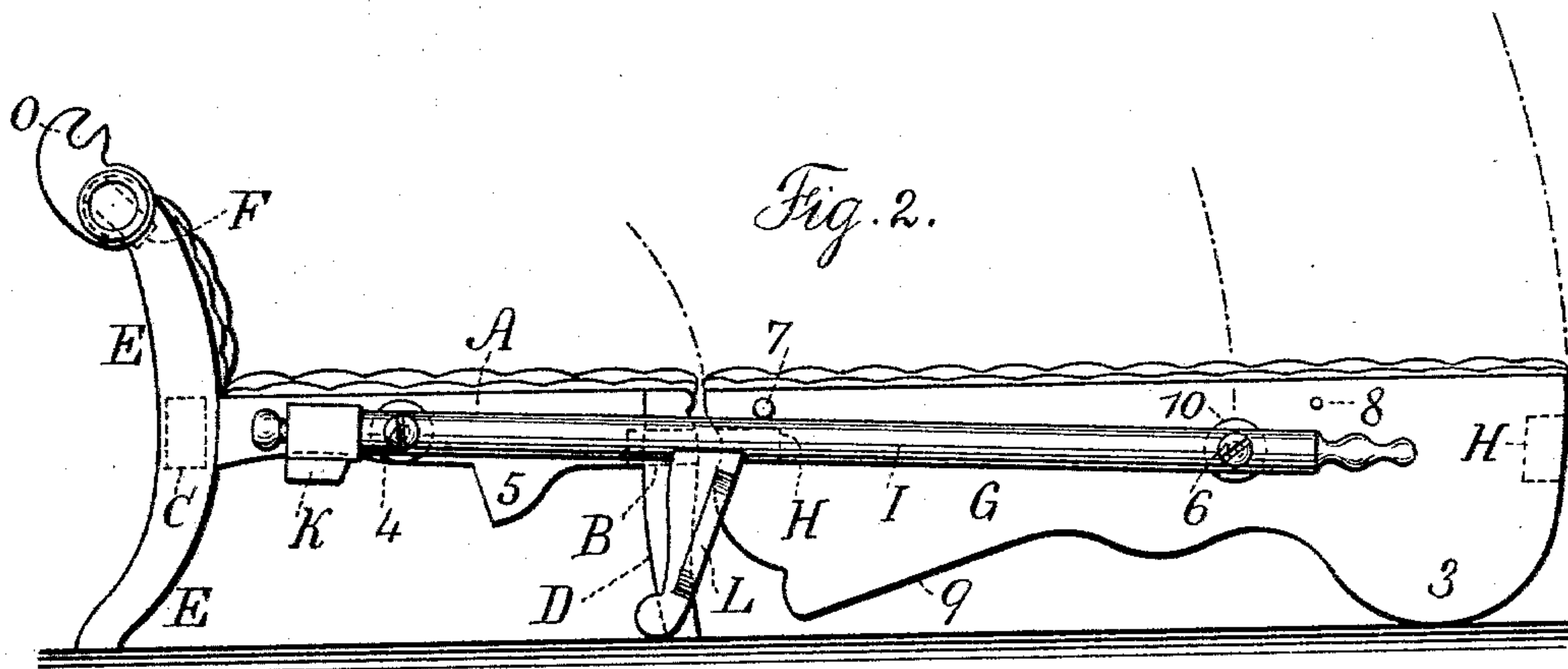
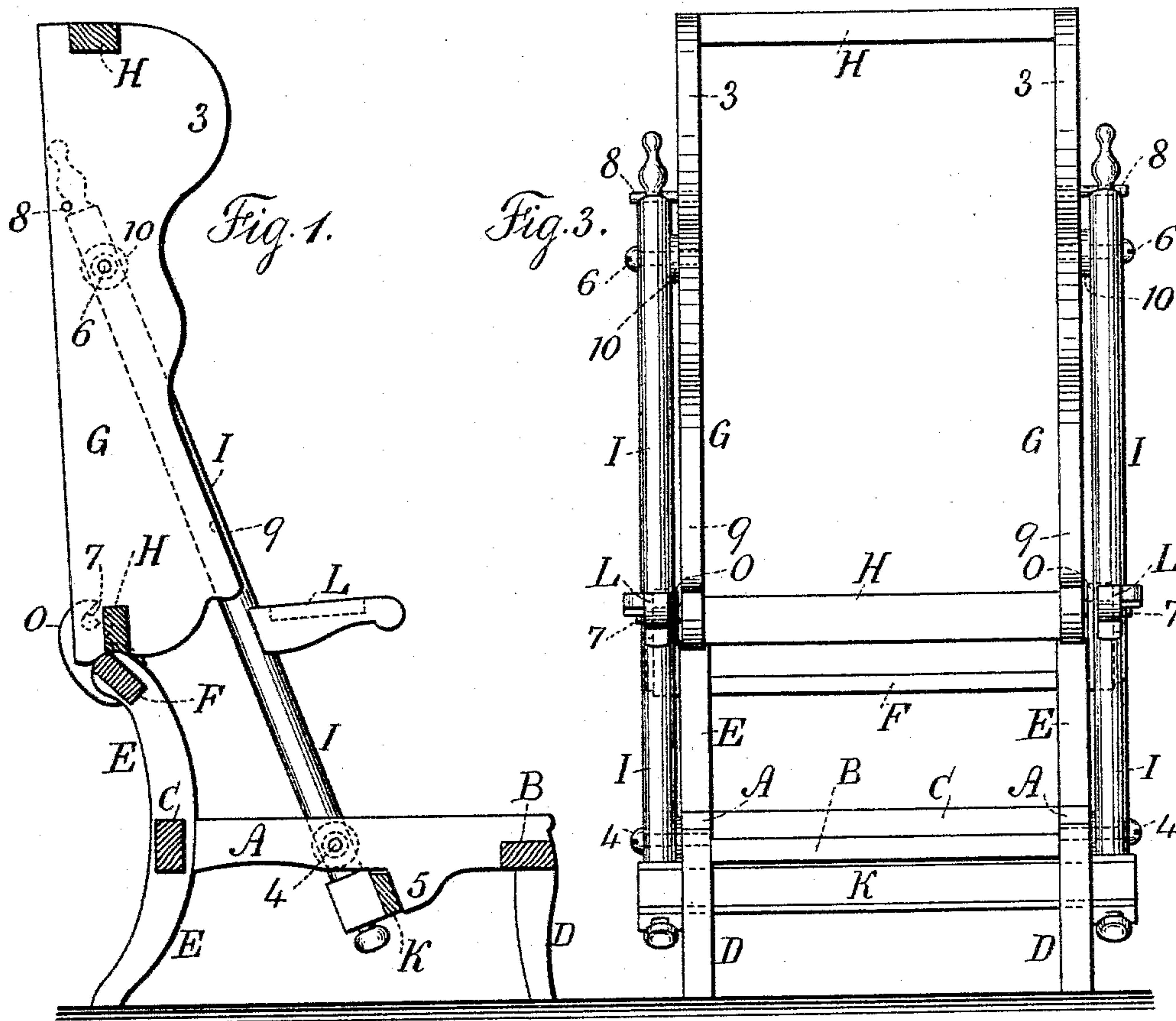


(No Model.)

G. HUNZINGER.  
LOUNGE CHAIR.

No. 584,132.

Patented June 8, 1897.



Witnesses:  
J. Stait  
Charles Smith

Inventor:  
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per L. W. Serrell & Son  
Attys



# UNITED STATES PATENT OFFICE.

GEORGE HUNZINGER, OF NEW YORK, N. Y.

## LOUNGE-CHAIR.

SPECIFICATION forming part of Letters Patent No. 584,132, dated June 8, 1897.

Application filed March 12, 1897. Serial No. 627,088. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE HUNZINGER, a citizen of the United States, residing at New York, in the county and State of New York, have invented an Improvement in Lounge-Chairs, of which the following is a specification.

Chairs have been made in which the back portion has been capable of being swung down to form an extension of the seat, so as to be used as a lounge or bedstead, but the parts have been difficult to construct and not well adapted to a chair having a wooden frame.

In the present invention the back of the chair is supported by diagonal side bars that are pivoted to the seat-frame, and the movable frame of the back is upholstered at both sides, and the side portions of the back-frame project forward, so that when swung down into position they form supports for the movable section of the lounge, and near the other ends of the movable section the side bars form supports, and the arm-pieces can also be used as supporting-legs, such arm-pieces being upon the pivoted side bars.

In the drawings, Figure 1 is a vertical section representing the back as swung up for use as a chair. Fig. 2 is a side elevation with the parts swung down for use as a lounge, and Fig. 3 is a front elevation of the parts in the position shown in Fig. 1. The upholstering is omitted in Figs. 1 and 3 for greater clearness.

The seat-frame is composed of the side pieces A A and front and back rails B C, and the front legs D are united with the side and front pieces of the seat-frame, and the back legs E are united with the back ends of the side pieces A and with the back cross-rail C, and these back legs extend up and are connected by a cross-rail F, and these parts are united rigidly, so as to form a broad seat and a low back, and suitable upholstery, cushions, or open-work or cane is provided for forming the surfaces of the seat and the back.

The side pieces G and cross-rails H form a frame that is movable bodily from a horizontal position to a vertical position, and this frame is to be suitably covered or upholstered to correspond with the rest of the

chair, and when in a vertical position this frame is above the short chair-back and forms the main back of the chair, and the projecting parts 3 of the side pieces G serve as head-rests for a person seated in the chair, and they also form legs for supporting the frame when swung down for use as a lounge.

The side bars I are pivoted at 4 to the side pieces A of the seat-frame, and they are connected together rigidly by a cross-bar K at their lower ends that extends across below the seat-frame, and the stops 5 upon the under edges of the side pieces A, engaging the cross-bar K, limit the backward movement of the side bars I when the same are swung up, and upon these side bars I arm-pieces L are usually provided, which project forward and serve as rests when the parts are used as a chair, and when the side bars are swung down the ends of these arm-pieces may rest upon the floor and form supports for the side bars. Pivots 6 unite these side bars near their upper ends to the side pieces G of the back-frame, and the positions of the pivots are such that the parts will occupy the proper relative positions when turned down for use as a lounge or when turned up for use as a chair.

The stops 7 are adapted to rest upon the side bars I when the frame is turned down as a lounge, and they are also adapted to engage the fingers O, that extend above the upper ends of the back legs E when the back-frame is swung up for use as a chair, so as to prevent the parts separating under ordinary circumstances of use, but the stops 7 separate from the fingers when the side bars I are swung forward and the back-frame raised and then turned downward, and I also provide stops 8 upon the side pieces G to engage the upper parts of the side bars I to limit the swinging movement of the back-frame in its relation to the side bars I. Hence these parts will assume the respective positions illustrated in Fig. 1 when used as a chair and in Fig. 2 when used as a lounge.

I remark that the upholstery or covering materials may be of any desired character, and either a fixed cushion or upholstered surface at the back of the frame G H may be provided for use when the back is turned



down as a lounge or bed, and, if desired, a movable cushion made in one or more parts may be used for the bottom of the chair.

In consequence of the side bars I being closely adjacent to the side pieces G of the back-frame there is risk of injury to the hands if a person grasps the side bars I and turns down the back-frame into position for use as a lounge, and to prevent this the edges 9 of the side pieces G are parallel, or nearly so, to the side bars I and sufficiently close to prevent a person passing the hand in between the side bars I and side pieces G; but in cases where these edges are not parallel and closely adjacent to the side bars I when the back-frame is turned up as a chair the side bars I may be kept sufficiently distant from the side pieces G to allow room for the hands or fingers in turning the parts up or down; and with this object in view the washers at 10 may be sufficiently thick to give the necessary spaces.

I claim as my invention—

1. A chair having a seat-frame and short back, in combination with a movable upper back-frame, side bars pivoted to the side pieces of the seat-frame and to the movable upper back-frame and a cross-bar K uniting the lower ends of the side bars, and stops upon the side pieces of the seat-frame against which the cross-bar contacts when the parts are swung up for use as a chair, substantially as set forth.

2. A chair having a seat-frame and short back, in combination with a movable upper frame, side bars pivoted to the side pieces of the seat-frame and to the movable upper back-frame, and a cross-bar K uniting the lower ends of the side bars, arm-pieces extending out from the side bars and adapted to form supporting-legs when the parts are swung down for use as a lounge, substantially as set forth.

3. A chair having a seat-frame and short

back, in combination with a movable upper frame, side bars pivoted to the side pieces of the seat-frame and to the movable upper back-frame, and a cross-bar K uniting the lower ends of the side bars, stops upon the movable back-frame for engaging the side bars and limiting the swinging movement of such upper back-frame upon its pivotal connections to the side bars, substantially as set forth.

4. A chair having a seat-frame and short back, in combination with a movable upper frame, side bars pivoted to the side pieces of the seat-frame and to the movable upper back-frame, and a cross-bar K uniting the lower ends of the side bars, the side pieces of the back-frame being extended to form head-rests when used as a chair and legs when the parts are swung down for use as a lounge, substantially as set forth.

5. A chair having a seat-frame and short back, in combination with a movable upper frame, side bars pivoted at the side pieces of the seat-frame and to the movable upper back-frame, and a cross-bar K uniting the lower ends of the side bars, pins projecting at the lower end of the back-frame and fingers upon the back legs for receiving such pins, substantially as set forth.

6. A chair having a seat-frame and short back, in combination with a movable upper frame and a bar at each side of the seat and pivots connecting said bars at one end to the seat and at the other end to the upper frame, and stops for limiting the movements of the bars when swung up with the frame to form the back of the chair, and stops for limiting the movement of the upper frame in relation to the side bars, substantially as specified.

Signed by me this 10th day of March, 1897.

GEO. HUNZINGER.

Witnesses:

GEO. T. PINCKNEY,  
S. T. HAVILAND.