

F. Hamburjer,

Convertible Chair.

N^o 57,709.

Patented Sept 4, 1866.

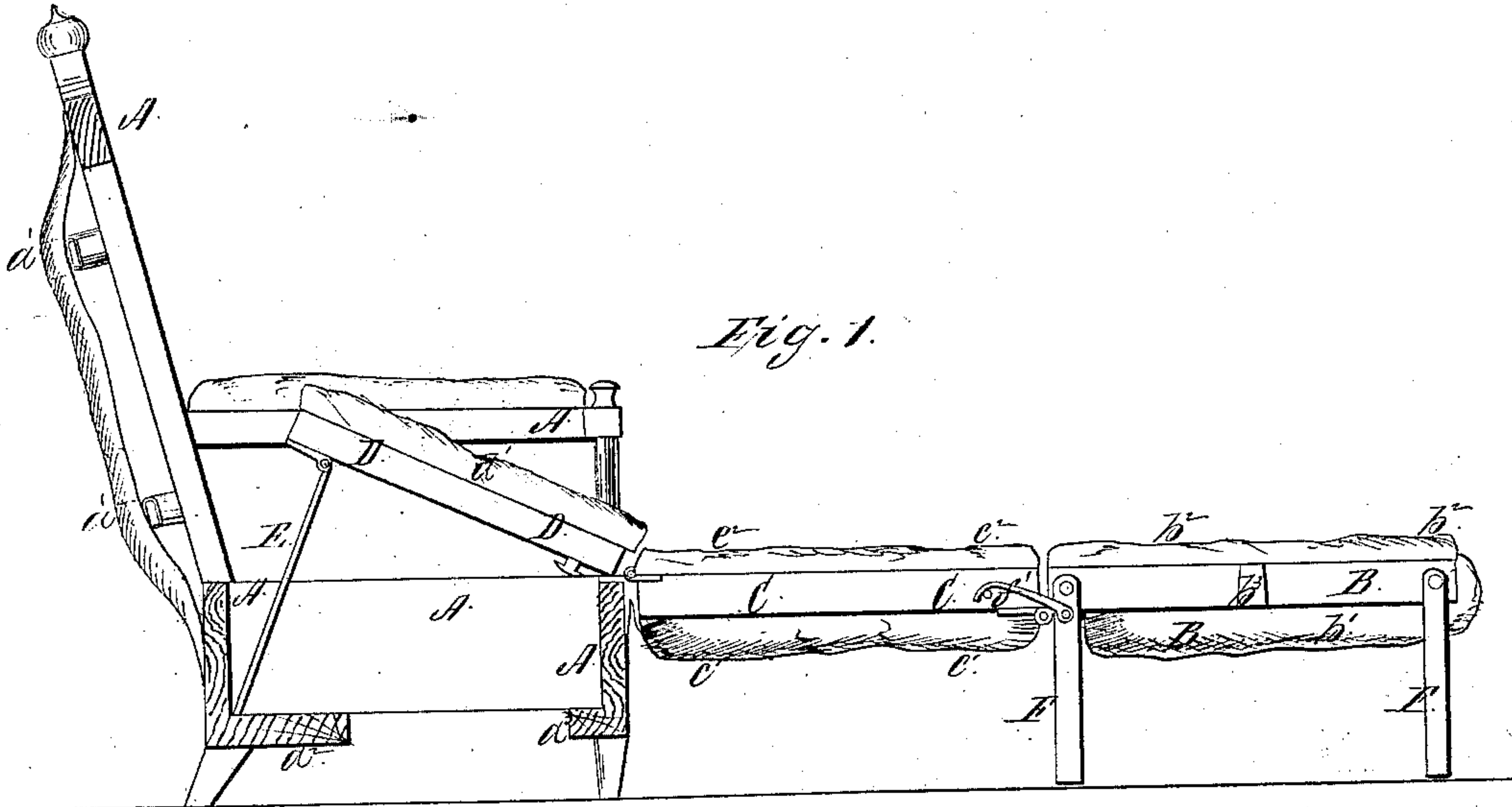


Fig. 1.

Fig. 3.

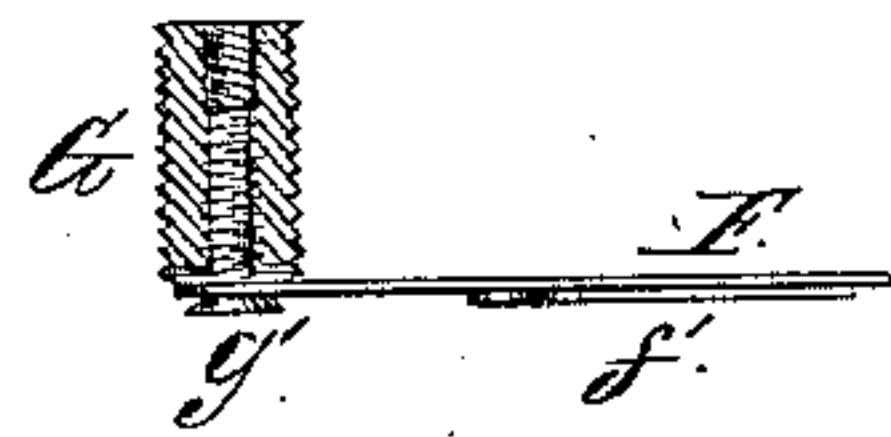
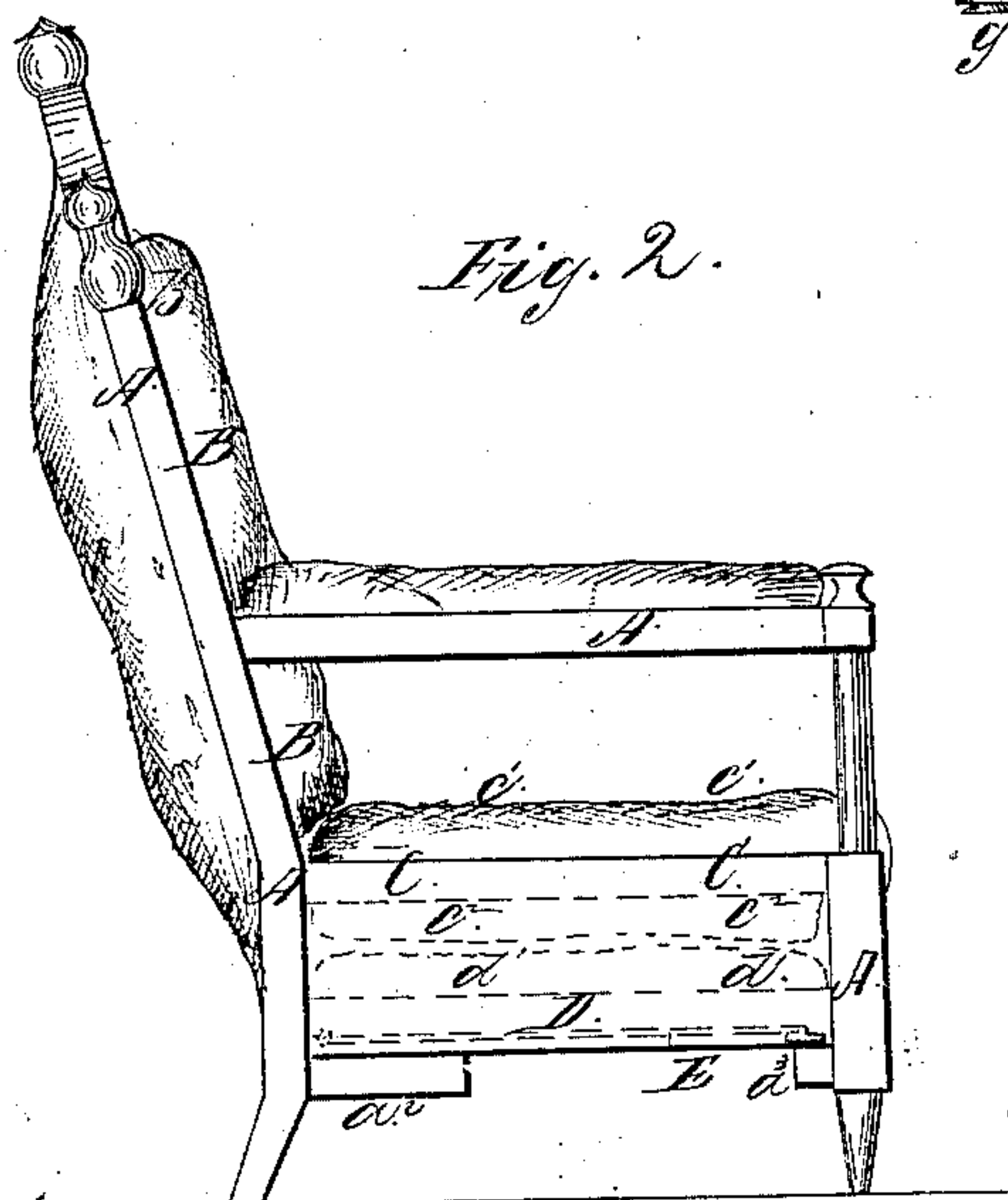


Fig. 2.



Witnesses:
J. M. Blount
Wm. T. Green

Inventor:
F. Hamburjer
Per Munnell
Attorney

UNITED STATES PATENT OFFICE.

E. HAMBURGER, OF DETROIT, MICHIGAN.

IMPROVEMENT IN FOLDING CHAIRS.

Specification forming part of Letters Patent No. 57,709, dated September 4, 1866.

To all whom it may concern:

Be it known that I, E. HAMBURGER, of Detroit, Wayne county, and State of Michigan, have invented a new and Improved Bed-Chair; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side view of my improved bed-chair opened, partly in section, through the frame of the chair. Fig. 2 is a side view of the same closed, part of the frame of the chair being broken away. Fig. 3 is a detail sectional view of the screw-socket by means of which the legs are pivoted to the frame of the bed-bottom.

Similar letters of reference indicate like parts.

My invention has for its object to furnish an easy-chair which may be readily converted into a comfortable bed; and it consists of an improved bed-chair formed by combining the back, seat, cushion, and legs with each other and with the frame of the chair, as hereinafter more fully described.

A is the frame of the chair. The rear side of the back of the chair is covered with cloth or leather, which is held out by the curved cross-bars or hoops a' , as shown in Figs. 1 and 2, so as to form a space for the folded bed-clothes and for the part B, which, when closed, forms the cushion for the back of the chair, and when open forms the foot-part of the bed.

a^2 and a^3 are cross-pieces attached to the lower part of the seat-frame of the chair, to sustain the cushion and seat of the chair when closed, as shown in Fig. 2.

One side, b' , of the part B is upholstered, so as to form, when closed, a cushioned back to the chair, and the other side is upholstered to form a mattress, b^2 , for the bed.

The part B is hinged, as shown in Fig. 1, to the part C, which, when closed, forms the seat of the chair, and when opened forms the central part of the bed. One side, c' , of this

part C is upholstered to form the cushioned seat of the chair, and the other, c^2 , to form the mattress for the bed, as shown in the drawings.

The part C is hinged to the front of the seat-frame of the chair, as seen in Fig. 1.

The part D forms the head part or bolster of the bed, and is upholstered only on one side, d' , as shown. To this part are hinged two legs, E, one of which is shown in the drawings. These legs E, when the chair is arranged for a bed, support one end of the said part D, and the other end rests upon the upper edge of the front side of the seat-frame of the chair, as shown in Fig. 1.

When the chair is closed, the part D rests upon the cross-pieces a^2 and a^3 , the legs E being folded down into the position shown in Fig. 2.

When the chair is opened up to form a bed, the part B is supported by four legs, F, two of which are pivoted to each side edge of the said part B, as shown in Fig. 1.

The legs F are pivoted to the frame of the part B by means of the screw-socket G. This socket is made in the form of a short tube, having a screw-thread cut upon its outer and inner surface, as shown in Fig. 3, and it is screwed into the hole formed for its reception in the frame of the part B by means of a screw-driver, for which purpose a notch is formed in the outer end of the said socket.

The legs F are pivoted to the socket G by means of a screw, g' , which passes through the end of the said legs and screws into the said socket, as shown in Fig. 3.

The socket serves as a bearing for the screw g , which retains the leg in position. It prevents breaking away or wearing out of the opening made to receive it, and also the sagging or hanging of the screw out of its proper plane.

f' is a brace pivoted to the side of the legs F, the other end of which terminates in a hook, which hooks over a pin attached to the side of the frame of the part C and keeps the said legs in a vertical position.

When the chair is folded up the legs F are

turned around so as to lie along the edge of the part B, their ends resting against the block b^3 , so as to be out of the way.

I claim as new and desire to secure by Letters Patent—

1. The head part D, having legs E, in combination with the parts C B, hinged to each other, and with frame A, provided with pivoted legs F, and braces f' , arranged and op-

erating substantially as represented and described.

2. The screw-socket G, in combination with the legs F, and frame of the part B, substantially as described, and for the purpose set forth.

Witnesses:

E. HAMBUJER.

WM. F. MCNAMARA,
JAMES T. GRAHAM.