

(No Model.)

J. LEWIN.
SOFA BED.

No. 492,729.

Patented Feb. 28, 1893.

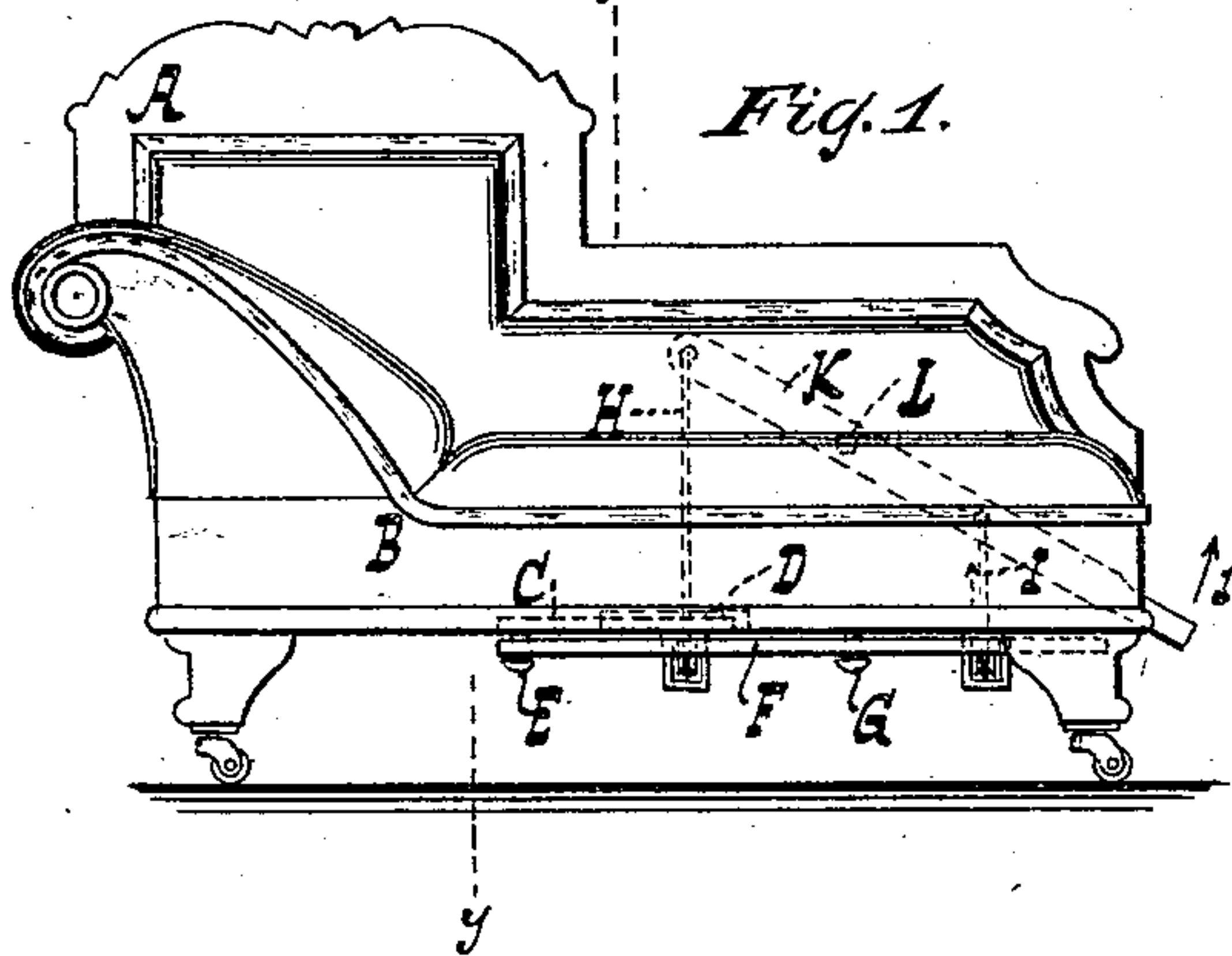


Fig. 1.

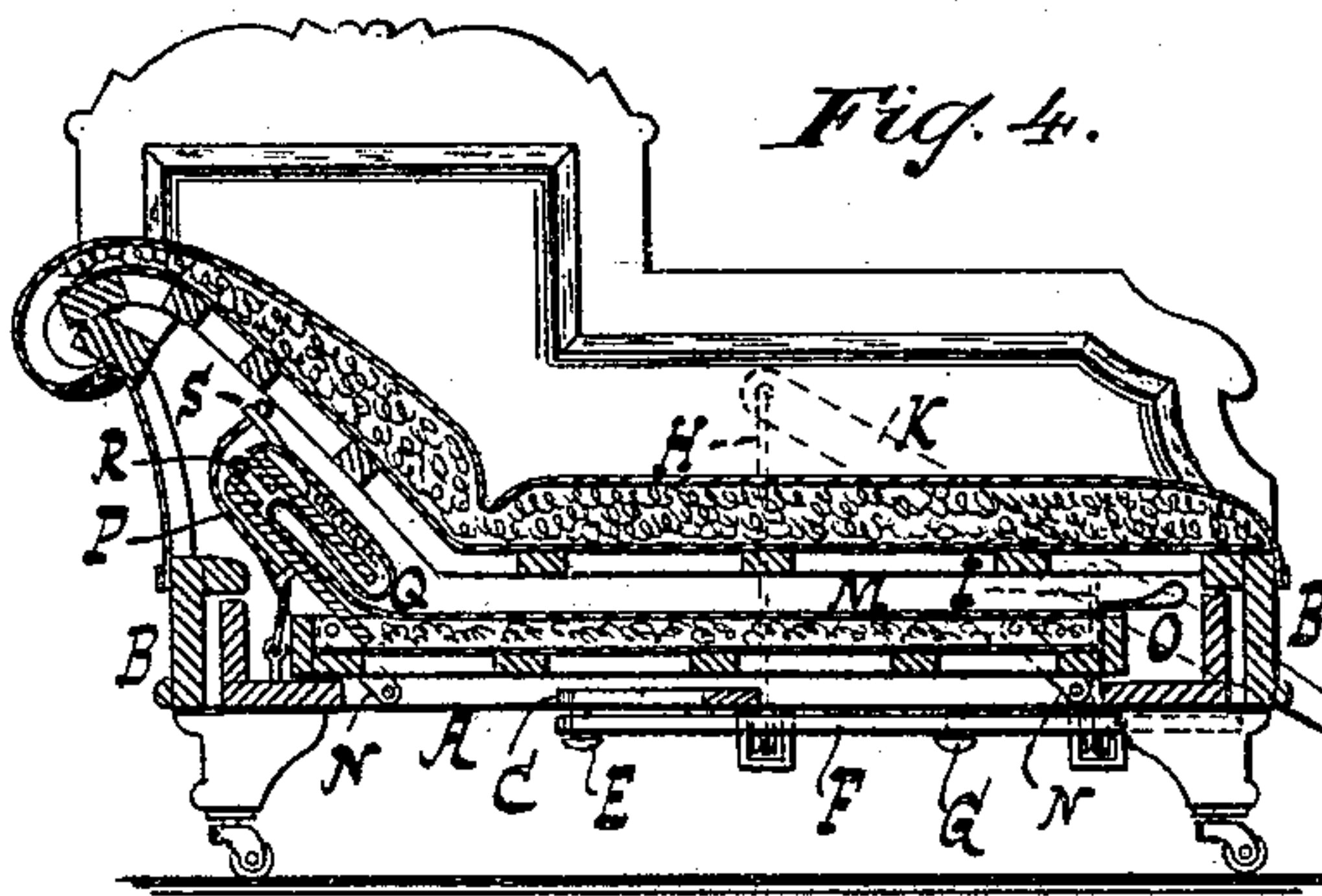


Fig. 4.

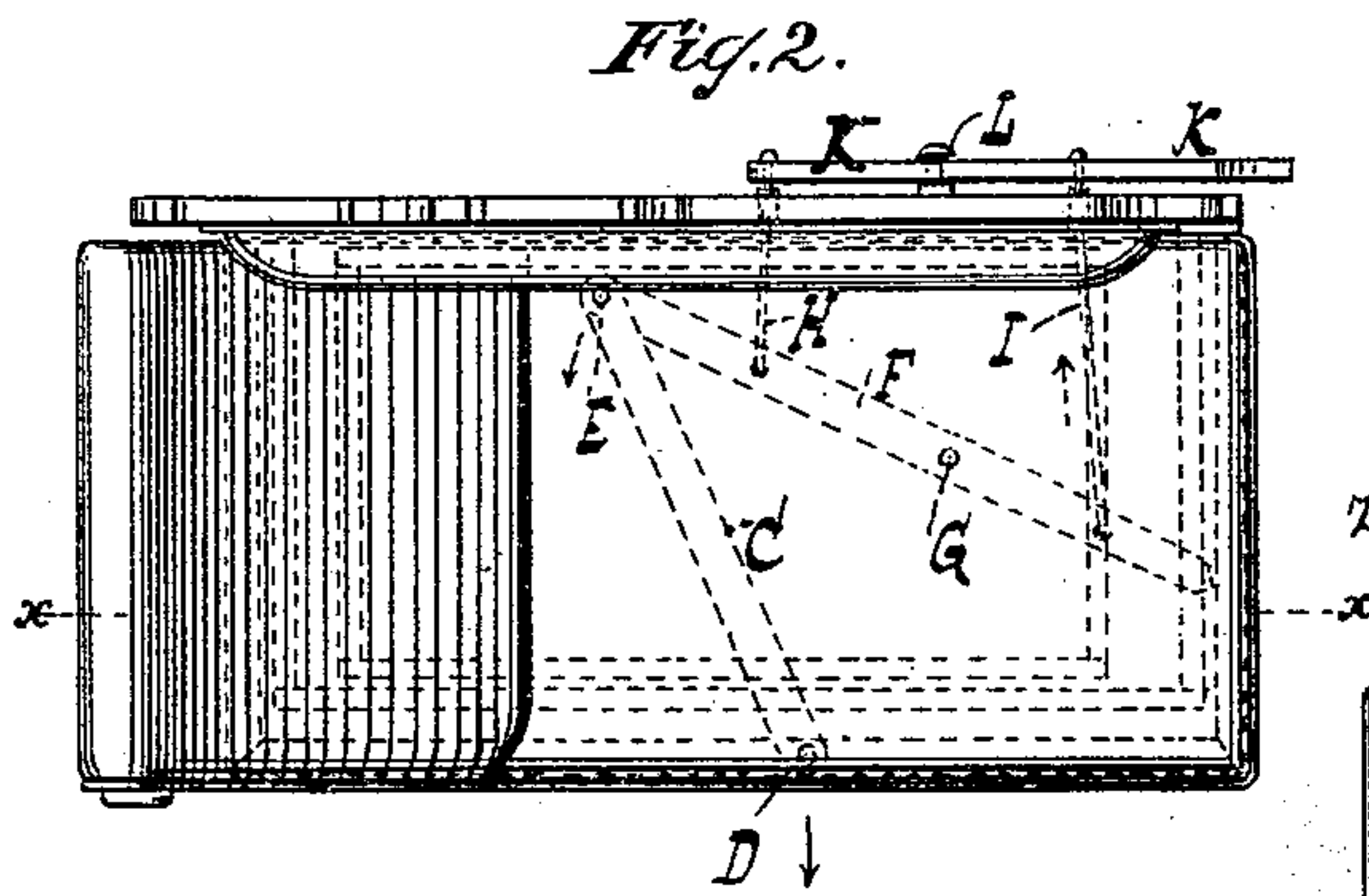


Fig. 2.

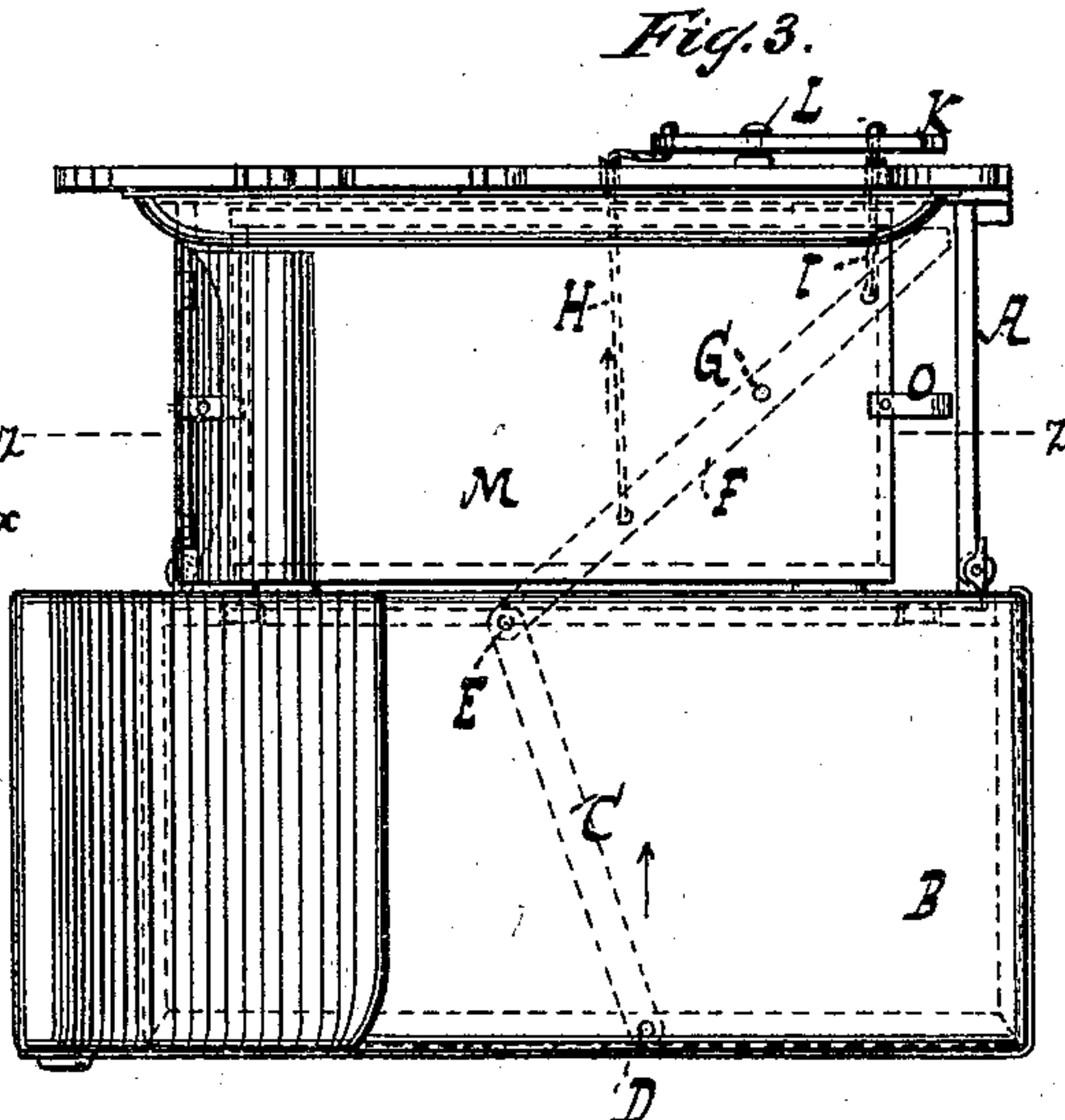


Fig. 3.

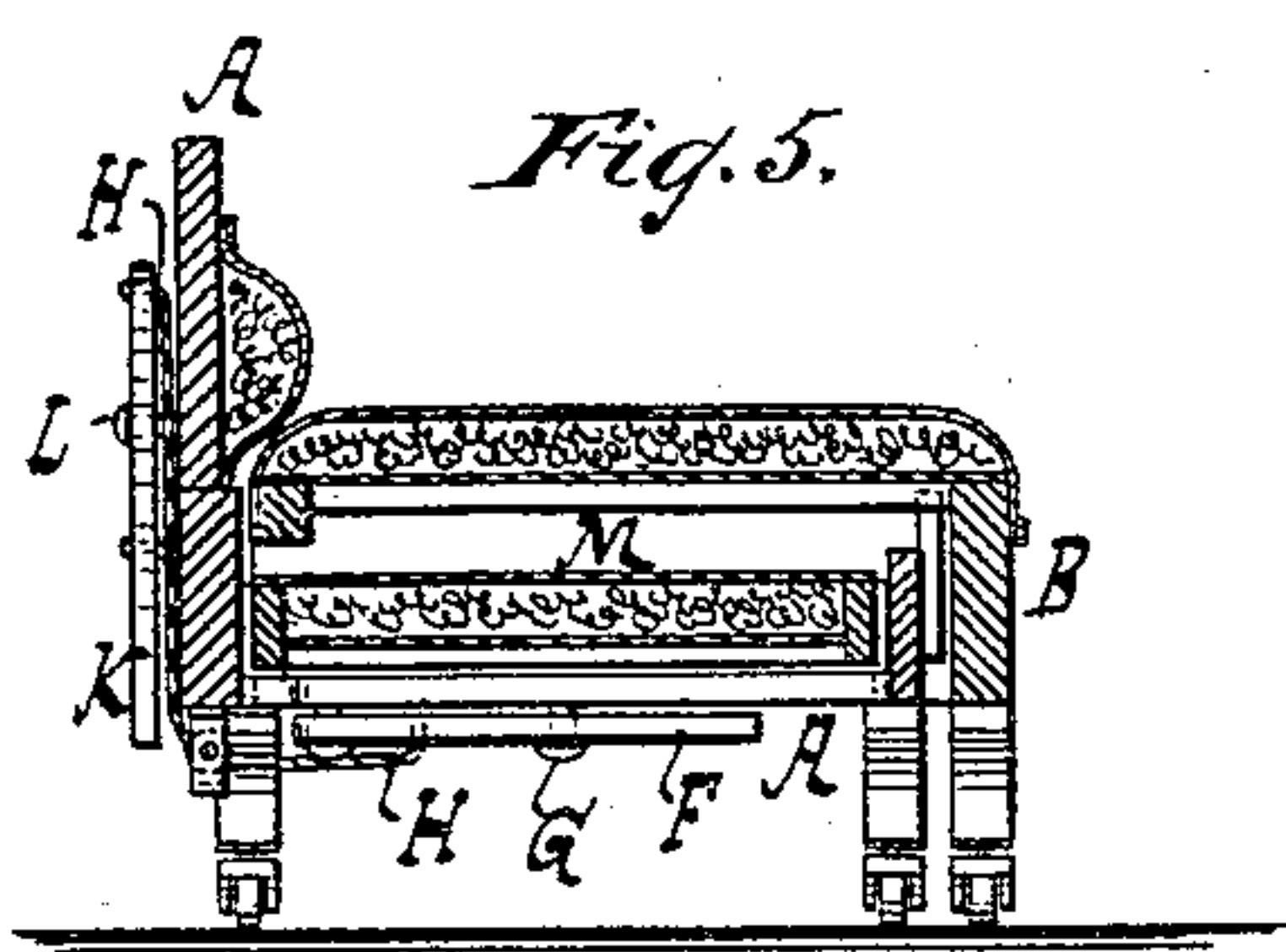


Fig. 5.

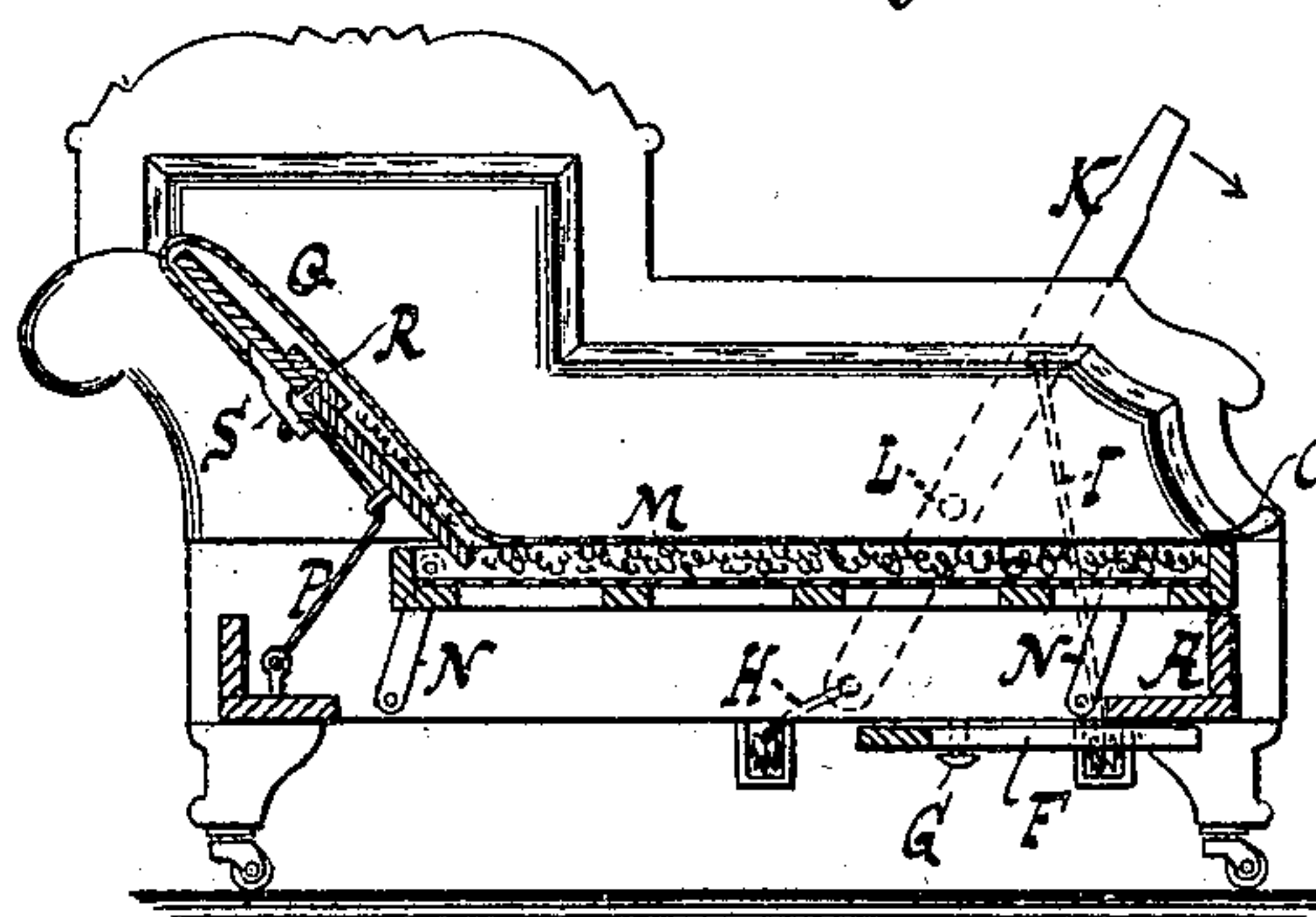


Fig. 6.

WITNESSES:

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UNITED STATES PATENT OFFICE.

JACOB LEWIN, OF NEW YORK, N. Y.

SOFA-BED.

SPECIFICATION forming part of Letters Patent No. 492,729, dated February 28, 1893.

Application filed August 11, 1892. Serial No. 442,742. (No model.)

To all whom it may concern:

Be it known that I, JACOB LEWIN, a citizen of the United States, residing at New York, in the county and State of New York, have
5 invented new and useful Improvements in Sofa-Beds, of which the following is a specification.

This invention relates to an improvement in bed lounges or sofa beds and the object of
10 the invention is to obtain a device which can be readily and easily operated as set forth in the following specification and claim and illustrated in the annexed drawings, in which

Figure 1 is a side elevation of the device
15 closed. Fig. 2, is a plan view of Fig. 1. Fig. 3, is a plan view of the device opened or drawn out to form a bed. Fig. 4, is a section along xx Fig. 2. Fig. 5, is a section along yy Fig. 1. Fig. 6, is a section along zz Fig. 3, showing the bottom of the fixed frame raised or
20 elevated.

In the drawings the letter A indicates a stationary frame or base and B is a horizontal
25 sliding frame to which a link or arm C is jointed or pivoted at D. Said link C is jointed or pivoted at E to lever F fulcrumed at G at the lower part of the stationary frame A. The lever F has cords or connections H
30 I extending to a hand lever K fulcrumed at L on the back of the stationary frame A. When the lever K is swung in the direction of arrow 1 (Fig. 1) the cord I is pulled or drawn to swing the lever F and link C to
35 move or slide the frame B from the position shown in Figs. 1 and 2 to the position shown in Fig. 3 so as to form a bed. When the hand lever K is swung in the opposite direction the cord H is moved or pulled to swing the lever F and link C for moving the
40 frame B back to the position shown in Fig. 1 to form a lounge. The stationary frame A has a rising and falling bottom M and when the frame B is out the bottom M is raised to a level with the cushion of frame B so as to
45 form an even surface for the bed. To the bottom M and to the frame A are jointed or pivoted the swinging legs or supports N and

by means of a loop or handle O the bottom can be raised and the legs N swung to the position shown in Fig. 6. When the bottom
50 M is raised to the position shown in Fig. 6 the cord P is tightened to move or swing the movable head rest Q of bottom M to the position shown in Fig. 6 so as to be continuous with the headrest of the lounge portion. The two head rests can then be used
55 to support pillows. The head rest Q is jointed or hinged at R and has an arm or lever S to which is connected the cord P said cord being also connected to the fixed frame A. When
60 the bed is to be closed into a lounge the bottom M is pushed or moved to swing the legs or supports N from the position shown in Fig. 6 to the lowered position shown in Fig. 4 when the head rest Q can swing in or fold and the
65 sliding frame B can be drawn back to the position shown in Fig. 1 to form a lounge.

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

1. The combination with a stationary frame
70 and a sliding frame of a lever for actuating the sliding frame and a rising and falling bottom for the stationary frame said rising and falling bottom being provided with a movable
75 head rest and a cord connected to the stationary frame and to the movable head rest for automatically raising the latter as the bottom is elevated substantially as described.

2. The combination with a stationary frame
80 provided with a rising and falling bottom of a sliding frame, a lever fulcrumed on the back of the stationary frame, a second lever fulcrumed at the lower part of the stationary frame, cords or connections extending from
85 the first to the second lever and a link or connection for connecting the second lever to the sliding frame, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

JACOB LEWIN.

Witnesses:

WM. C. HAUFF,
E. F. KASTENHUBER.