

No. 613,964.

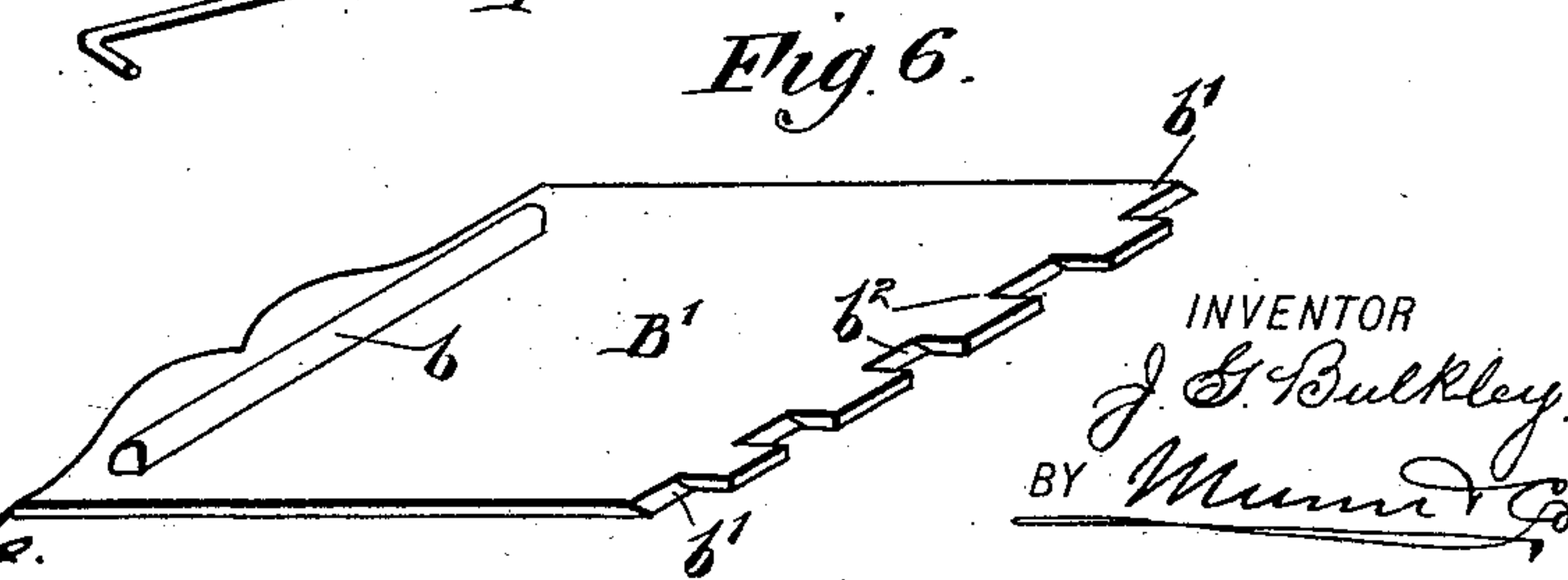
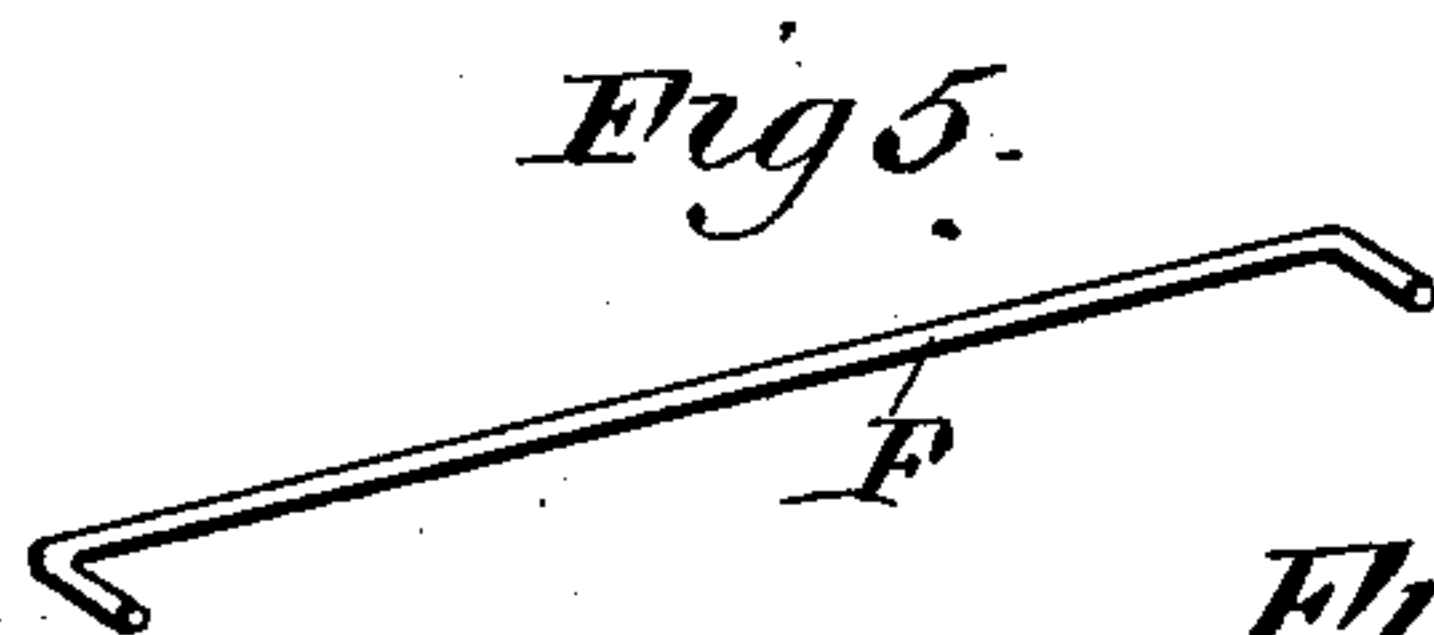
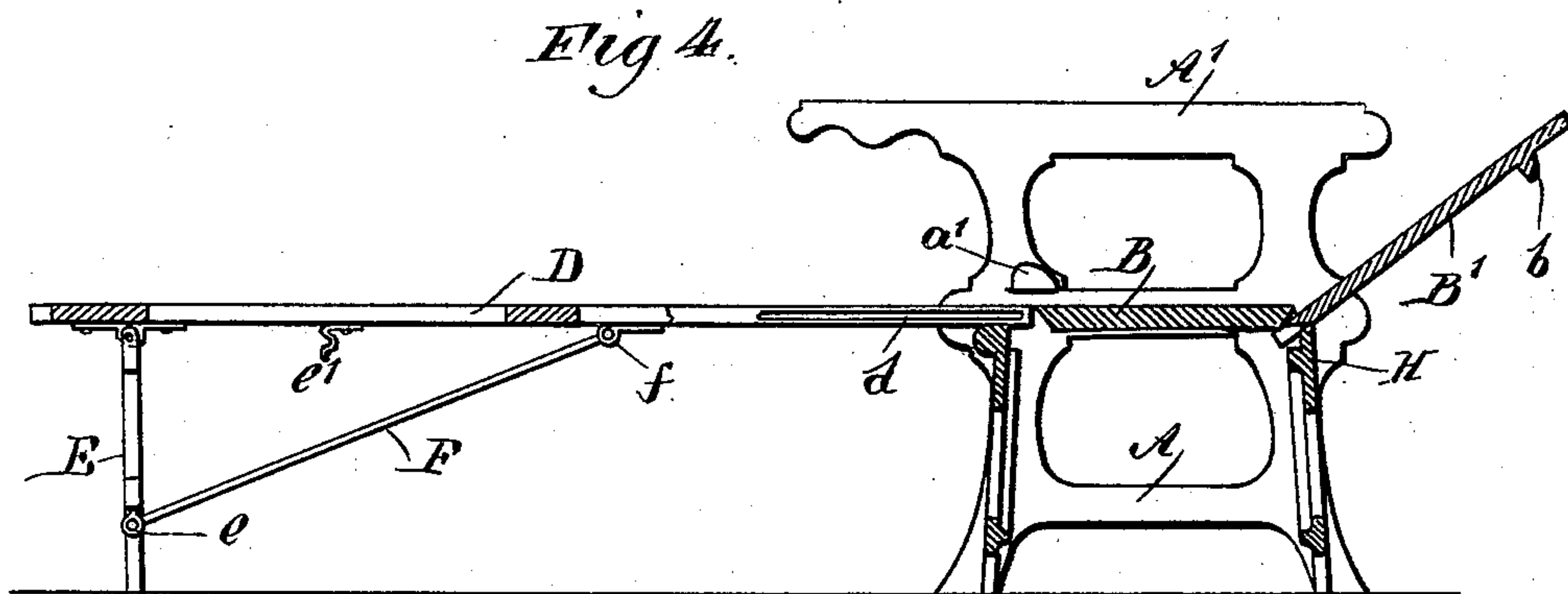
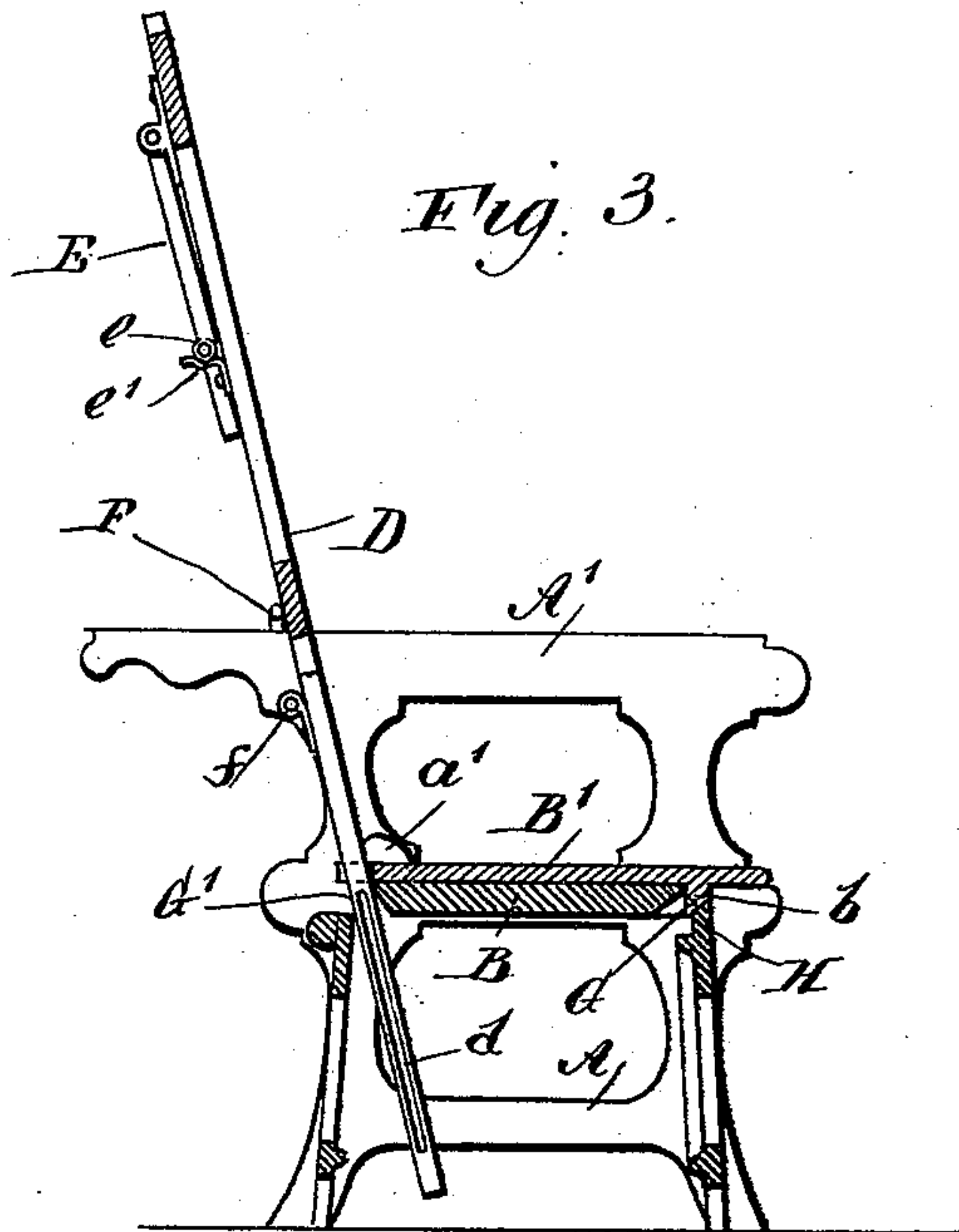
Patented Nov. 8, 1898.

J. G. BULKLEY.
EXTENSION CHAIR.

(Application filed Jan. 13, 1898.)

(No Model.)

2 Sheets—Sheet 2.



WITNESSES:
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UNITED STATES PATENT OFFICE.

JAMES G. BULKLEY, OF NEW YORK, N. Y., ASSIGNOR OF ONE-HALF TO
HUGH LAWTON, OF SAME PLACE.

EXTENSION-CHAIR.

SPECIFICATION forming part of Letters Patent No. 613,964, dated November 8, 1898.

Application filed January 13, 1898. Serial No. 666,525. (No model.)

To all whom it may concern:

Be it known that I, JAMES G. BULKLEY, of New York, (Brooklyn,) in the county of Kings and State of New York, have invented a new and Improved Extension-Chair, of which the following is a full, clear, and exact description.

My invention relates to an improvement in extension-chairs or chairs of that type which are adapted to be extended to form a couch or bed; and it consists of certain improved constructions, which will be hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figures 1 and 2 are perspective views of the device in the positions respectively adapted for use as a chair and as a bed or couch. Fig. 3 is a cross-sectional elevation of the device adjusted for use as a chair. Fig. 4 is a cross-sectional elevation of the device adjusted for use as a couch. Fig. 5 is a perspective view showing the bent bar which supports the back of the chair and acts as a brace for the couch, and Fig. 6 is a perspective view showing the under surface of the removable seat-board.

The frame A of the chair may be made in any suitable form and is preferably provided with arms A'. It is also provided with a fixed seat-board B and a removable seat-board B', which latter when the device is used as a chair is placed immediately over the fixed seat. At the front edge of the fixed seat-board is formed a slot G, which extends most of the way across the chair, but stops short of the ends, so as to form a ledge or stop g, adapted to engage the edges of the removable seat-board when the chair is adjusted as a bed or couch, in a manner hereinafter described.

The removable seat-board is provided with a rib b on its under surface, located so that when the device is in use as a chair this rib will engage the front edge of the fixed seat-board B and extend downward into the slot G. This rib engages the upper surface of a cross-bar H, forming a portion of the frame, and prevents the seat from sliding forward. The upper rear surface of the removable seat-board is engaged upon each side by the blocks

a', which are secured to the inside of the frame and prevent the seat from being raised at the rear. The rear edge of the removable seat-board is, as shown in the drawings, provided with notches or shouldered recesses b' at each end thereof. The rear edge is also provided with intermediate notches b², adapted to receive the vertical ribs or slats of the back. These latter may, however, be omitted, if desired, as their presence is not essential. The outer notches or shouldered recesses b' are provided for engagement with the stop g upon the chair when the removable seat-board is placed in a position shown in Figs. 2 and 4.

The back D passes through a slot G', formed in the frame at the rear edge of the fixed seat-board. This back extends below the seat and is provided in this lower portion of the side edges with grooves d, adapted to receive pins C, which project inwardly from the inner surface of the sides of the frame A. This permits the back to be drawn upward and then to be swung upon the pivots C into the horizontal position shown in Figs. 2 and 4 or to be swung backward, so as to adjust the angle of the back.

For the purpose of adjusting the angle of the back a rod F is provided, the ends of which are bent at right angles and adapted to enter holes a, formed in the upper rear surface of the arms A'. This rod serves to bind the two arms together to prevent their separation and also to form a support for the back. To the upper rear surface of the back are pivoted standards E, forming legs adapted to support the outer end of the back when swung to a horizontal position. These standards or legs are provided with an eye e, attached to a cross-bar connecting the legs, and the back at about the middle of its length is provided with another eye f, these two eyes being adapted to receive the bent ends of the rod F and to be braced thereby when the device is adjusted as a bed. The back is also provided with a spring-catch e', adapted to engage the eye e to hold the same against the side of the back when the device is in use as a chair.

To adjust the device as a bed, the rod F is removed from the holes a in the arms and the back is swung upward and then down-

ward. At the same time the legs E are swung outward and the rod F adjusted in the eyes e and f. The back is then swung downward until the legs engage the floor. The removable seat-board is then pulled forward and the rear edge thereof inserted in the slot G in the frame. This engages the upper surface of the bar H of the frame and the under surface of the fixed seat-board B, and is thus supported at an angle, as shown in Figs. 2 and 4, forming the head-rest of the bed.

It will thus be seen that this chair is readily adjusted for use either as a chair or as a couch or bed, as desired. It is also constructed in such a manner that it may be cheaply produced.

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

1. A chair having a back normally extending below the seat, guides at the rear edge of the seat, permitting the back to be raised and to be swung on a pivot, a support for the upper or outer end of the back, a fixed seat-board, and a removable seat-board above the fixed board, the frame of the chair having a lateral slot beneath the forward edge of the fixed seat-board, adapted to receive an edge of the removable seat-board and to support it at an angle, substantially as described.

2. A chair, provided with arms and having a back normally extending below the seat, guides at the rear edge of the seat, permitting the back to be raised and swung to the rear on a pivot, a rod extending between the arms and having its ends bent to enter holes in the arms, whereby the back may be supported in different positions, swinging legs pivoted to the upper or outer end of the back, said back and legs having eyes adapted to receive the bent ends of said rod, whereby said rod may act as a brace for the back, a fixed seat-board, and a removable seat-board above the fixed board, the frame of the chair having a lateral slot beneath the forward edge of the fixed seat-board, adapted to receive an edge of the removable seat-board and to support it at an angle, substantially as described.

3. A chair, having a back normally extend-

ing below the seat and provided with slots in the lower part of the side edges, pivot-pins on each side of the rear ends of the seat and entering said slots, a support pivoted to the upper rear side of the back and adapted to support the back in a horizontal position, and a fixed and a removable seat-board, the latter having means for securing it to the chair-frame so as to project forward from the front edge of the fixed seat-board and at an upward inclination, substantially as described.

4. A chair, having a back normally extending below the seat, guides at the rear edge of the seat, permitting the back to be raised and to be swung to the rear thereof on a pivot, a support for the upper or outer end of the back, a fixed seat-board, a removable seat-board above the fixed board, and means for securing the removable seat-board to project forward from the front edge of the fixed seat-board and at an upward angle, substantially as described.

5. A chair, having a fixed and a removable seat, the latter being adapted to be secured by one edge to the chair to extend forward and upward from the front edge of the fixed seat, and a back adapted to be drawn upward and swung back, and provided with legs adapted to support the outer edge thereof in a horizontal position, substantially as described.

6. A chair, having a fixed and a removable seat, a back adapted to be drawn upward and swung backward and provided with legs adapted to support the outer edge thereof so that it is in a horizontal position, the frame having a lateral slot beneath the front edge of the fixed seat and terminating short of each edge, and the removable seat having shouldered recesses at each end of one edge whereby said edge may be inserted in said slot to support the removable seat in a forwardly extending and inclined position, substantially as described.

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Witnesses:

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