

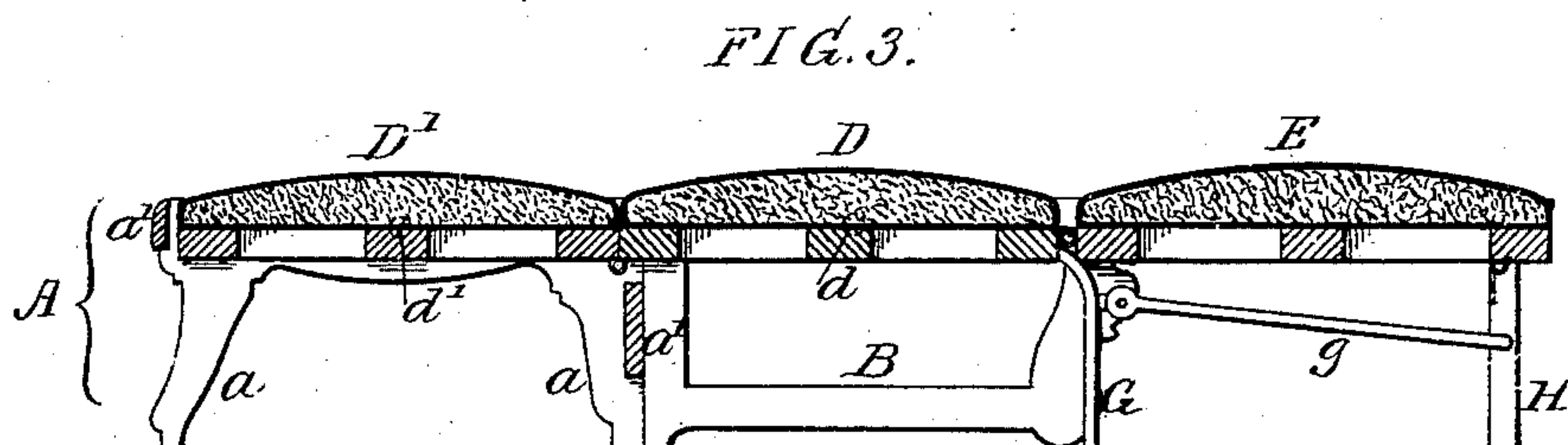
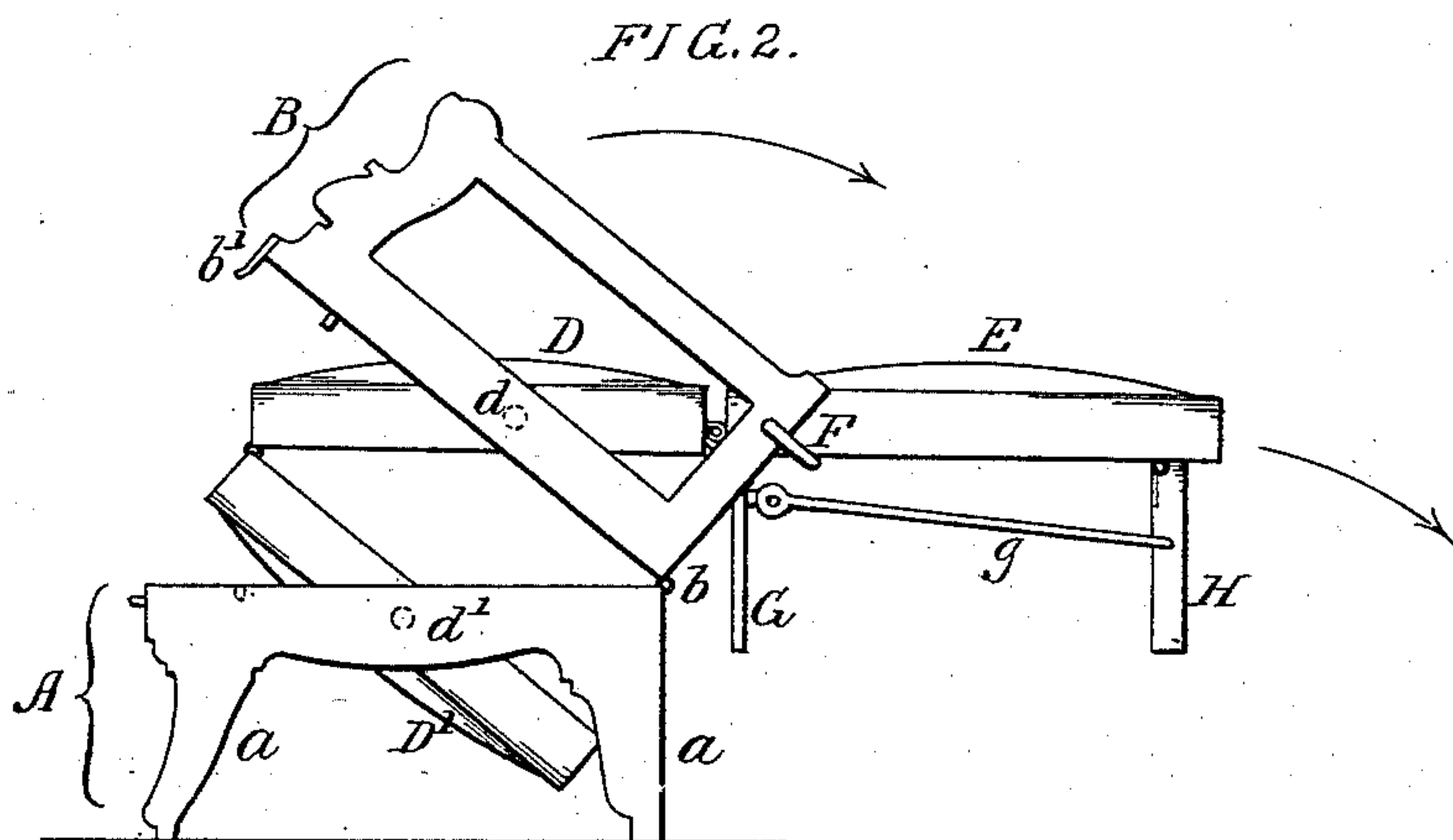
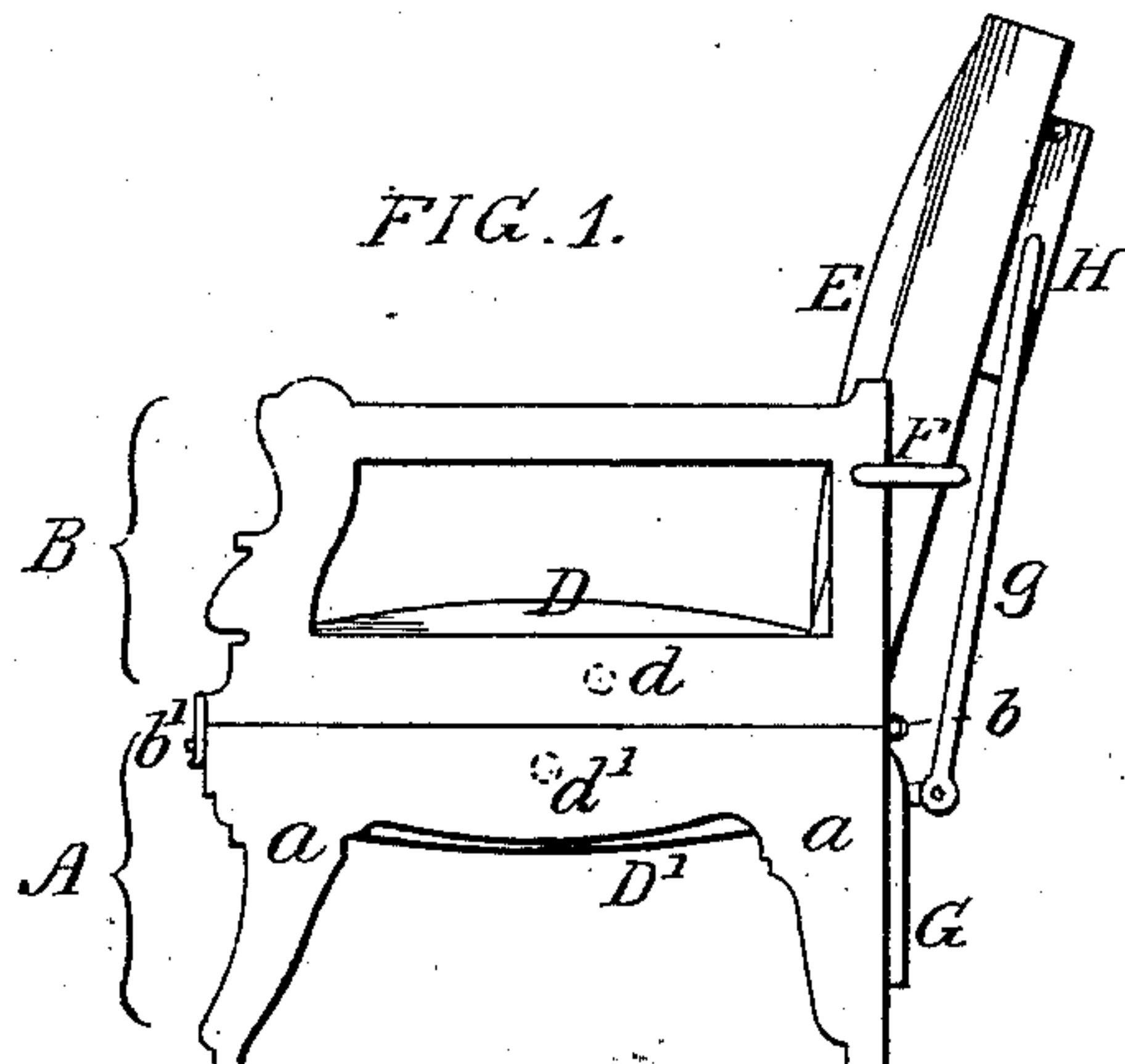
(No Model.)

2 Sheets—Sheet 1.

R. E. HAMMER.  
CONVERTIBLE SOFA BED.

No. 278,136.

Patented May 22, 1883.



WITNESSES:

Harry L. Ashenfelter.  
Harry Drury

INVENTOR.

Robert E. Hammer  
by his attorneys  
Hewitt & Jones

(No Model.)

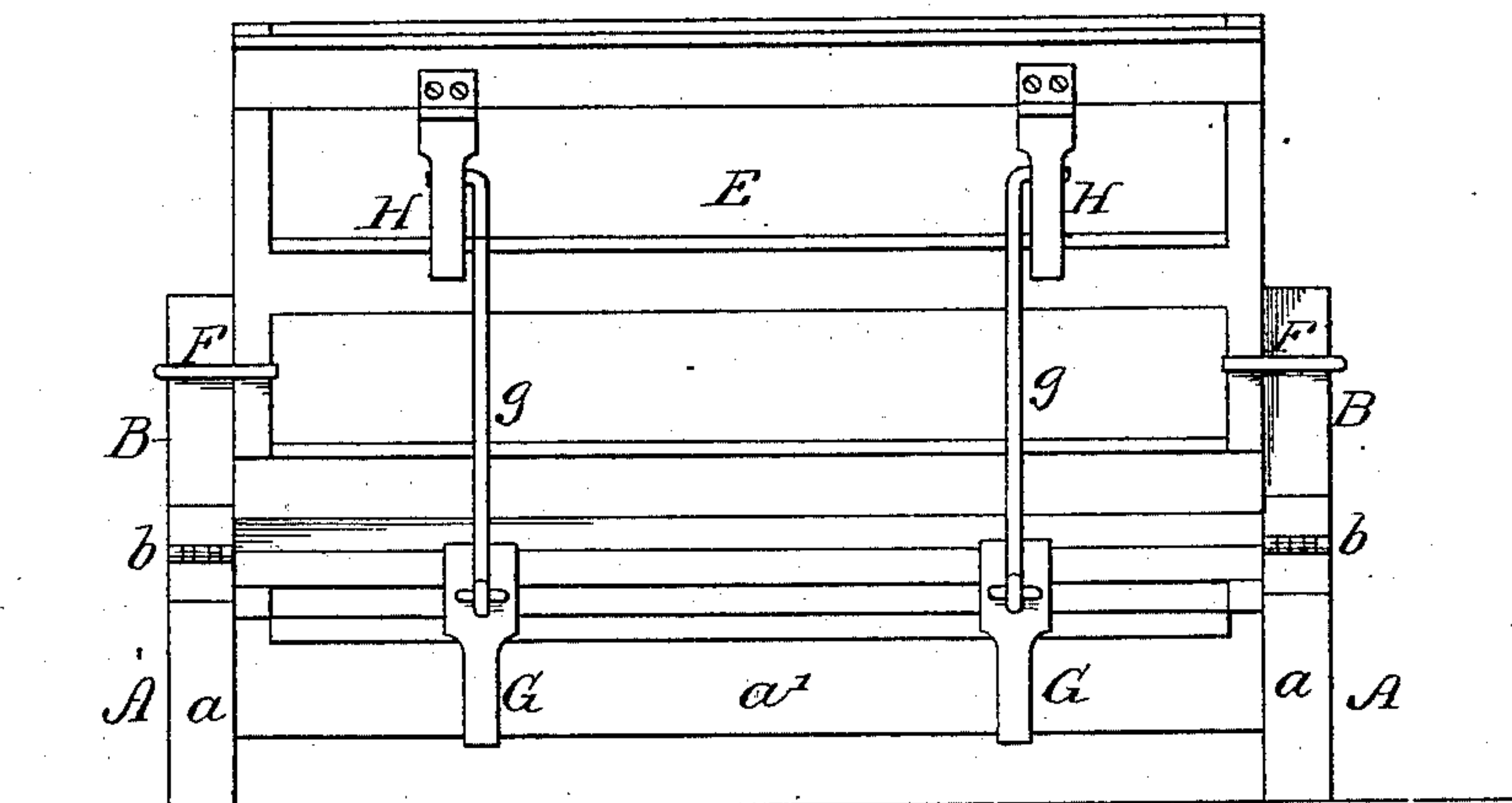
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FIG. 4.



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Harry Drury

INVENTOR:

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Hosmer & Son



# UNITED STATES PATENT OFFICE.

ROBERT E. HAMMER, OF PHILADELPHIA, PENNSYLVANIA.

## CONVERTIBLE SOFA-BED.

SPECIFICATION forming part of Letters Patent No. 278,136, dated May 22, 1883.

Application filed April 16, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, ROBERT E. HAMMER, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain  
5 Improvements in Convertible Sofa - Beds, of which the following is a specification.

The main object of my invention is to so construct a convertible sofa - bed that the upholstered portions will be uppermost when the  
10 piece of furniture is opened out into the form of a double bed as well as when it is in the form of a sofa, and this object I attain by combining with the seat for the sofa a reversible section hinged to said seat, both seat and  
15 section being pivoted at their ends to hinged frame - pieces, as more fully described hereinafter.

In the accompanying drawings, Figure 1 is a side view of the piece of furniture in the  
20 form of a sofa; Fig. 2, a side view, showing it about being converted into a bed; Fig. 3, a section showing it in the form of a bed, and Fig. 4 a rear view of a sofa.

The main frame A consists of the end pieces,  
25 a a, provided with legs and longitudinal bars a' a'. To the end pieces, a a, are hinged at b the portions B B, which form the arms of the sofa when the piece of furniture is used for that purpose, (Fig. 2,) while when it is used as a bed  
30 these pieces B are turned over on their hinges to stand on the floor and form part of the bed-frame, as shown in Fig. 3. The arms B may be provided with any suitable form of spring-catch, b', to retain them in position, (Fig. 1.)  
35 These arms B carry the upholstered section D, which forms the seat of the sofa, and is pivoted to the arms by pivots d, (indicated by dotted lines in Figs. 1, and 3,) and to the rear of the seat - section is hinged the section E, which  
40 forms the back of the sofa when so used, (Figs. 1 and 4,) this back being supported at the proper angle by bent arms F, carried by the pieces B. To the front of the seat-section D is hinged a similar upholstered section, D', so that in the  
45 sofa form of the sofa-bed the section D' will be folded under the seat - section with its upholstered side down, as indicated in Figs. 1 and 2. This section D' is pivoted to the end pieces, a a, of the frame A, by means of the pivots d'.

The back of the seat - section D carries fixed  
50 leg-supports G G, which are connected by radius-rods g to legs H H, hinged to the rear of the back-section E.

When the piece of furniture is in use as a  
55 sofa the arms B rest on the end pieces, a, of the frame and are held by the catches b', and the section D, with its upholstered side uppermost, is in position for use as the seat, while the section D' is folded underneath it, and the section E is supported at the proper angle by the arms  
60 or pins F, to form the back of the sofa, as shown in Fig. 1. To convert this into a bed the catches b' are released and the arms B are turned on their hinges b, (Fig. 2,) to the position shown in Fig. 3, carrying with them the seat-  
65 section D and back E, the latter as the seat rises coming to a horizontal position on the arms or supports F, Fig. 2, while the section D' is turned over on its pivots until it assumes a horizontal position with its upholstered side  
70 uppermost in line with the two other sections, as shown in Fig. 3. During these movements the seat-section D has maintained a nearly horizontal position, as will be seen in the several  
75 views. As the back-section E assumes a horizontal position the legs H, owing to their radius-rods g, will assume vertical positions, and with the legs G form supports for the sections E and D of the sofa-bed.

I claim as my invention—

1. The combination of the frame and back  
80 and seat sections of a sofa-bed with a section, D', hinged to the seat-section and pivoted to the frame, substantially as set forth.

2. The combination of the frame of a sofa-  
85 bed, hinged arm-pieces B, and back-section with a seat-section pivoted to the arm-pieces, and a section, D', pivoted to the frame and hinged to the seat-section, substantially as described.

3. The combination of the frame A of a sofa-  
90 bed and hinged arm-pieces B with a seat-section pivoted to the arm - pieces, back - section hinged to the seat-section, and section D', pivoted to the frame A, and also hinged to the seat-section, substantially as specified.

4. The combination of the frame A of a sofa-  
95 bed and hinged arm-pieces B, having supports F, with seat - section D, pivoted to the arm-

pieces, and back-section E, hinged to the said seat-section, substantially as described.

5 5. The combination of the frame and arm-pieces with seat-section, carrying legs G, and hinged back, carrying hinged legs H, and radius-rods *g*, connecting the legs G and H, substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

R. E. HAMMER.

Witnesses:

HARRY L. ASHENFELTER,  
HENRY HOWSON, Jr.