

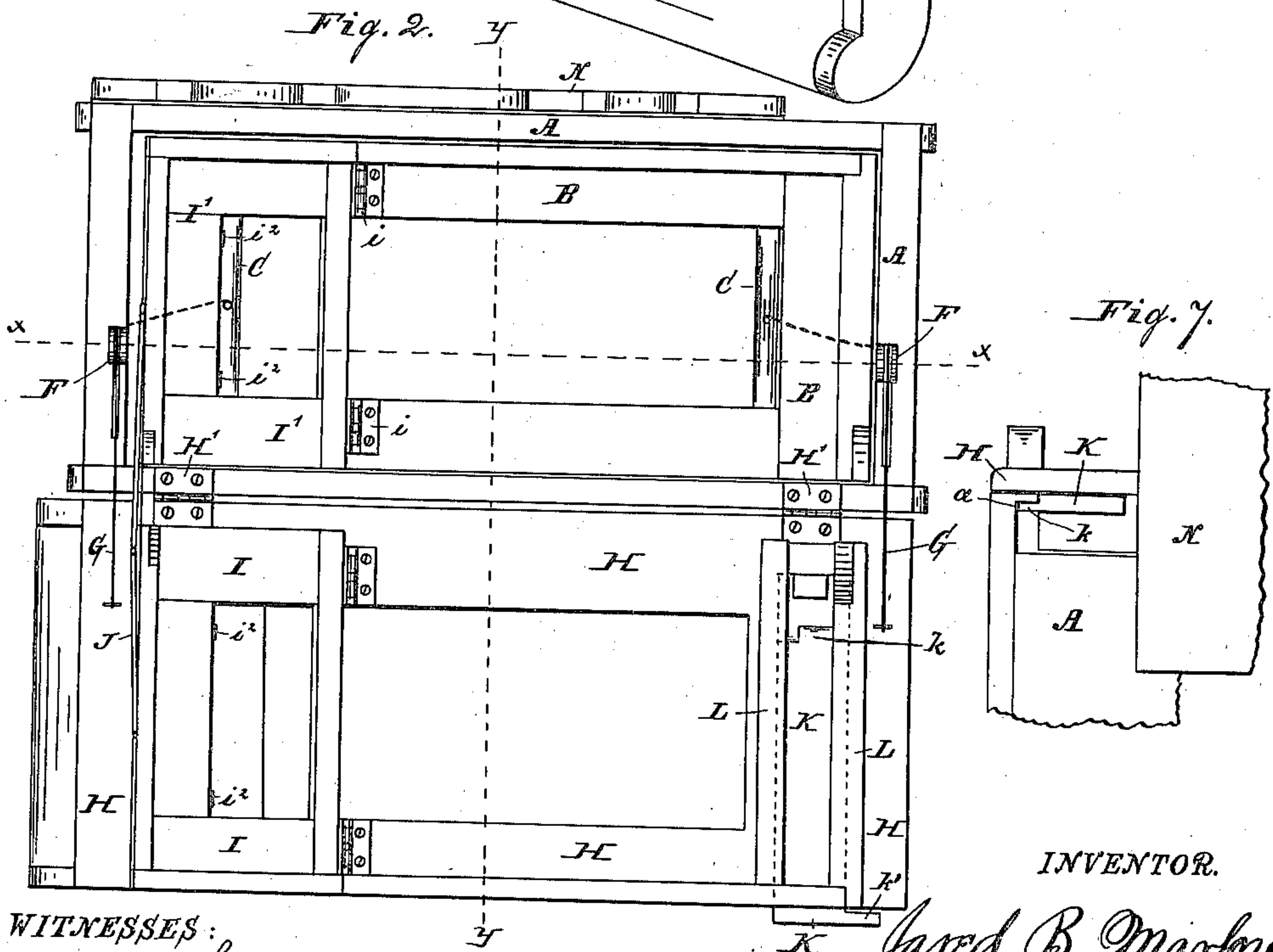
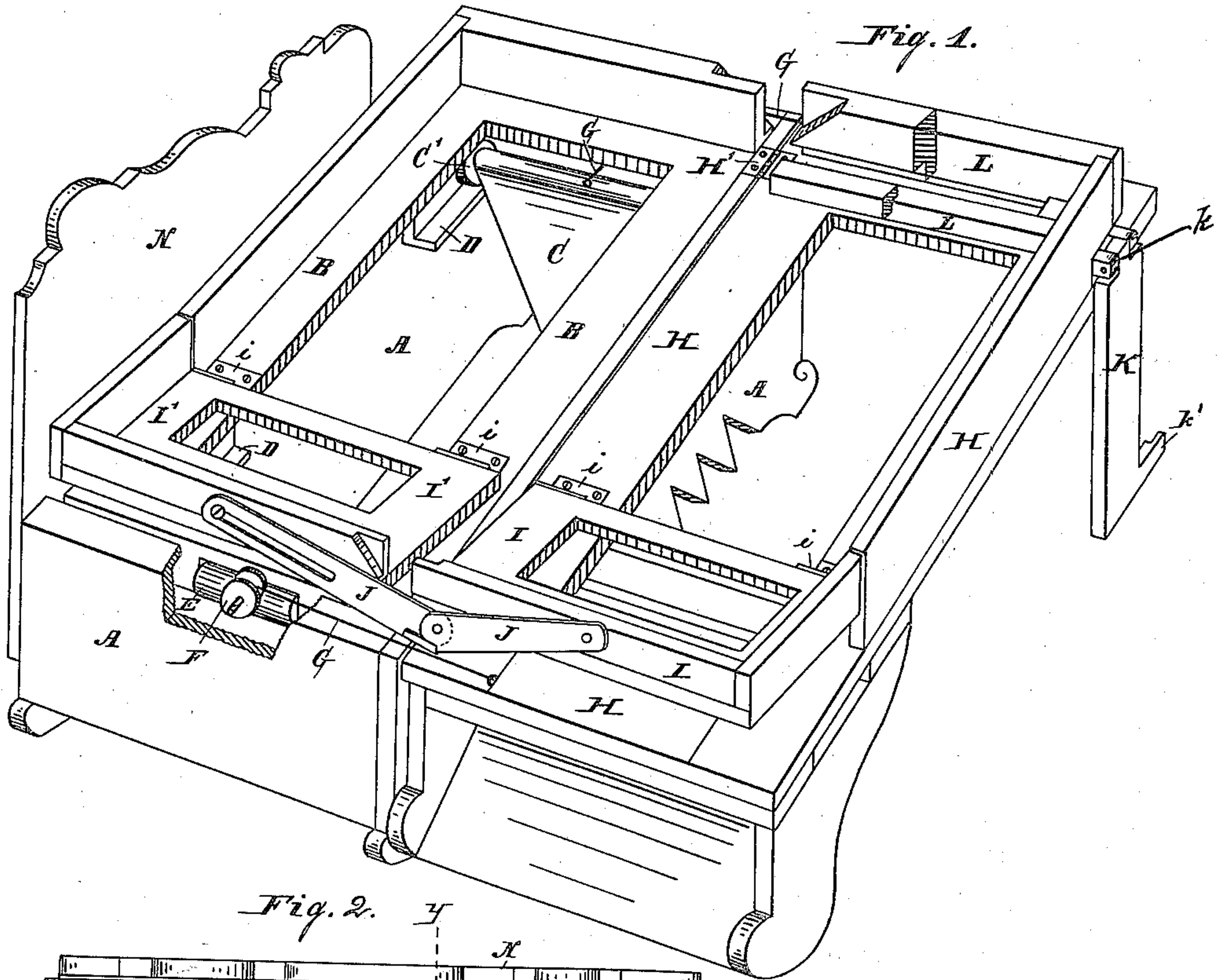
(No Model.)

2 Sheets—Sheet 1.

J. B. MARLNEE.
Bed Lounge.

No. 243,383.

Patented June 28, 1881.



WITNESSES:
James B. Liggins.
R. P. Daggett

INVENTOR.
Jared B. Marlnee,
C. Bradford
ATTORNEY.

(No Model.)

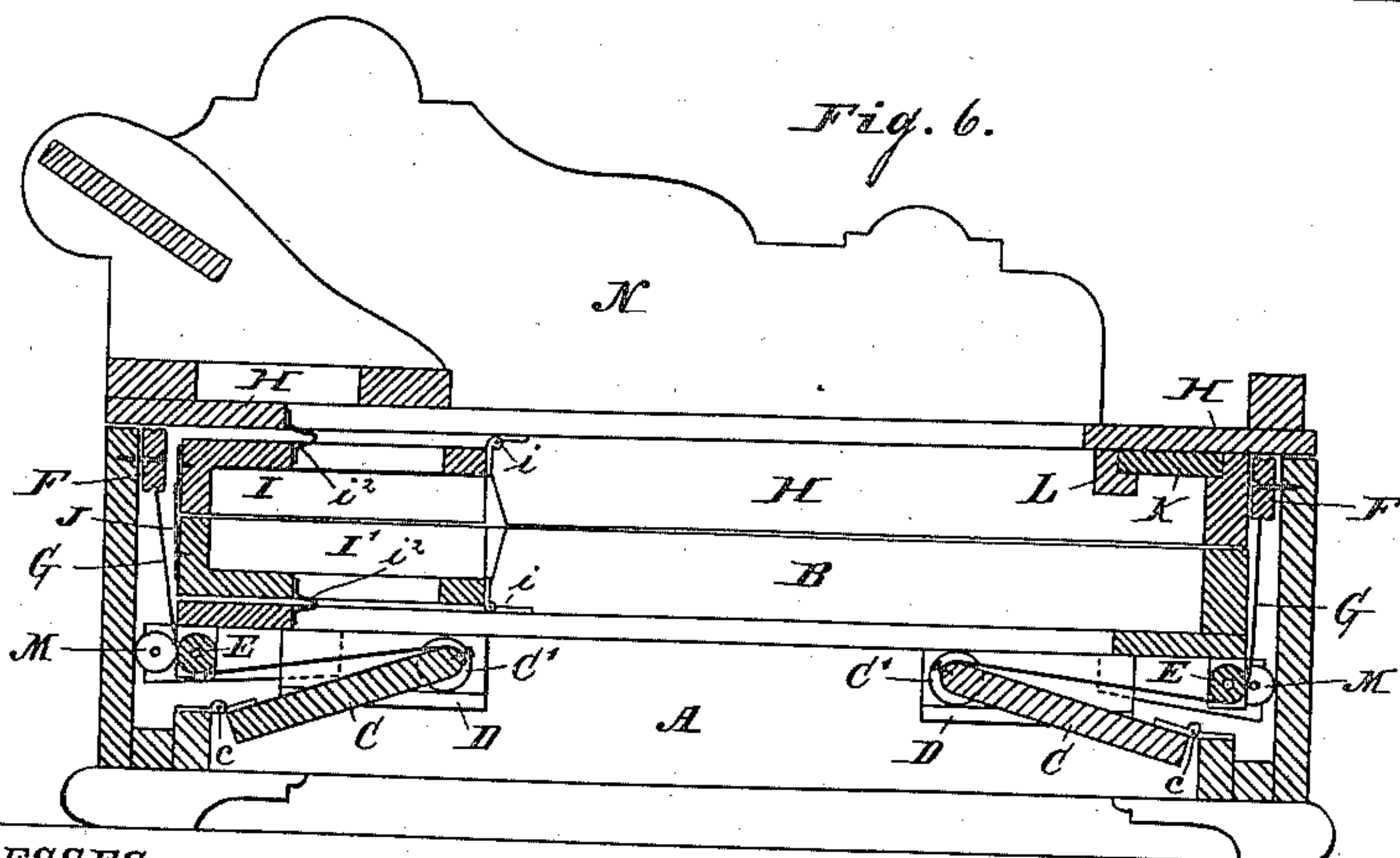
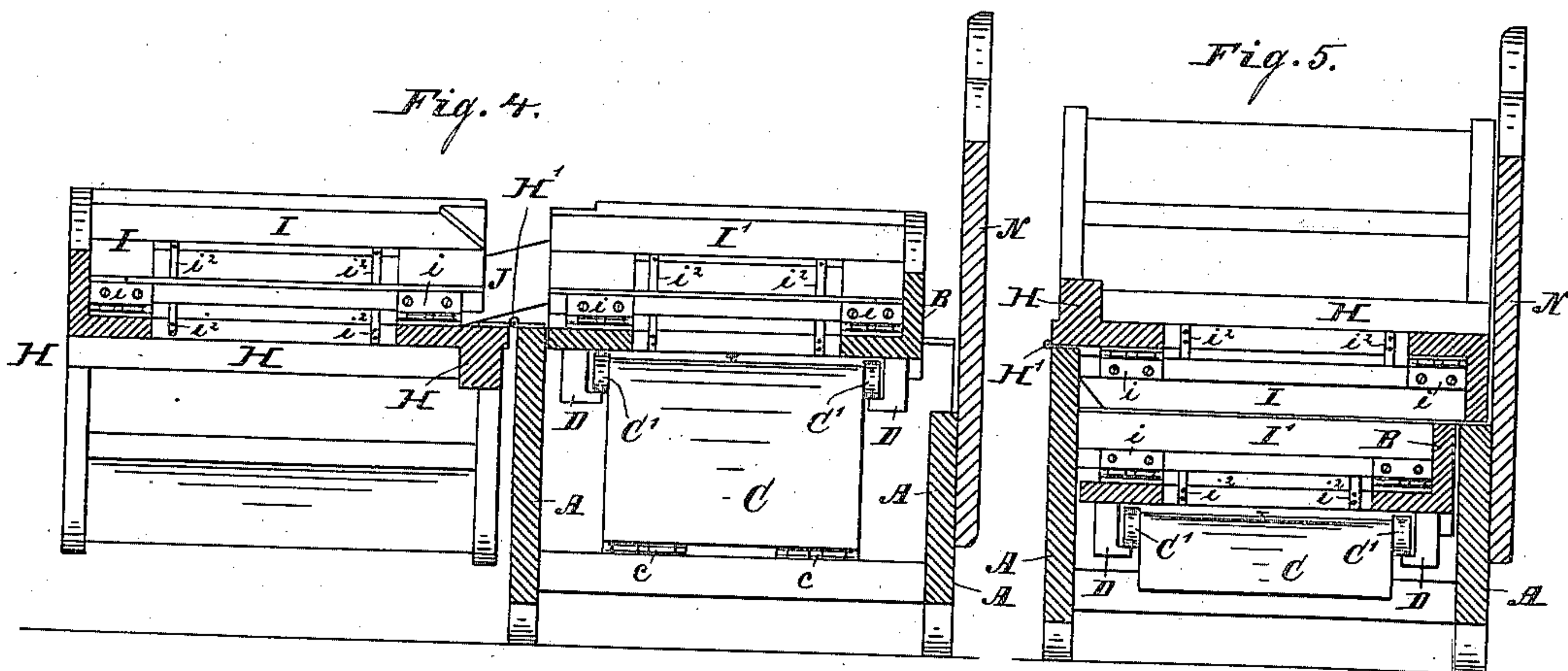
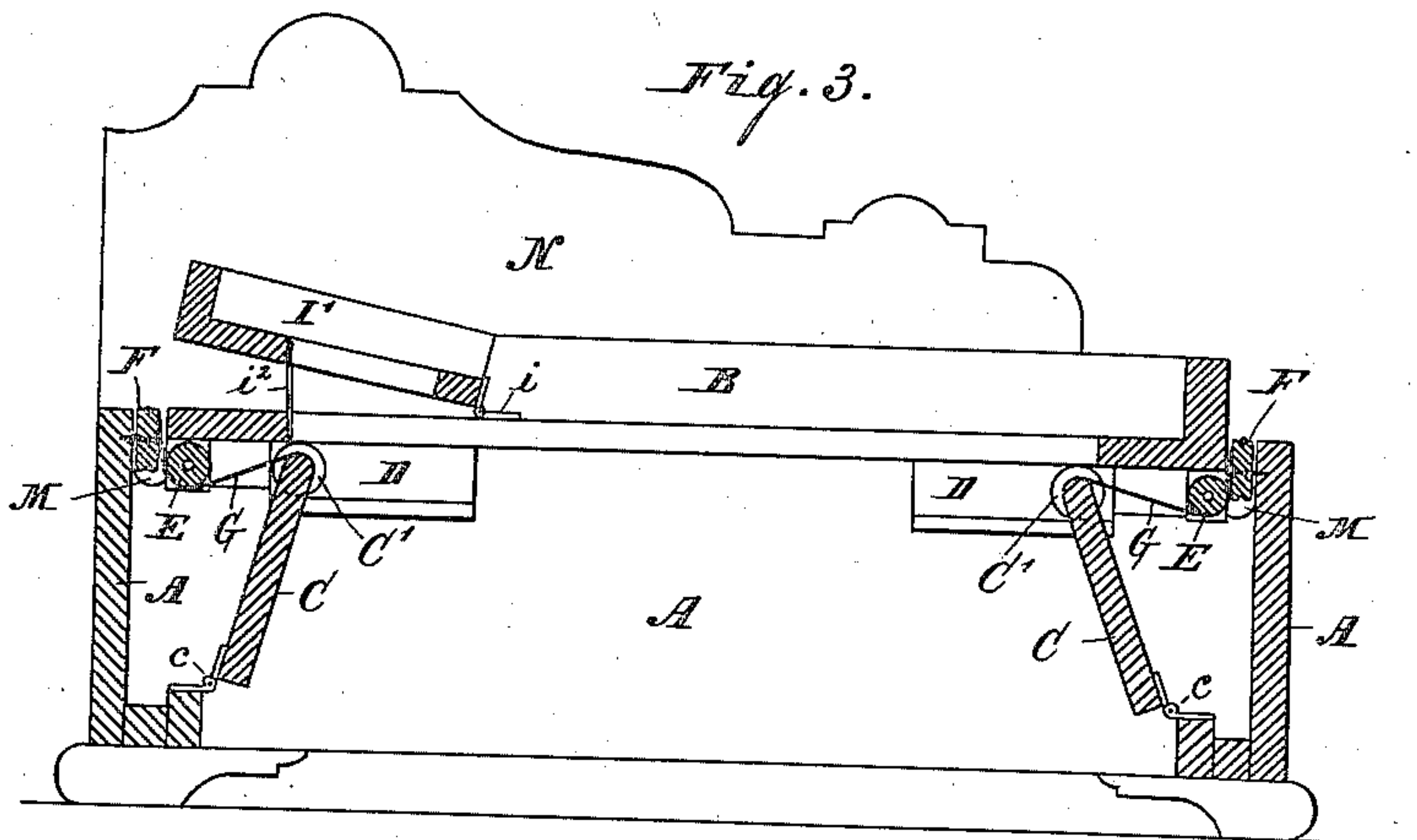
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Bed Lounge.

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UNITED STATES PATENT OFFICE.

JARED B. MARLNEE, OF INDIANAPOLIS, INDIANA.

BED-LOUNGE.

SPECIFICATION forming part of Letters Patent No. 243,383, dated June 28, 1881.

Application filed April 2, 1881. (No model.)

To all whom it may concern:

Be it known that I, JARED B. MARLNEE, of the city of Indianapolis, county of Marion, and State of Indiana, have invented certain new and useful Improvements in Bed-Lounges, of which the following is a specification.

The principal object of my said invention is to produce a bed-lounge which shall open on hinges in the front side, as is most common to such lounges, but which shall also have a solid wooden front up to the line where the upholstering is usually applied on lounges not folding, and at the same time be so constructed as to conveniently receive the bed and bring it into proper position when the lounge is open. This object is accomplished by hinging the two parts of the lounge together at or near the line of the upholstering, as stated, and arranging inside the permanent or bottom portion a vertically-movable frame-work, which shall constitute, in connection with the mattress, &c., thereon, one-half the bed portion, and attaching the same to the top or folding portion by means of cords or equivalent devices which run over appropriate pulleys, and which operate, as the top portion is unfolded, to raise said frame-work to the proper level, all as will hereinafter be more specifically set forth.

Referring to the accompanying drawings, which are made a part hereof, Figure 1 is a perspective view from the front side and head end of my improved bed-lounge when open and in position as a bed. Fig. 2 is a top or plan view thereof when in the same position; Fig. 3, a longitudinal section, looking to the rear side from the dotted line *xx*. Fig. 4 is a transverse vertical section, looking toward the head end from the dotted line *yy*. Fig. 5 is a section on the same line as Fig. 4 when the bed-lounge is closed in position for use as a lounge. Fig. 6 is a section on the same line as Fig. 3 when the lounge is in the position last described; and Fig. 7 is a detail view of the upper portion of the lower end of the lounge from the back side, showing how the leg K serves as a lock.

In said drawings, the portions marked A represent the rigidly-constructed frame-work of the bottom or stationary portion of my folding lounge; B, a vertically-movable frame-work

contained therein, which forms one-half the bed-frame; C, swinging frames, which operate to raise and lower the frames B; D, ways attached to the frames B, in which the rollers or slides C' on the frames C move; E, pulleys attached to the frame B; F, pulleys attached to the frame A; G, cords, wire ropes, or chains attached at one end to the swinging frames C, passing under and over the pulleys E and F, and attached at the other end to the upper or folding portion of the lounge, whereby the unfolding of the lounge operates said swinging frames to raise the frames B; H, the rigidly-constructed frame-work of the upper or folding portion of the lounge, one side of which is adapted to receive the upholstering of the lounge and the other to serve as one-half the bed-frame; I, a section of said bed-frame, attached to the other portion by hinges *i i*, which is adapted to be raised a limited distance as the bed is opened, and thus form a head therefor; I', a similar section attached to the frame-work B; J, a hinged angle-lever by which the sections I and I' are operated; K, a combined lock and leg for the folding portion H, which is hinged at *k*, and is moved back and forth in the slides L, as it is used as a lock or leg, as shown respectively in Figs. 7 and 1; and M, anti-friction trucks on the vertically-moving frame B, whereby the latter is prevented from binding on the frame A.

The operation of my invention is as follows: The sliding lock and leg K is pulled out and the top portion, H, of the lounge swung over outwardly on its hinges H' in the ordinary manner. This portion H, of course, in its movement pulls on the cords G, through them moving the frames C, and thus raising the frame B and that portion of the bed which it sustains to a level with itself.

In the operation of unfolding this lounge and bringing it into bed form the point or corner of the hinged angle-lever J comes in contact with the frame of the lounge, and, being constructed with a joint which prevents it from assuming a straight position, raises up the portions I and I', so that they form a raised head for the bed, as shown. The straps *i² i²*, which are formed of flexible material, act as stays and cause these head-pieces I I' to come

into line with each other, and so remain, although the angle-lever J has but a single point of bearing. In folding back, however, these portions fall into horizontal position, as shown most plainly by Fig. 6.

The two sections of this lounge being hinged together near the top, the head-piece is allowed to be constructed of a height corresponding to that of ordinary lounges not folding.

The back N stops before it reaches the position of the sliding lock K, and the latter is thus allowed to move without hinderance from the former. The projection *k'* engages within the recess *a* in the frame A, and thus locks the folding portion H securely in place when the lounge is not in use as a bed.

The angle-lever J is prevented from assuming a straight position by having two abutting portions, which meet below the pivot when the lounge is open.

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

1. The combination, in a bed-lounge, of the two main portions A and H, hinged together near the top of the lounge, the vertically-movable frame-work B, contained in the lower portion, A, swinging frames C C, which operate to raise said vertically-movable frame-work, and cords connecting said swinging frames to the upper or swinging main portion, H, whereby the unfolding of the lounge will serve to elevate said movable frame-work B and hold it securely in raised position, all substantially as and for the purposes set forth.

2. The combination of the two frames A and H, the movable frame B, the swinging frames

C, bearing slides or trucks C', which engage with the frame B, and the cords G, attached at one end to the swinging frames C and at the other to the folding frame H, and passing around suitable pulleys or bearings, as shown, whereby the unfolding of the frame H operates to raise the frame B, substantially as specified.

3. The combination, in a bed-lounge, with the bed-frames thereof, of the head-pieces I I' and the jointed angle-lever J, whereby said head-pieces are raised up when the lounge is unfolded into bed form, substantially as shown and specified.

4. The combination, in a folding bed, with the raising head-pieces I I', which are operated by a single device, J, of the flexible straps *i*², whereby said head-pieces are brought into line with each other, substantially as set forth.

5. The combination of the two folding parts A and H and hinged and sliding device K, said device K being mounted in slides on the part H and arranged to slide out and fold down when the lounge is open and it is desired for use as a leg, and to swing up and slide back when the lounge is closed, and by means of a projection thereon to engage with a recess in the part A, and thus lock the two parts A and H together, and constituting a combined leg and lock, substantially as and for the purposes specified.

In witness whereof I have hereunto set my hand and seal at Indianapolis, Indiana, this 28th day of March, A. D. 1881.

JARED B. MARLNEE. [L. S.]

In presence of—

C. BRADFORD,
A. H. RILEY.