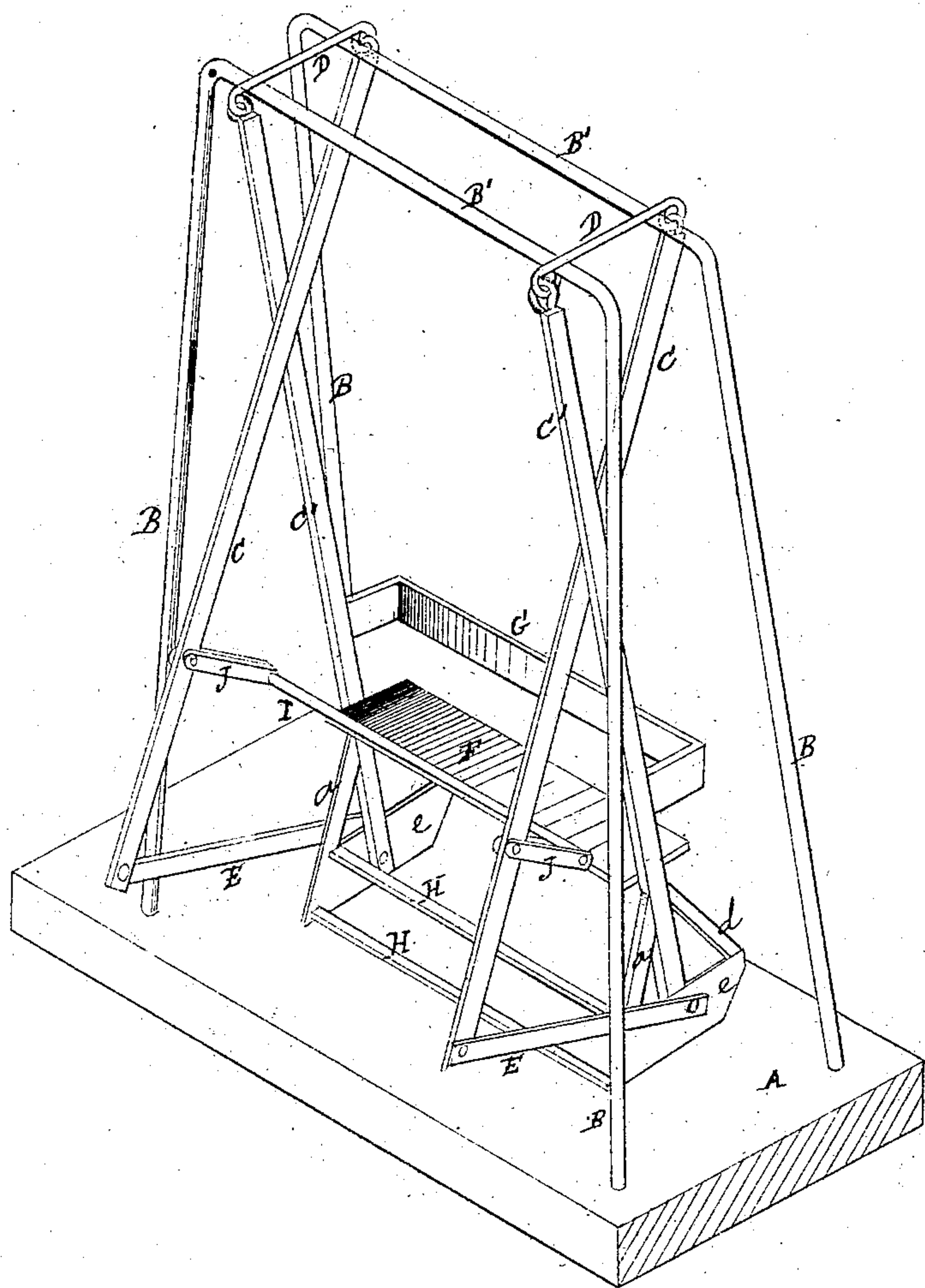


J. W. Sheaffer,

Swing

No 69,132.

Patented Sep. 24. 1867.



Witnesses:
W. Stockwell
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per
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Att'y

United States Patent Office.

JOHN W. SHEAFFER, OF LOCKPORT, ILLINOIS.

Letters Patent No. 69,132, dated September 24, 1867.

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, JOHN W. SHEAFFER, of Lockport, in the county of Will, and in the State of Illinois, have invented new and useful improvements in Swings; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

In the annexed drawings, making part of this specification, A represents a base, upon which the swing is erected. B B represent uprights, which pass up from the four corners of the base, and which are connected at their upper ends by the cross-pieces B' B'. The uprights stand out at their lower ends in a bracing manner, as seen. D D represent two bars, which lie across the cross-pieces B' B', and which are made secure to them. The bars D D have eyes or loops in their ends, so that the bars of the swing may be hinged to them. C C' represent the bars of the swing, which are hinged to the bars D D at their upper ends. These bars C C' cross each other as represented, being separated a suitable distance at their lower ends, and kept apart by means of the bars or strips E E, which are pivoted to them. The seat F is secured between or near the lower ends of the swing-bars C C'. The back G is also secured to said bar C' at a short distance above the seat. c and d represent braces, which are secured at their upper ends to the bars C', and at their lower ends to a cross-piece, e, which is secured to each of the bars C' at its lower end. The foot-pieces or steps H H of the swing are secured to the braces a a. The handle I is secured to the short bars J, which said short bars J are pivoted or hinged to the swing-bars C C. The handle I, being adjustably hinged or connected to the bars C C, may be made to move to or from them, as may become necessary in the act of swinging, either in the case of an adult or a child. There are several steps provided, as will be seen, in order that adults or children may be accommodated in having a foot-rest while swinging.

One great advantage in having a handle, and one which is adjustably hinged, is, that the person using the swing may have a support, either when the swing is at its highest point in front or rear. The handle can be raised by the operator when the swing is at its highest point in rear, and lowered when at its highest point in front, or may be drawn toward or pushed from the seat, to accommodate long or short arms. The operator is enabled to propel himself in this swing by the action of the body and the arms. By drawing upon the bars C C, by means of the handle I, after the seat has reached its farthest point backward and is coming forward, and by pushing against said bars by the handle when the seat has reached its farthest point forward and is coming backward, the operator is enabled to keep himself moving without the aid of other power.

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

The adjustable handle I, with its connecting-bars J J, when used in combination with the swing-bars C C C' C', and the seat F, as and for the purpose set forth.

In testimony that I claim the foregoing improvement in swings, I have hereunto set my hand this 18th day of January, 1867.

JOHN W. SHEAFFER.

Witnesses:

E. C. SHEAFFER,
CHARLES H. BURRIS.