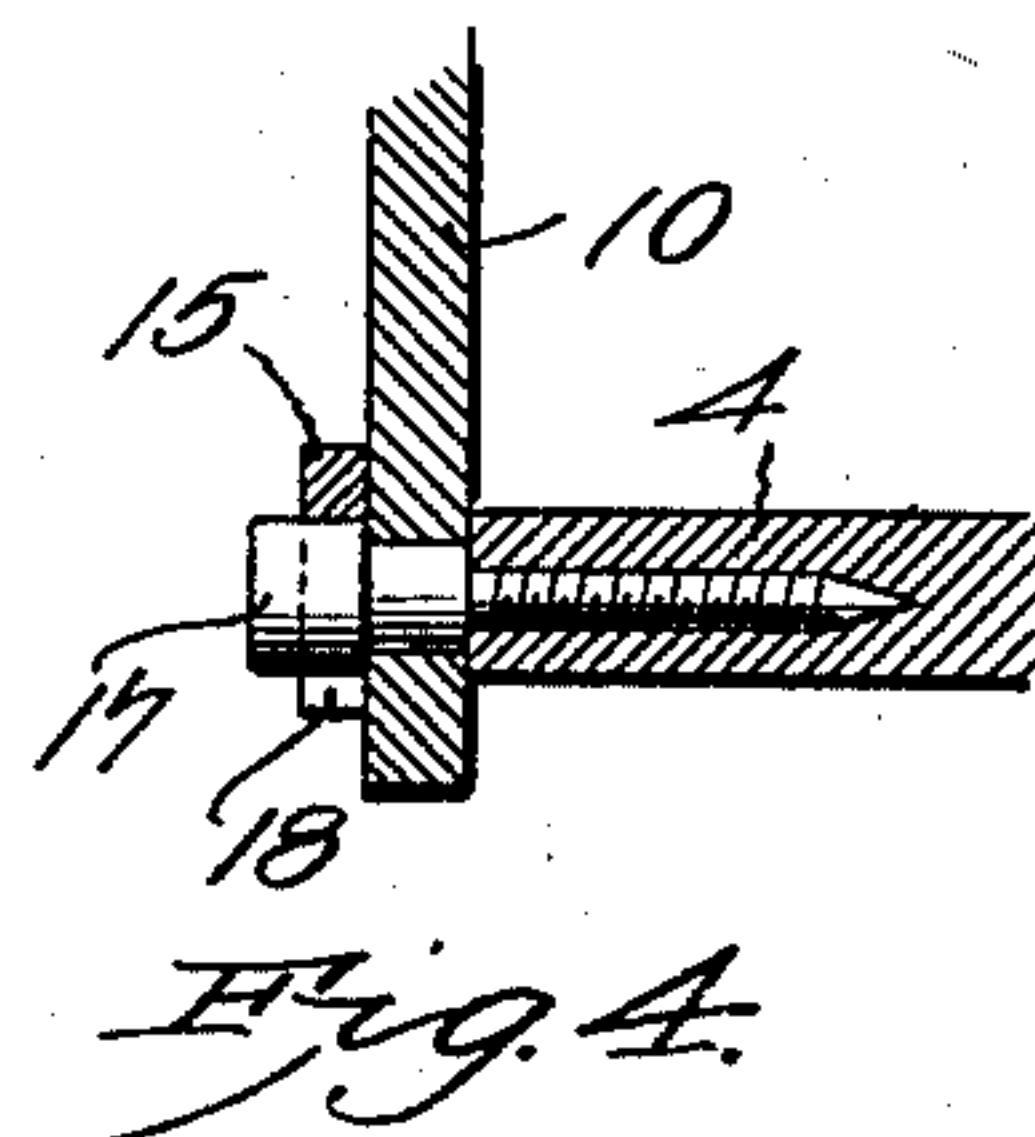
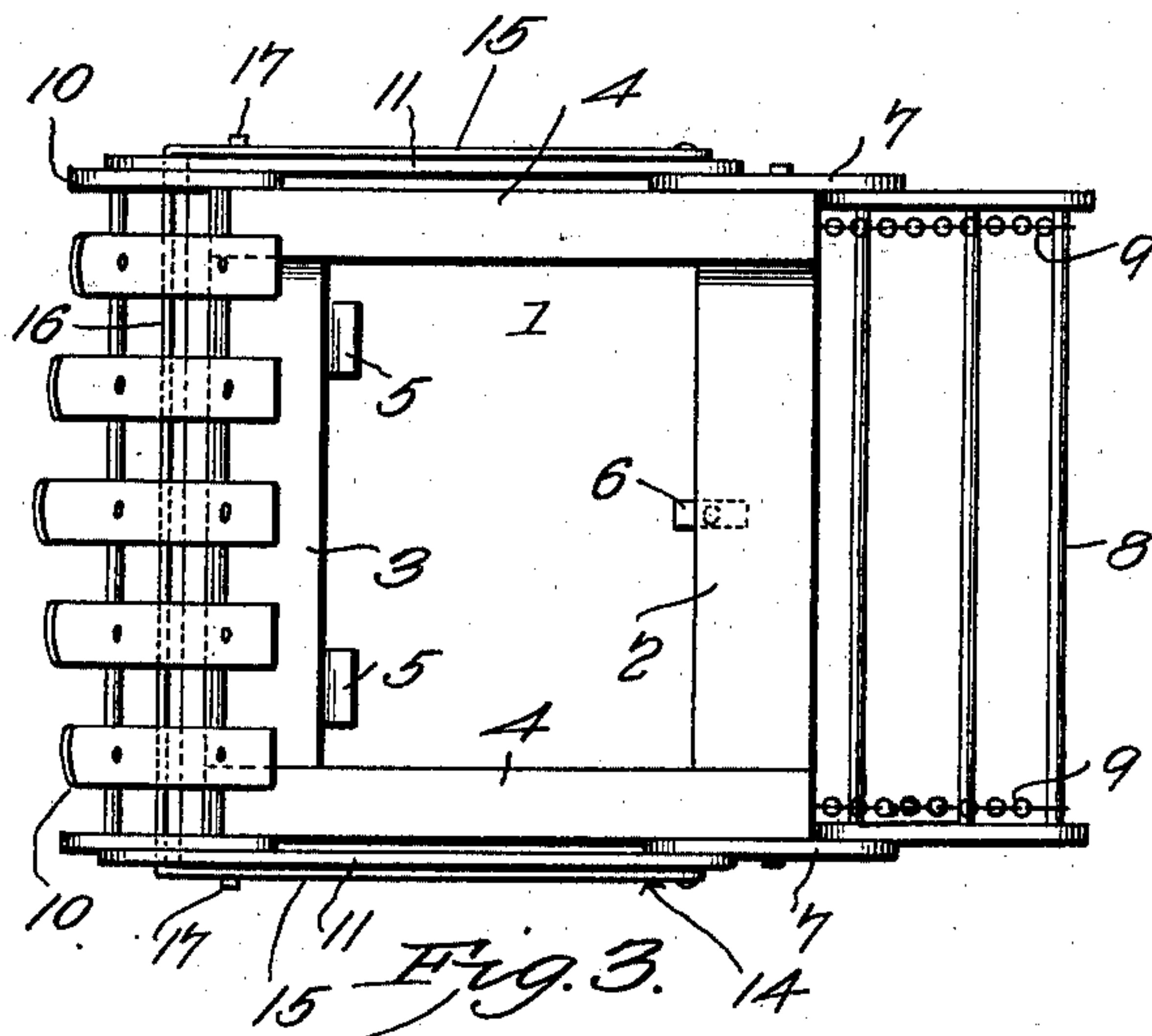
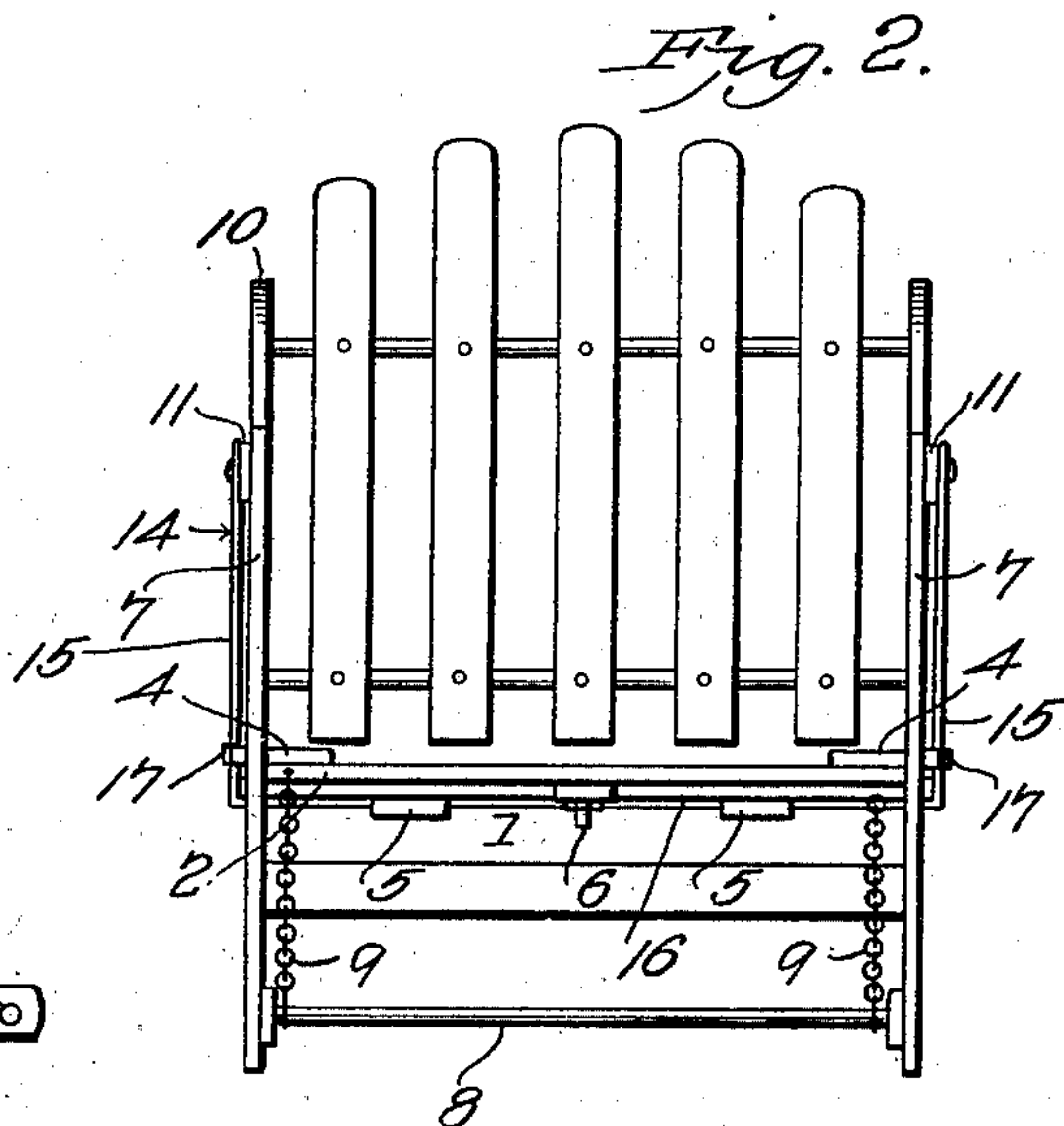
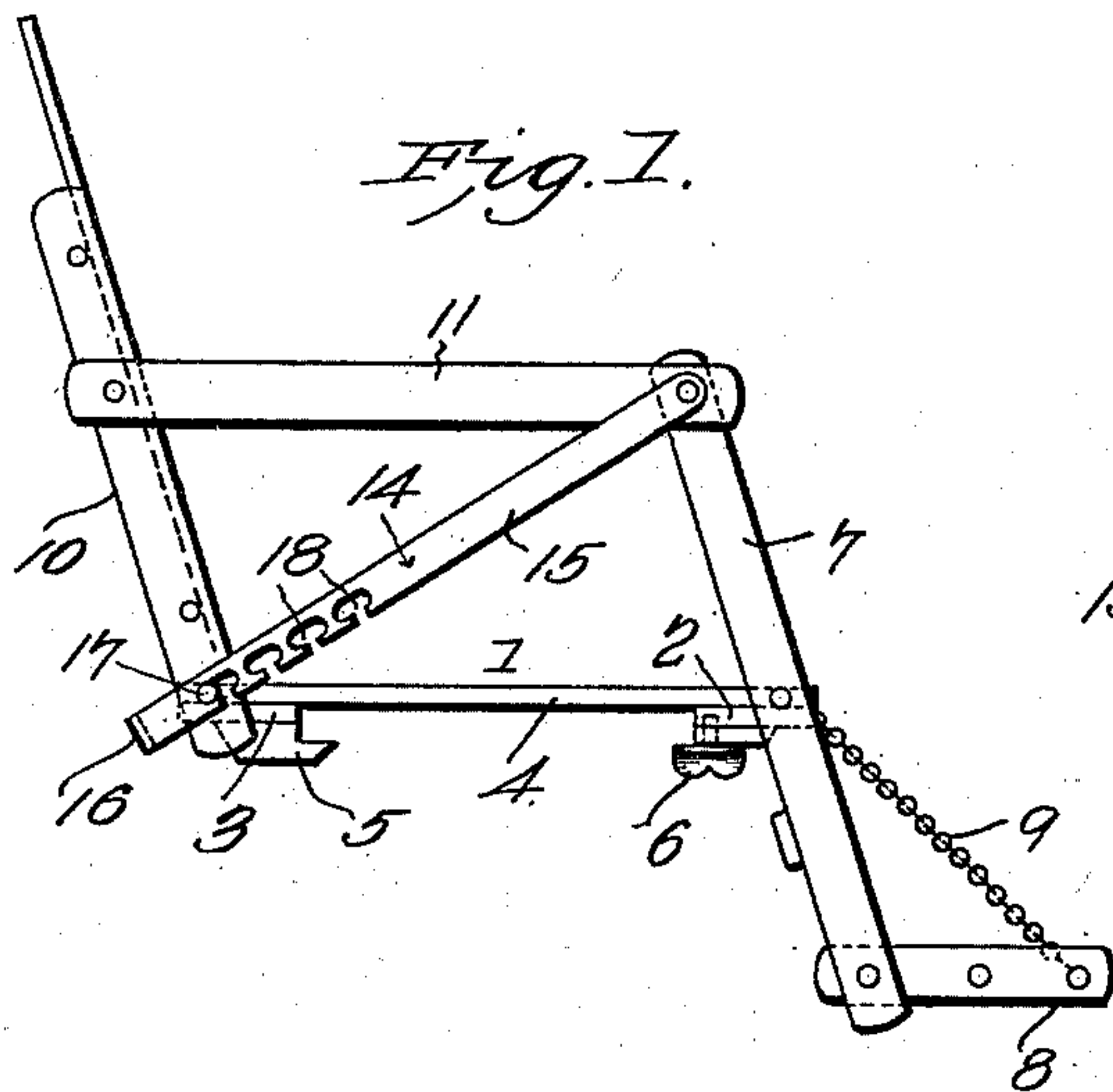


No. 720,034.

PATENTED FEB. 10, 1903.

G. S. KERR.
SWING ATTACHMENT.
APPLICATION FILED NOV. 18, 1901.

NO MODEL.



Witnesses
E. F. Stewart
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UNITED STATES PATENT OFFICE.

GEORGE S. KERR, OF BOOTHWYN, PENNSYLVANIA.

SWING ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 720,034, dated February 10, 1903.

Application filed November 18, 1901. Serial No. 82,707. (No model.)

To all whom it may concern:

Be it known that I, GEORGE S. KERR, a citizen of the United States, residing at Boothwyn, in the county of Delaware and State of Pennsylvania, have invented a new and useful Swing Attachment, of which the following is a specification.

The invention relates to improvements in swing attachments.

The object of the present invention is to provide a chair attachment for swings adapted to be readily applied to rope swings with wooden seats and capable of affording a back and foot-rest and of being readily adjusted to accommodate the same to the person using the swing.

A further object of the invention is to provide an attachment of this character which may be securely fastened to the seat and which may be quickly detached therefrom when desired.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a side elevation of a swing attachment constructed in accordance with this invention. Fig. 2 is a front elevation of the same. Fig. 3 is a plan view. Fig. 4 is a detail sectional view illustrating the manner of pivoting the back to the seat-receiving frame.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates a horizontal seat-receiving frame composed of front and rear cross-bars 2 and 3 and side bars 4, secured to the upper faces of the cross-bars 2 and 3 and designed to be located above the plane of and at opposite sides of a swing-seat. The front and rear cross-bars are designed to be arranged at the front and rear edges of the seat of the swing and to be disposed in the same plane as the said seat, so as not to inconvenience a person sitting upon the same, and the said frame is secured to the seat by means of rear clamps 5 and a pivoted button 6, arranged at the front of the frame. The rear clamps are secured to the lower face of the rear cross-bar 3, at opposite sides of the center thereof, and

are provided with rigid projecting jaws, which engage the lower face of the seat of the swing. The seat of the swing is engaged at the front edge by the pivoted button 6, which is adapted to be turned into and out of engagement with the seat to permit the frame to be placed on, removed from, and secured to the seat of the swing.

Pivoted to the side bars, adjacent to the front ends thereof, are upright bars 7, extending above and below the seat-frame and adapted to support a pivoted foot-rest 8, secured by suitable pivots at its inner end to the lower arms or portions of the front upright bars 7 and connected with the front of the frame by short chains 9 or other suitable flexible connections, as clearly shown in Figs. 1 and 2 of the drawings. The foot-rest, which may be constructed in any suitable manner, is preferably composed of side pieces and parallel rods extending across the attachment and secured at their ends to the side pieces. The rear ends of the rods 4 have pivoted to them a back 10, designed to be constructed in any suitable manner and connected between its top and bottom by arm-bars 11, pivoted at their rear ends to the back and at their front ends to the upright bars 7 and forming the arms of the chair attachment. The back is preferably composed of side bars, connecting cross rods or bars, and a series of slats secured at intervals to the connecting rods or bars. The back is adapted to swing forward and rearward, and it carries with it the bars 7, which support the foot-rest, and it is adapted to be secured at any desired adjustment by means of a metal yoke 14, composed of sides 15 and a transverse portion 16 and adapted to engage the pivots 17 of the back, whereby the attachment is locked in its adjusted position to hold it thereat to accommodate the attachment to the person using the swing. The sides 14 of the yoke are provided at intervals with notches 18 to engage the outer portion or head of the pivot 17, and each pivot is provided between its head and its threaded portion with an intermediate reduced portion and has a suitable stop for limiting its inward movement. The stop is preferably formed by the shoulder at the inner end of the intermediate reduced portion.

It will be seen that the swing attachment

is exceedingly simple and inexpensive in construction, that it is adapted to be readily applied to rope swings having an ordinary rectangular seat, and that it coöperates with the same to provide a chair for the occupant. It will also be clear that the seat of the swing forms the seat for the chair attachment and that the attachment is capable of ready adjustment to arrange the back and the foot-rest or support in proper position to suit the person using the swing.

The swing attachment besides being applicable to rope swings wherein the seat is supported by ropes is also adapted to be mounted on swings in which the seat is suspended by bars or any other analogous connection.

What I claim is—

1. A chair attachment for swings adapted to be arranged on the seat of an ordinary swing between the means for suspending or supporting the same and coöperating with the seat thereof to form a chair-swing and comprising a back, a foot-rest, an open seat-frame connecting the back and the foot-rest with the seat of the swing and arranged to receive the latter and forming an opening to permit the occupant to sit directly upon the seat of the swing, and means for securing the frame to the seat of the swing, substantially as described.

2. A chair attachment for swings adapted to be arranged on the seat of an ordinary swing between the means for suspending or supporting the same and comprising an approximately rectangular open seat-frame arranged to receive a seat and forming an opening to permit the occupant to sit upon the said seat, means for securing the frame to the seat whereby the attachment is mounted thereon, a back pivotally connected with the frame, a foot-rest adjustably connected with the frame, and means for securing the back and the foot-

rest in their adjusted positions, substantially as described.

3. A chair attachment for swings adapted to be placed on the seat of an ordinary swing between the means for suspending the said seat and comprising an open rectangular seat-receiving frame arranged to permit the seat of the swing to extend laterally beyond it, a back pivoted to the frame, the front upright bars pivoted to the frame at the front thereof and extending above and below the same, a foot-rest pivoted to the lower portions of the front bars, flexible connections between the foot-rest and the frame, arms connecting the upper portions of the front bars with the back, and a locking device for securing the back and the foot-rest in their adjusted positions, substantially as described.

4. A chair attachment for swings adapted to be placed on the seat of an ordinary swing between the means for suspending the said seat and comprising an open seat-receiving frame arranged to permit the swing-seat to extend laterally beyond it, a back connected with the frame by pivots, said pivots having projecting portions, front bars pivoted to and extending above and below the front of the frame, a foot-rest connected with the lower portions of the front bars, arms connecting the upper portions of the front bars with the back, and a yoke pivoted at its sides to the front bars and provided with notches arranged to engage the projecting pivots, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

GEORGE S. KERR.

Witnesses:

J. H. JOCHUM, Jr.,
FRANK S. APPLEMAN.