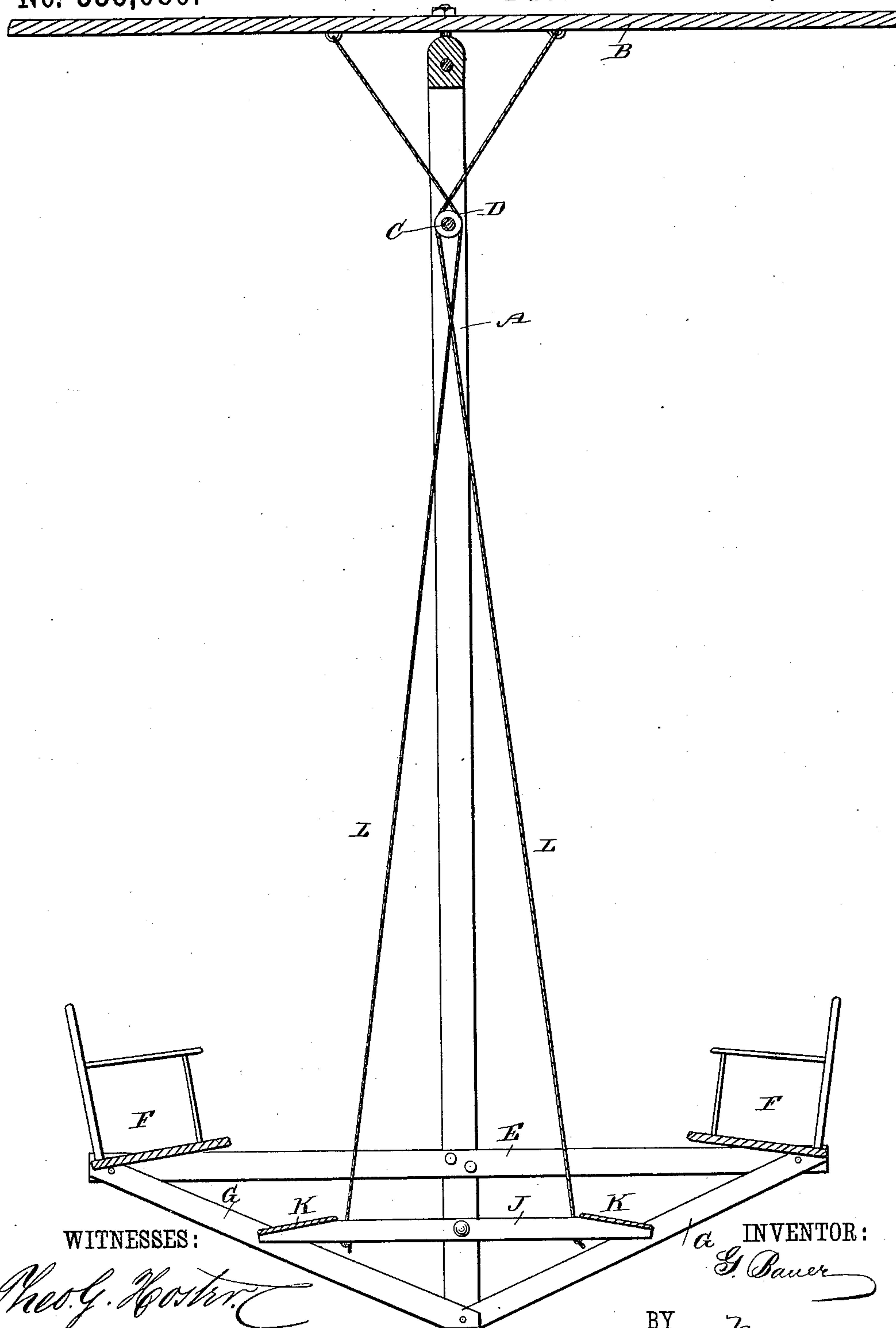


(No Model.)

G. BAUER.
SWING.

No. 336,080.

Patented Feb. 16, 1886.



WITNESSES:

Theo. G. Hoster.
C. Sedgwick

INVENTOR:

G. Bauer

BY

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UNITED STATES PATENT OFFICE.

GEORGE BAUER, OF ST. LOUIS, MISSOURI.

SWING.

SPECIFICATION forming part of Letters Patent No. 336,080, dated February 16, 1886.

Application filed October 21, 1884. Serial No. 140,104. (No model.)

To all whom it may concern:

Be it known that I, GEORGE BAUER, of St. Louis, and State of Missouri, have invented certain new and useful Improvements in
5 Swings, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved swing, so constructed that it can be operated by the persons occupying
10 it by exerting a downward pressure with the feet.

The invention consists in the construction and arrangement of parts, as will be hereinafter fully described and claimed.

15 Reference is to be had to the accompanying drawing, forming part of this specification, in which a longitudinal sectional elevation of my improved swing is shown.

The downwardly-projecting swing-bars A
20 are hinged or pivoted in some suitable manner to a ceiling, B, or to a suitable frame or platform supported by suitable uprights. The swing-bars A are united near their upper ends by a cross-rod, C, on which a roller, D, is
25 mounted. To each swing-bar a horizontal bar, E, is secured at the lower end at right angles to the bar, and the said bars E are united at their ends by transverse seats F, which are slightly inclined backward. The ends of the
30 bars E are braced by braces G, extending from the lower ends of the swing-bars A to the ends of the bars E. Below each bar E a bar, J, is pivoted, which bars J are united at their ends by transverse foot-bars K to form
35 a rocking frame, to which ropes L are secured,

which are passed over the roller D on opposite sides, and are secured to the ceiling or the top frame B above the same foot-board to which they are secured at their lower ends.

If desired, the roller D may be pivoted on
40 one or both swing-bars.

The operation is as follows: One or more persons occupy each seat, and the person or persons on one seat exert a downward pressure with the feet on the corresponding foot-board, whereby the swing-frame is swung in
45 the direction from the center toward that board on which the pressure is exerted by the person or persons on the seat. Then a pressure is exerted on the other foot-board and
50 the swing-frame is swung in the inverse direction, and so on alternately.

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

A swing comprising the bars A, the seat-bars E, secured to the lower ends of bars A, the seats F F at opposite ends of the seat-bars, the bars, J, pivoted to the bars A below the
60 bar E and between the two seats, the foot-pieces K on opposite ends of the pivoted bars J, the rods C, connecting the bars A near their upper ends, and the ropes L, secured to the pivoted frame J K, and extending upward over the rod C, as shown and described.

GEORGE BAUER.

Witnesses:

JOHN H. WIEGAND,
C. H. GRUPE.