

J. T. MITCHELL.
Folding Chair.

No. 232,742.

Patented Sept. 28, 1880.

Fig. 2.

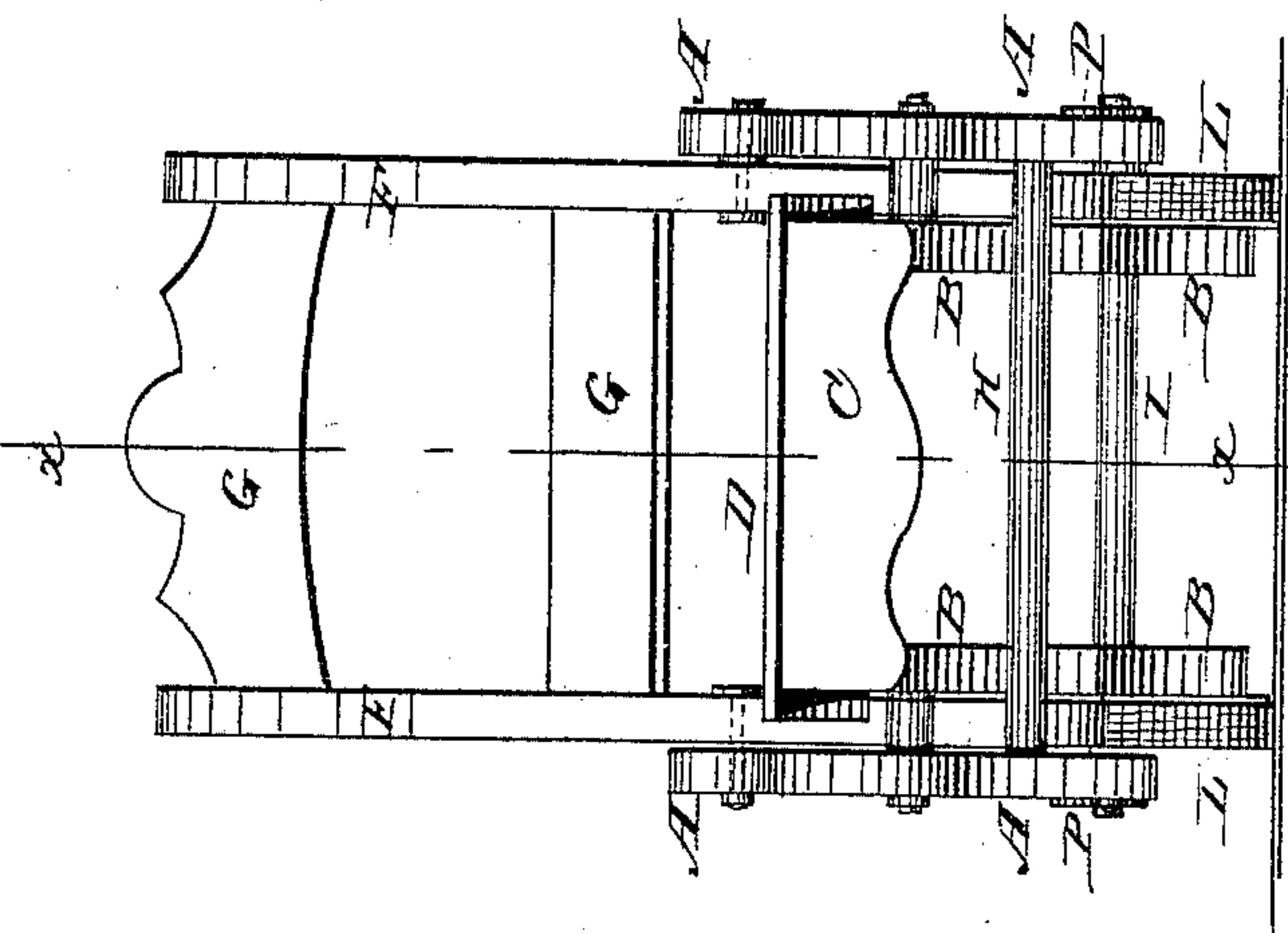


Fig. 4.

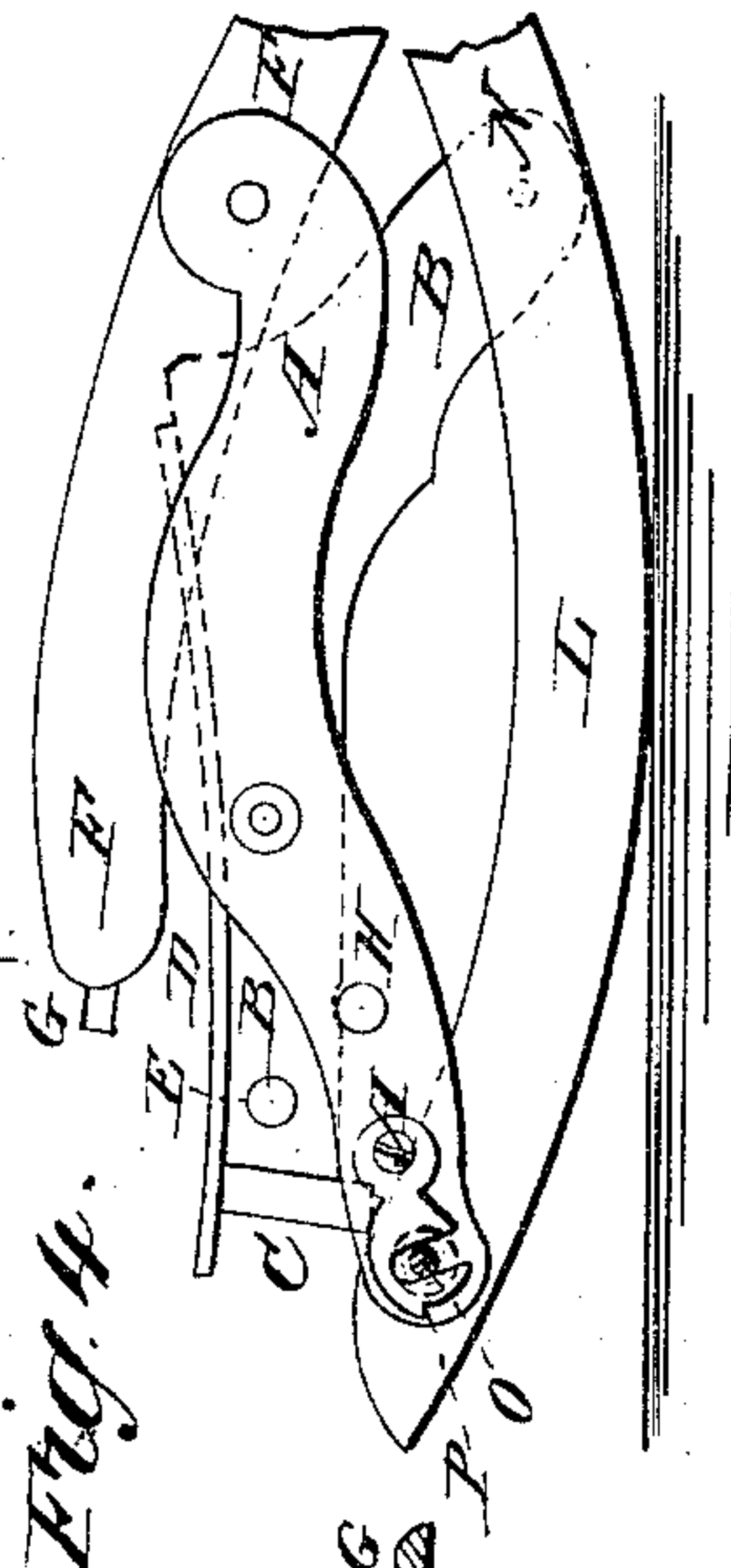


Fig. 1.

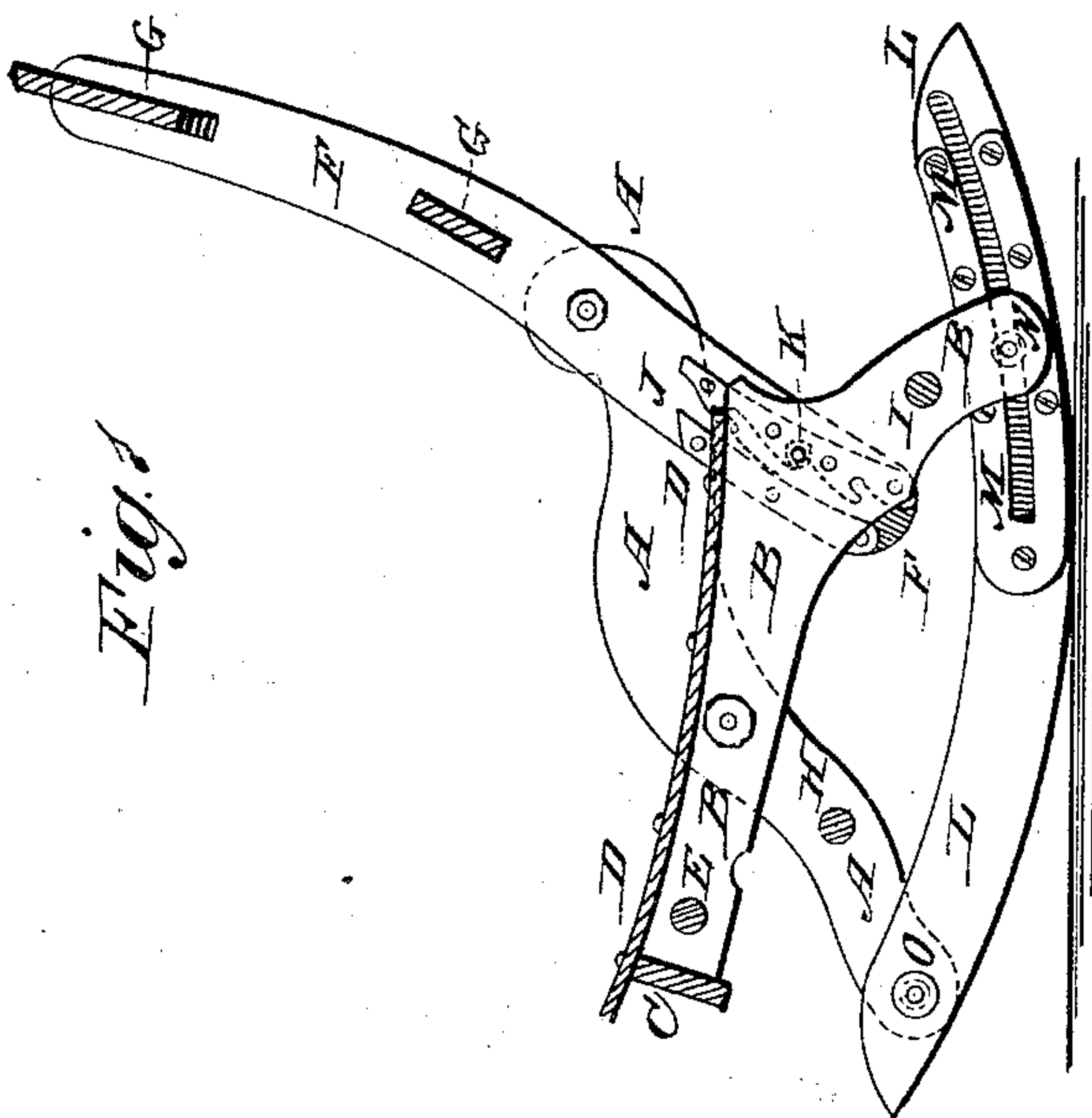
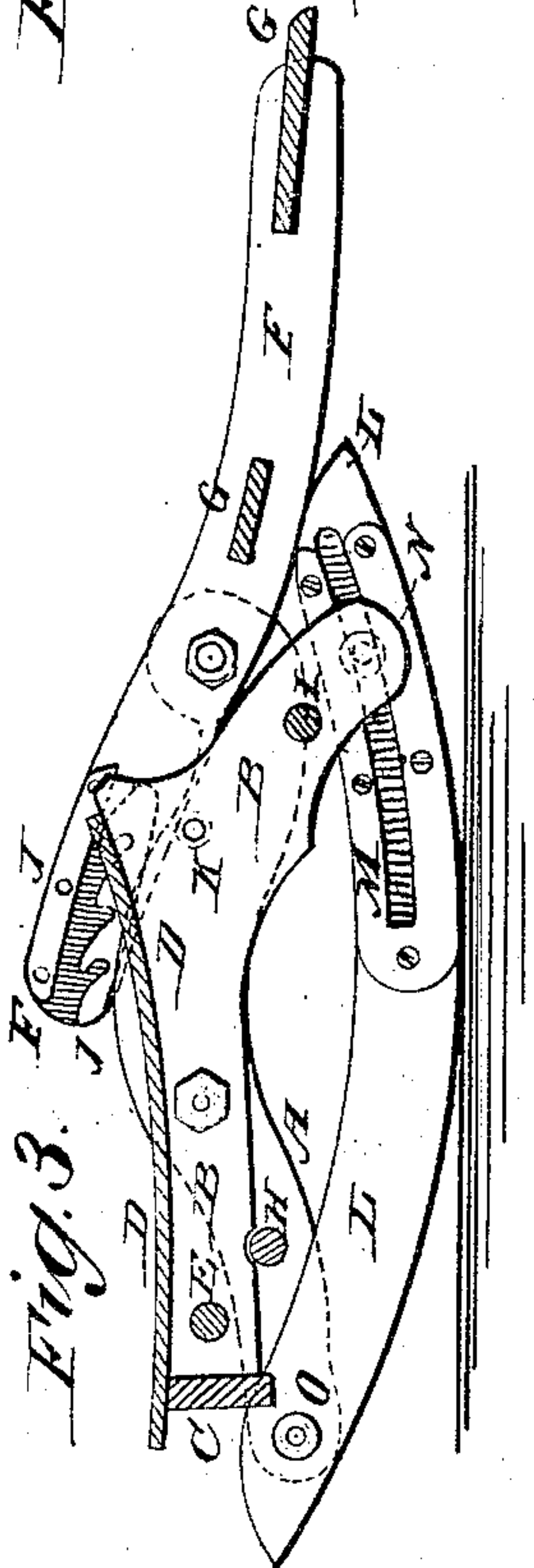


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JAMES T. MITCHELL, OF MONTICELLO, NEW YORK.

FOLDING CHAIR.

SPECIFICATION forming part of Letters Patent No. 232,742, dated September 28, 1880.

Application filed February 14, 1880.

To all whom it may concern:

Be it known that I, JAMES T. MITCHELL, of Monticello, in the county of Sullivan and State of New York, have invented a new and useful Improvement in Folding Chairs, of which the following is a specification.

Figure 1 is a sectional side elevation of the improvement, taken through the line *xx*, Fig. 2. Fig. 2 is a front view. Fig. 3 is a sectional elevation of the chair folded, the back being turned to the rearward. Fig. 4 is a side elevation of the chair folded, the back-frame being turned forward.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish folding chairs so constructed that they can be adjusted with the backs to any desired inclination, and can be folded into compact form for storage or transportation.

A are the front legs, which are curved upward, rearward, and upward, so that they may serve as both legs and arms.

B are the rear legs, which are curved upward and forward, so that their forward parts may serve as side bars for the seat-frame. The forward ends of the rear legs, B, are connected by a cross-bar, C, (to which and the said legs the seat D is attached,) and by a round, E. The forward legs, A, are pivoted to the rear legs, B, at points a little in front of the center of the seat D. The upper ends of the forward legs, A, are pivoted to the side bars, F, of the back-frame. The side bars, F, are connected by cross-bars G. The lower parts of the forward legs, A, are connected by a round, H. The lower parts of the rear legs, B, are connected by a round, I.

To the inner sides of the lower ends of the side bars, F, of the back-frame are attached slotted plates J, to receive pins K attached to the side of the rear legs, B. The edges of the plates J, at the forward sides of their slots, are made smooth, and the edges at the rear sides of their slots have downwardly-projecting teeth formed in them to receive the catch-pins K, as shown in Fig. 3, and in dotted lines in Fig. 1. With this construction, by drawing the upper end of the back F G forward to bring the pins K against the smooth edges of the slots in the plates J the said back may be adjusted at

any desired inclination, and by catching the teeth of the plates J upon the pins K the said back will be held securely in place.

By moving the back F G until the pins K have passed out of the slots of the plates J the chair may be compactly folded, the said back being turned to the rearward, as shown in Fig. 3, or forward, as shown in Fig. 4.

If desired, the chair may be provided with rockers L, the forward parts of which are attached to the lower ends of the forward legs, A.

To the inner sides of the rear parts of the rockers L are attached slotted plates M to receive pins N, attached to the lower ends of the rear legs, B, so that the rockers L will not interfere with the adjusting and folding of the chair.

The rockers L may be made detachable by attaching them to the forward legs, A, by bolts or pins O, attached to or passed through the forward ends of the rockers L, and through the lower ends of the forward legs, A, where they are secured in place by the catch or slotted hooks P, pivoted to the said legs A, the said bolts or pins O having grooves or shoulders around their forward ends to receive the fastening-hooks P, and extending the slots of the plates M out through the ends of the said plates M.

With this construction the chair may be upholstered in any desired manner and style, or may be made with a cane back and seat, or with any other desired kind of back and seat, without interfering with its being adjusted and folded.

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

1. A folding chair constructed substantially as herein shown and described, consisting of the forward legs, A, the rear legs, B, carrying the seat D, and the back-frame F G, the said forward legs, A, being pivoted to the rear legs, B, and the side bars, F, of the back-frame, and the side bars, F, of the back-frame being connected with the rear legs, B, by the slotted and toothed plates J and catch-pins K, whereby the back may be adjusted at any desired inclination and the chair folded, as set forth.

2. In a folding chair, the combination, with the forward legs, A, and the rear legs, B, of the rockers L, the plates M, having slots open at the end, and pins N, and the bolts or pins O and catch-hooks P, substantially as herein shown and described, whereby the folding chair is provided with rockers without interfering with its adjustment and folding, as set forth.
- 10 3. In a folding chair, the combination, with the forward legs, A, the rear legs, B, the back-frame F G, and the rockers L, of the slotted toothed plate J, the slotted plate M, and the pins K N, substantially as herein shown and described, whereby the chair can be adjusted and folded, as set forth.

JAMES T. MITCHELL.

Witnesses:

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