

(No Model.)

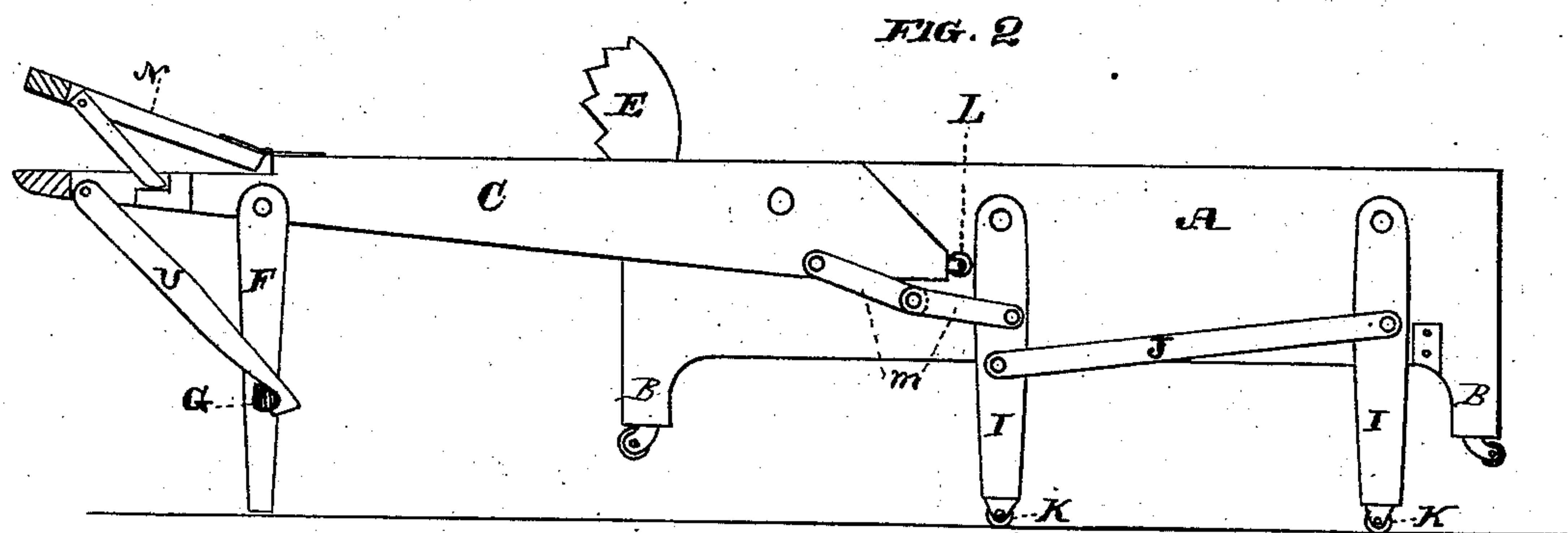
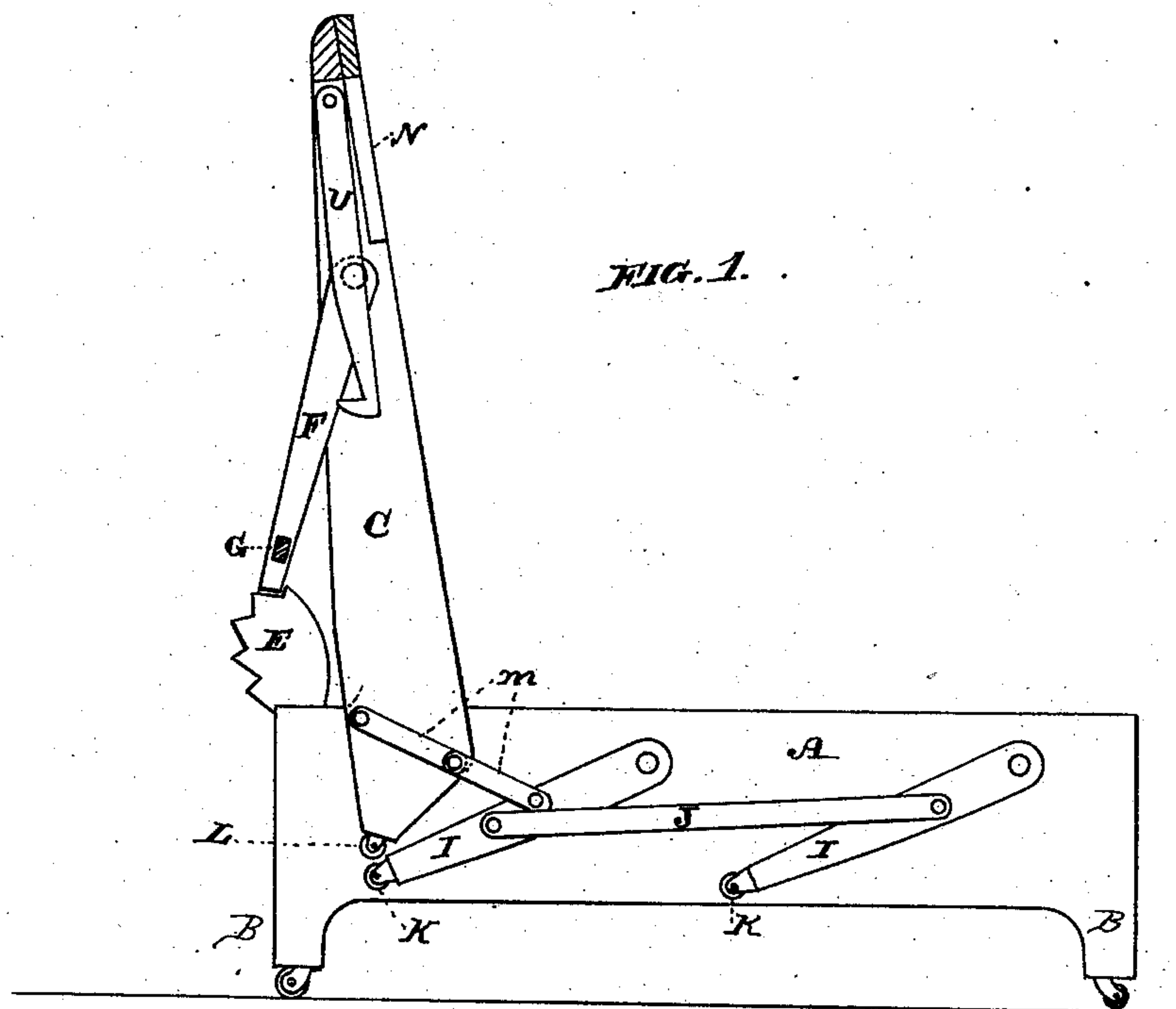
3 Sheets—Sheet 1.

A. HANSEN.

BED LOUNGE.

No. 292,556.

Patented Jan. 29, 1884.



Witnesses,  
Geo. H. Strong,  
J. H. Rouse

Inventor,  
A. Hansen  
By  
Dewey & Co.  
Attorneys

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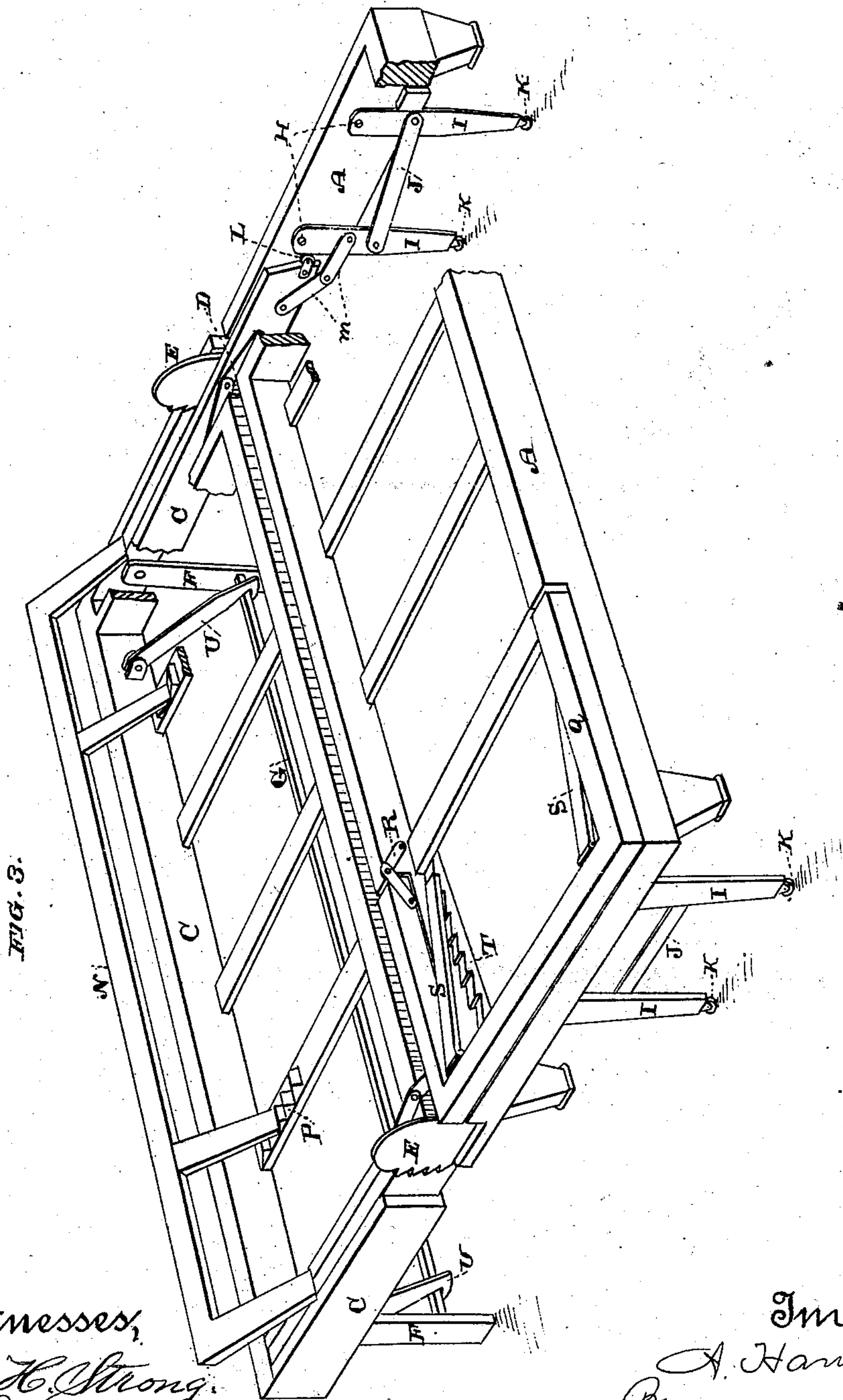
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Witnesses,  
Geo. H. Strong,  
J. H. House

Inventor,  
A. Hansen  
By  
Dewey & Co  
Attorneys.

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FIG. 4.

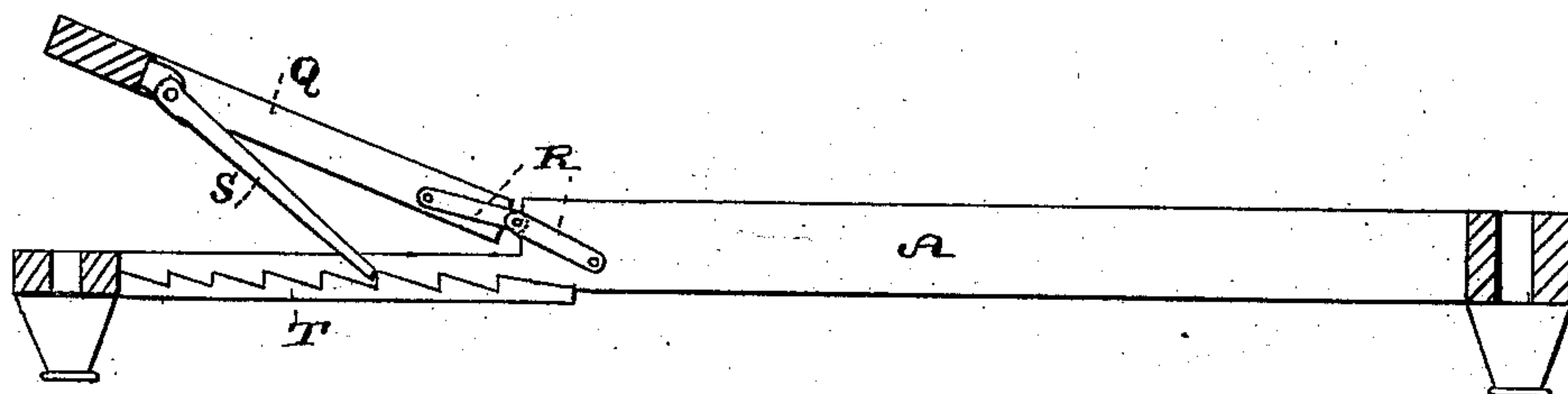
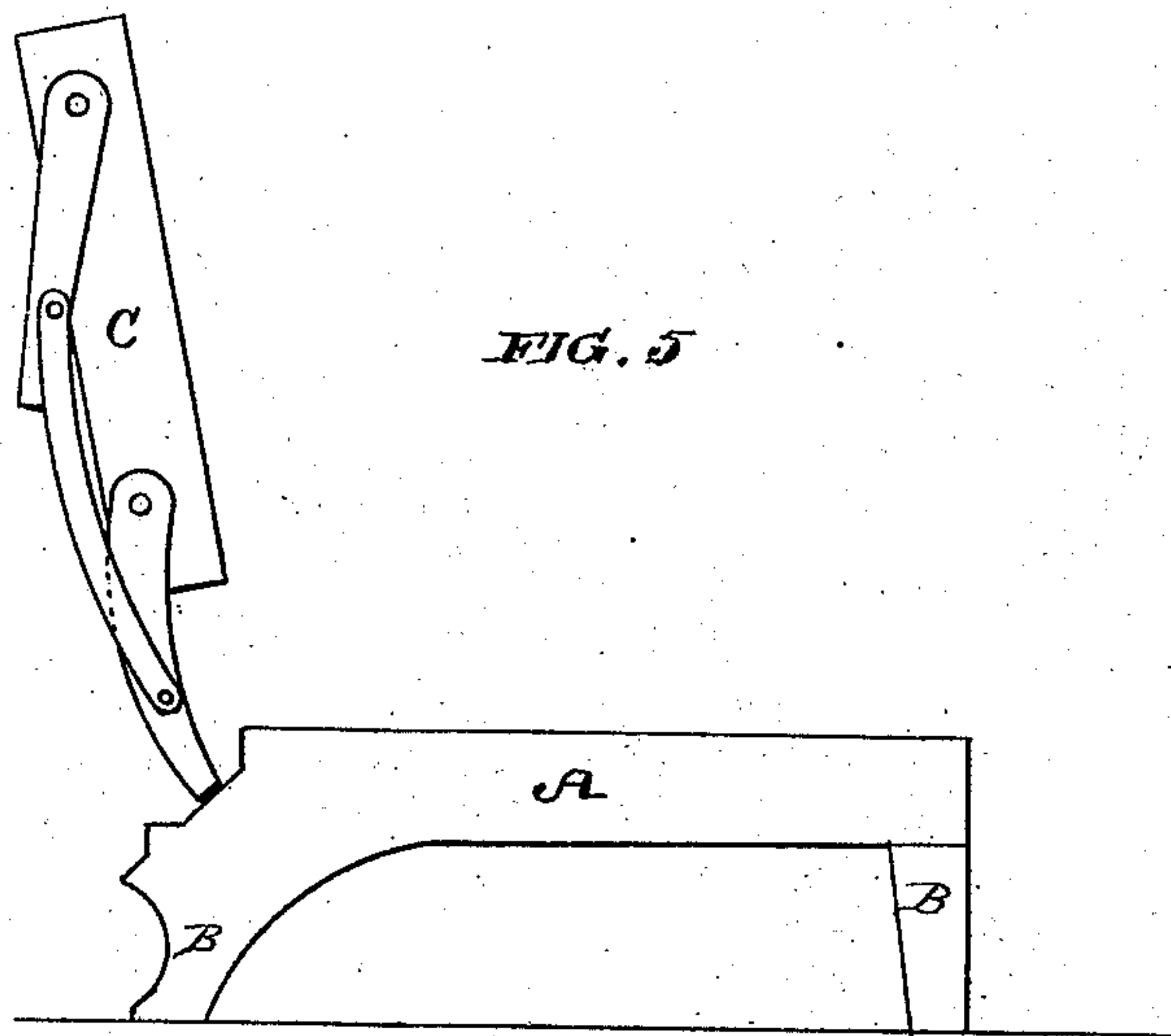


FIG. 5.



Witnesses,  
Geo. H. Strong  
J. H. House

Inventor  
A. Hansen  
Attorney  
Dewey & Co.



# UNITED STATES PATENT OFFICE.

AUGUST HANSEN, OF SAN FRANCISCO, CALIFORNIA.

## BED-LOUNGE.

SPECIFICATION forming part of Letters Patent No. 292,556, dated January 29, 1884.

Application filed May 17, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, AUGUST HANSEN, of the city and county of San Francisco, and State of California, have invented an Improvement in a Bed-Lounge; and I hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to certain improvements in that class of furniture known as "bed-lounges;" and it consists in a supplemental set of legs and means for operating the same when the back is let down to form a bed, whereby the bed is elevated and caused to stand higher than when used as a sofa or lounge, and in certain details of construction, all of which will be more fully explained by reference to the accompanying drawings, in which—

Figure 1 is a vertical sectional view of my lounge with the back upright; Fig. 2, a similar view, showing it opened to form a bed. Fig. 3 is a perspective view of the lounge when opened, with parts broken to show the connections of the supplemental legs with the seat-frame and with the back. Fig. 4 shows the construction of the end of the seat to form a raised pillow. Fig. 5 is a modification of the device for supporting the back upright, or at any angle.

A is the main frame or body of my lounge, which is supported upon legs B, which may have the usual casters.

C is the back of the lounge, hinged to the main frame or bed by the straps D, which are concealed by the upholstery. The rear portion of the back legs may be notched or serrated, as shown in Fig. 5, or, as I have shown in Fig. 1, standards E E, projecting upward from the back of the seat-frame at each end, have their rear edges serrated to receive the lower ends of the supporting pawls or bars F, the upper ends of which are hinged or pivoted near the upper part of the back in channels formed in the end timbers of the same. The lower ends of these bars thus rest upon any desired notches of the standard and hold the back at any desired angle. The two bars or pawls F at opposite ends of the back are united by a horizontal bar or bars, G, so that they may move simultaneously. As the upper ends of these bars are hinged well within

the slots or channels in the end timbers, their lower ends will engage the standards when the back is raised to an upright position; but when they are disengaged to allow the back to be lowered, they will swing outward, hanging in a vertical line, and when the back reaches the horizontal position will rest upon the floor to support it.

Horizontal channels may be made in the timbers beneath the seat of the lounge, and supplemental legs I have their upper ends pivoted within these channels; or these legs may be pivoted within the end timbers of the seat-frame, as at H. The front and rear legs, I, at each end of the lounge are connected by links J, so as to open and close the legs together, in the manner of a parallel ruler, and when folded up they lie closely beneath the seat-frame, by which they are concealed. The lower ends of these legs have casters fixed to them with triangular frames, as shown at K, so that these legs will move easily upon the floor or carpet when they are thrown down; and these legs are so long that when they stand in a vertical position beneath the seat they raise the latter to a considerable height and support it with the ordinary legs clear of the floor. This makes it much more desirable for a bed, and the bars F, depending from the back C, are of such a length as to support this portion at the same level with the seat when it is opened out. In order to operate these supplemental legs and open them out when the back is moved, the lower angle of the end timbers of the back have small anti-friction rollers L upon them, which press upon the sides of the rear legs below the points where they are pivoted to the seat-frame, and as these rollers are also below the hinge-joints of the back, that portion of the back forms the short arm of a lever to act upon the legs when it is let down, and force them beneath the seat, so as to raise the latter upon them, as shown in Fig. 2. Links m connect the rear legs with the back C, so that when the back is lifted up toward a vertical position these links draw the legs back, or let the seat forward and downward until it rests upon the permanent legs, after which the supplemental legs will be drawn up beneath the seat out of the way.

When used as a bed, the supplemental frame



N, which extends along the back, may be slightly raised and held at any desired angle by pawls O and serrations P upon the back.

The end of the seat-frame is cut away, and  
5 a frame, Q, is let into the space, so that it will lie flush with the remainder of the seat when desired. This part Q is hinged to the main seat-frame A, as shown at R, and may be raised up, a pawl, S, holding it in place by  
10 engaging with teeth or serrations in the bottom, as at T. This makes a neat finish, providing an arm or raised adjustable pillow for the lounge, when used as such, and capable of being laid flat when the back has been opened  
15 out to form a bed.

The supports for the back are hinged to it a short distance from its upper end, and a hooked bar, U, is hinged at or near the upper edge, so that the hook will fall over the bar which unites  
20 the two supports. When these swing down into position, the hook will prevent them from swinging farther than is desired, and it is easily unclasped to allow the back to be again

lifted up and those arms to swing into their places.

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

1. The seat-frame A, having supplemental legs I, and the links J connecting them, in combination with the pivoted back C and links m, for the purpose set forth. 30

2. In a bed-lounge, the seat-frame A, having stationary legs B and adjustable pivoted legs I, and the connecting-links J, in combination with the pivoted back C, rollers L, connecting-links m, pawls F, and the serrated standards E, substantially as and for the purposes herein shown and described. 35

In witness whereof I have hereunto set my hand.

A. HANSEN.

Witnesses:

S. H. NOURSE,

H. B. APPLEWHITE.