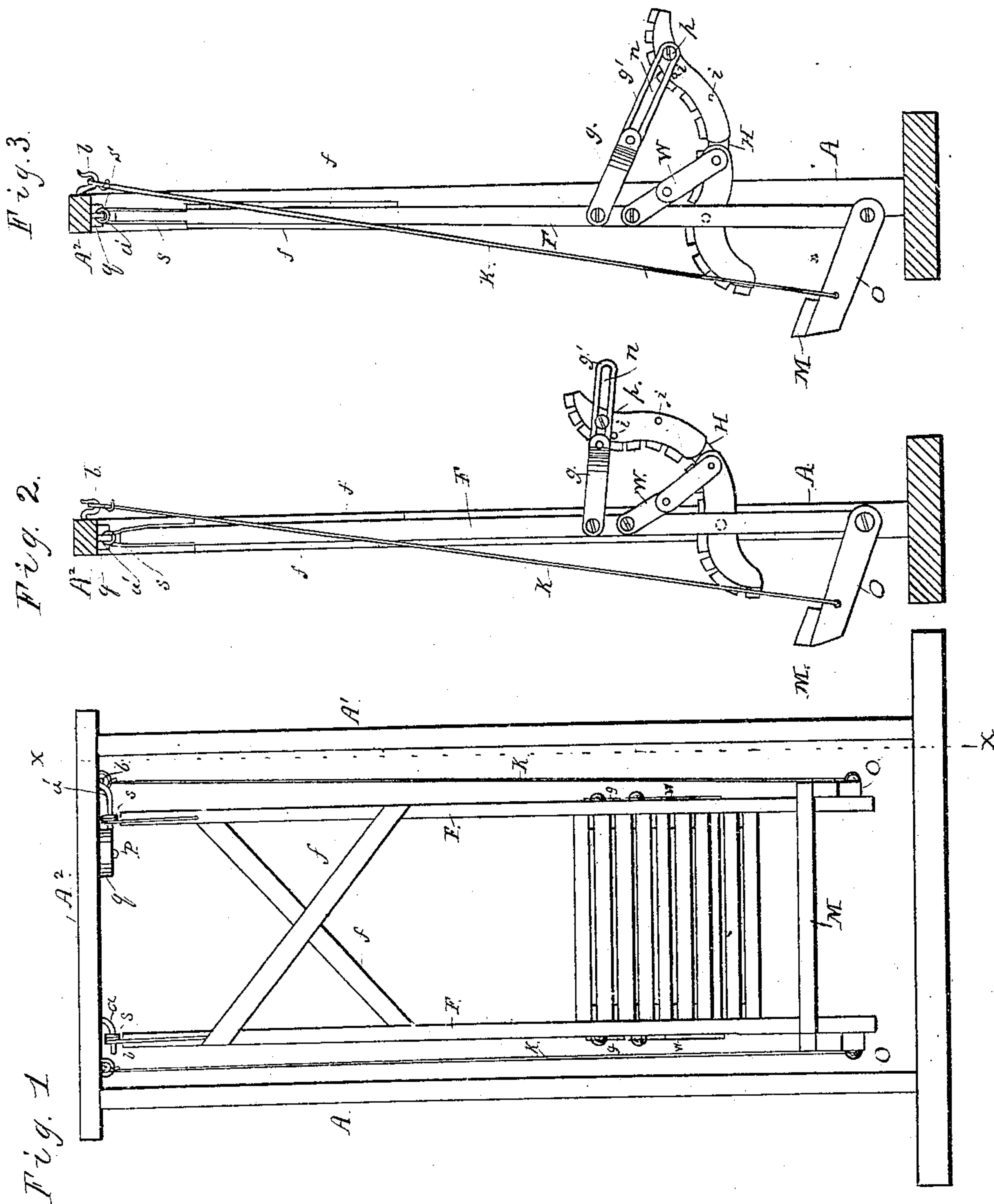


(No Model.)

C. L. GELINEAU.
SWING.

No. 270,656.

Patented Jan. 16, 1883.



WITNESSES:

Morton Toulmin
S. M. Barrett,

INVENTOR

Charles L. Gelineau
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UNITED STATES PATENT OFFICE.

CHARLES L. GELINEAU, OF WEBSTER, MASSACHUSETTS.

SWING.

SPECIFICATION forming part of Letters Patent No. 270,656, dated January 16, 1883.

Application filed July 15, 1882. (No model.)

To all whom it may concern:

Be it known that I, CHARLES L. GELINEAU, of Webster, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Swings; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in swinging-chairs, adapted to be hung either in a doorway or to a suitable frame for such purposes.

The object of the invention is to form a swinging-chair which can be hung in a doorway, as well as in a frame made expressly for the purpose, also to adjust the chair in such manner that the occupant may sit in an upright or reclining position and maintain the swing in motion by the action of the feet. These objects are attained by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a front elevation. Fig. 2 is a side elevation, partly in section, showing the chair-back in an upright position. Fig. 3 is a side elevation, partly in section, showing the back and seat of the chair adjusted to an inclined position.

A A' are the side posts of the frame. A² is the cross-bar at the top of the frame A A', and is provided with the hooks *a a'* and button *q*. The button *q* turns on a pivot, P, which allows the button *q* to be placed in such position that the swing may be removed.

F F are side bars to the swing. The upper ends of these bars F F are secured to metal rods or straps *s s*, turned over two or three times in such manner as to form loops or eyes which engage with the hooks *a a'*, and support the chair in a swinging position.

In the rear of the cross-bar A², and attached to it, are two hooks, *b b*, to which are attached the rods K K.

The two side bars or rails F are provided

with braces *f f*, which stiffen the whole structure.

The seat of the chair is pivoted to the side rails F F, and is further secured thereto by two pivoted metal straps, W W, on each side. The rails of the seat and the back are attached to each other by the hinges H H, placed on the inner side of each rail. The back of the chair is attached to the side bars F F by two metal straps, *g g'*, on each side and pivoted to each other. The straps *g'* have each a longitudinal slot, *n*. The bolts or screws *p* have proper shaped heads to project over the inner edges of these slots, and thus secure the straps *g'* in the proper position, and at the same time allow them to slide backward and forward and permit the desired adjustment of the various parts to be made. The bolts or screws *p* go through the above-named slots, and are attached to the rails forming the back of the chair. The small pins *i i* project outwardly from the rails forming the back of the chair, and serve to hold and to guide the straps *g'* in their proper positions and allow the chair to be placed in a vertical or in various inclined positions.

At the bottom of the side bars F F are pivoted short bars O O, projecting in a forward direction, which support a foot-board, M. When the swing is in a vertical position these short bars O O incline upwardly from the bars F F.

From the rear of the cross-bar A², and attached to the hooks *b b*, are two long metal rods, K K, having their upper ends formed into eyes to engage with said hooks *b b*. These rods extend down and are pivoted to and about the middle of the short side bars O O on the outside of the side bars F F.

When the occupant sits in the chair and pushes with his feet against the foot-board M, motion is imparted to the swing.

The button *q* is secured to the cross-piece A² by a pivot, P, or in any manner which will permit it to be turned far enough to allow the removal of the straps *s s*, and thus permit the swing to be taken off without any further trouble.

Having thus described my invention, what I

desire to secure by Letters Patent and to claim is—

5 In a swinging-chair, the combination of the frame A, cross-bar A², hooks *a a'* and *b b*, with the side bars F F, rods K K, metal straps W W, straps *g g'*, and the side and bottom rails of the chair, substantially as described, and for the purposes set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of 10 two witnesses.

CHARLES L. GELINEAU.

Witnesses:

CHARLES P. DAVIS,
ARTHUR SHERMAN.