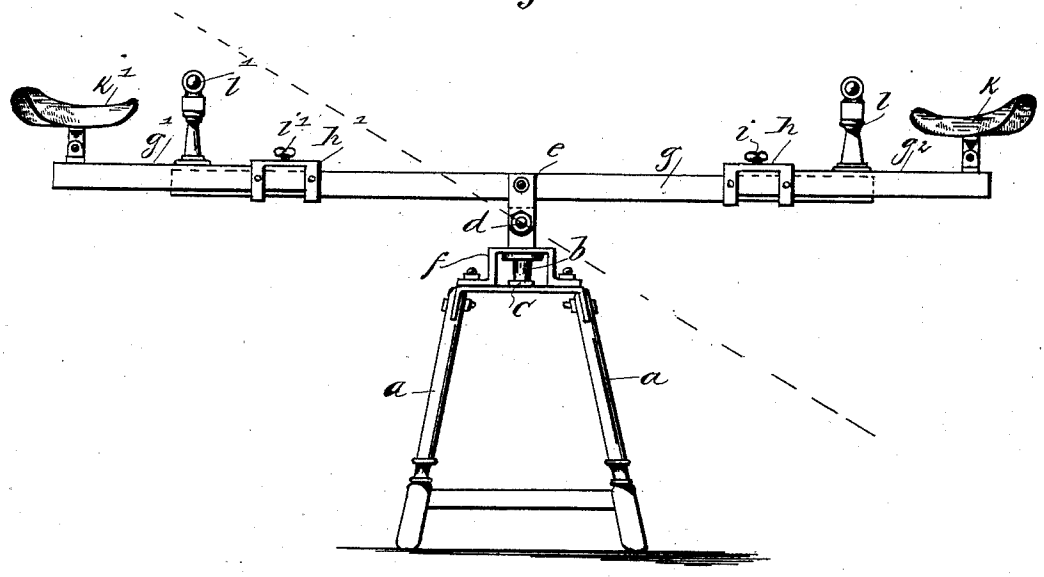
(No Model.)

C. SCHWAGER.

BALANCE SWING.

No. 374,206. Patented Dec. 6, 1887.

Fig. 1.



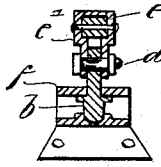


Fig. 3.

Fig. 2.

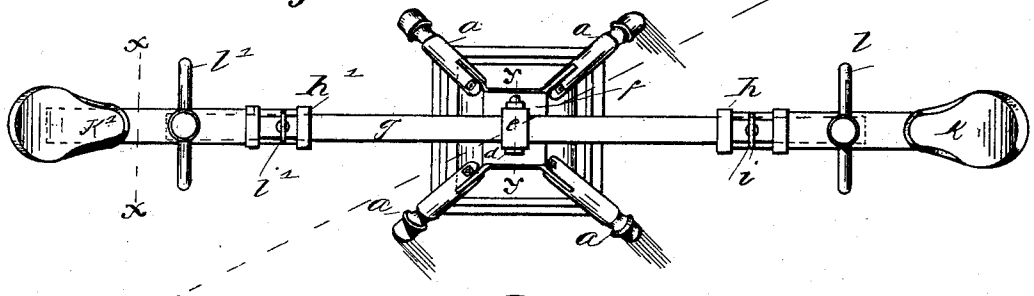




Fig. 4.

Witnesses

Louis G. Ruth.

Frank Bowers

Inventor

Charles Schwager

by Jacob W. Looper

Atty.

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UNITED STATES PATENT OFFICE.

CHARLES SCHWAGER, OF INDIANAPOLIS, INDIANA.

BALANCE-SWING.

SPECIFICATION forming part of Letters Patent No. 374,206, dated December 6, 1887.

Application filed May 25, 1887. Serial No. 239,314. (No model.)

To all whom it may concern:

Be it known that I, CHARLES SCHWAGER, of Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Balance-Swings; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The object of my invention is to provide a balance-swing arranged and constructed in such a manner that persons of different size and weight may occupy my device at one and the same time, and while so doing remain in a balanced condition. I accomplish this object by means of the device described in this specification, and illustrated in the drawings filed herewith and made a part hereof, and in which similar letters of reference relate to similar parts of my invention.

In the drawings, Figure 1 is a side view of my balance swing. Fig. 2 is a top or plan view of Fig. 1. Figs. 3 and 4 are detail sections of parts of my device, hereinafter more fully described.

In Fig. 1, *a* is a stool or supporting-frame for my balance-swing.

b is a center pivot, the under end of which turns loosely in socket *c* of stool *a*. The upper end of said pivot is flattened, and forms, with bolt *d* and straps *e* and *e'*, a hinge-joint.

f is a cap provided with a center opening, through which the center pivot, *c*, is loosely made to pass, and serves the purpose of keeping said pivot *c* in a vertical position.

g is a balance-beam, firmly secured at its central portion in the upper part of the fork formed by the straps *e* and *e'*, as clearly shown in Fig. 2.

g' and g^2 are extending bars, provided on one end with clamps *h* and *h'*, firmly fastened on the upper end to the extending bars g' and g^2, and on the lower end loosely fitting around the beam *g*.

i and *i'* are set-screws tapped on top into the clamps *h* and *h'*, and serve, when screwed down, the purpose of holding the extending bars g' and g^2 in any desired position. On the other outer end of the extending bars g' g^2 are mounted the seats *k* and *k'*, fastened to the extending bars g' and g^2 by means of swivel and knuckle joint, as shown in Fig. 4.

l l' are handles fastened on top of the extending bars, and serve as safety-guards for persons using my device.

The advantages I derive in using my device as a balance-swing are as follows: By applying a hinge-joint and center pin in combination as a fulcrum-point to a balance-swing I am not alone enabled to use my swing in an up and downward motion, as indicated by the dotted lines in Fig. 1, but I can also turn the swing around its axis in a horizontal motion, as shown in Fig. 3 by the dotted lines. The same motions relate to the seats *k* and *k'*, as the construction of the connections to the extension-bars g' and g^2 is similar to the center connection of bar *g;* hence the seats can turn on their axes or swivels, and also maintain a horizontal position when occupied by persons.

The extending bars g' g^2 may be moved to and from the fulcrum for the purpose of equalizing the difference in weight of persons using the balance-swing.

Having thus described my invention, its advantages, and use, what I claim as new, and desire to secure by Letters Patent, is—

1. In a balance-swing, the combination of beam *g* with extending bars g' g^2, the clamps *h h'*, set-screws *i i'*, handles *l l'*, and seats *k k'*, mounted on swivel and hinge joints, all substantially as described.

2. In a balance swing, the beam *g*, clamps *h h'*, handles *l l'*, and seats *k k'*, in combination with the center pin, *c*, and hinge-joint, all mounted on stool *a*, substantially as described.

In witness whereof I have hereunto set my hand and seal, at Indianapolis, Indiana, this 14th day of May, A. D. one thousand eight hundred and eighty-seven, (1887.)

CHARLES SCHWAGER. [L. S.]

In presence of—
JACOB W. LOEPER,
J. A. COULTER.