
Geo. H. Strong.*

Inventor.

Alonzo P. Payson

United States Patent Office.

ALONZO P. PAYSON, OF SAN FRANCISCO, CALIFORNIA.

Letters Patent No. 66,038, dated June 25, 1867.

GYMNASTIC SWING.

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, A. P. PAYSON, of San Francisco city and county, State of California, have invented a certain new and improved "Gymnastic Swing;" and I do hereby declare the following description and accompanying drawings are sufficient to enable any person skilled in the art or science to which it most nearly appertains to make and use my said invention without further invention or experiment.

The nature of my invention is to provide a swing which can be impelled by the person occupying it, and will combine a healthy exercise with the amusement. For this purpose I construct a swing, the oscillating arms of which are rigid, and moving about a point of suspension near the top. Between these sides, and attached at or near their point of suspension, are two levers, extending down so far as to be conveniently reached by the occupant of the swing. These levers are attached to the supporting sides of the swing, at some point below the point of suspension, so that the motive levers form levers of the second kind, while the supporting arms form levers of the third kind.

To more fully explain my invention, reference is had to the accompanying drawings, forming a part of this specification. Similar letters of reference indicate like parts.

The drawing represents a form, of which A A are the supporting standards, strengthened and kept in place by the cross-bars B B. C C are the supporting arms, having the seat D at their lower ends, and being suspended at the points *a*. The motive levers E E are attached to the short arms *b b*, thus allowing them to accommodate themselves to the varying position of the arms C C while swinging. The levers E E are fastened to the arms C C by a rod or other device at *c*, and are kept in their proper place by the short arms *d d*. The levers E E may be attached to the centre of motion of the arms C C, and by making a slot at *e* the short arms *b b* may be dispensed with. A thin hoop encircles the bottom of the swing, which, by its elasticity, will prevent serious injury in case of any one getting in the way.

The advantage is that the person swinging is not dependent on another person to swing him, and the exercise will be found very healthful, as combined with the amusement.

Having thus described my invention what I claim, and desire to secure by Letters Patent, is—

A swing constructed with the supporting arms C C, and the motive levers E E, substantially as and for the purpose described.

In witness whereof I have hereunto set my hand and seal.

ALONZO P. PAYSON. [L. S.]

Witnesses:

GEO. H. STRONG,
C. W. M. SMITH.