

(No Model.)

J. REICH.
LOUNGE OR SOFA.

No, 429,956.

Patented June 10, 1890.

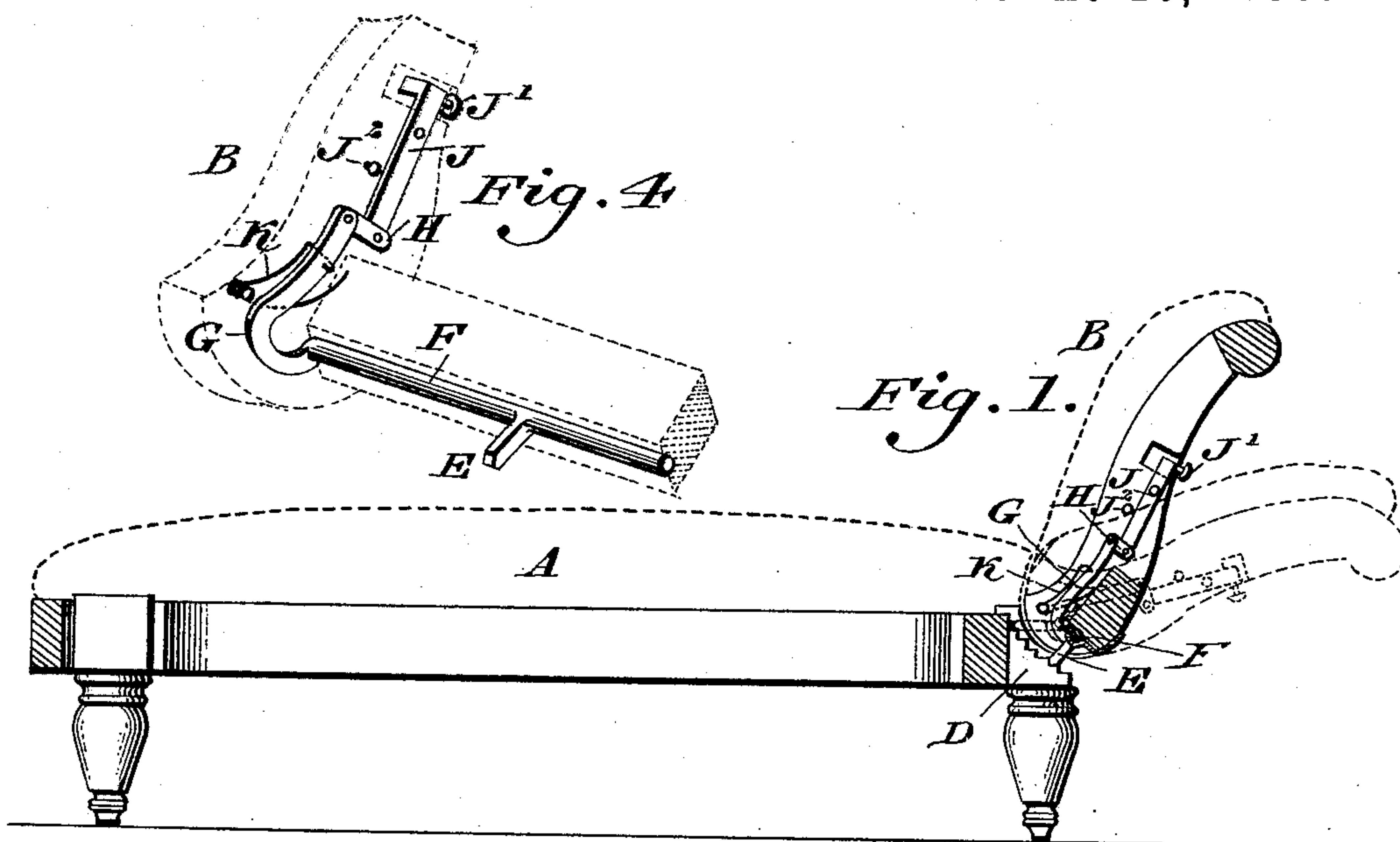


Fig. 2.

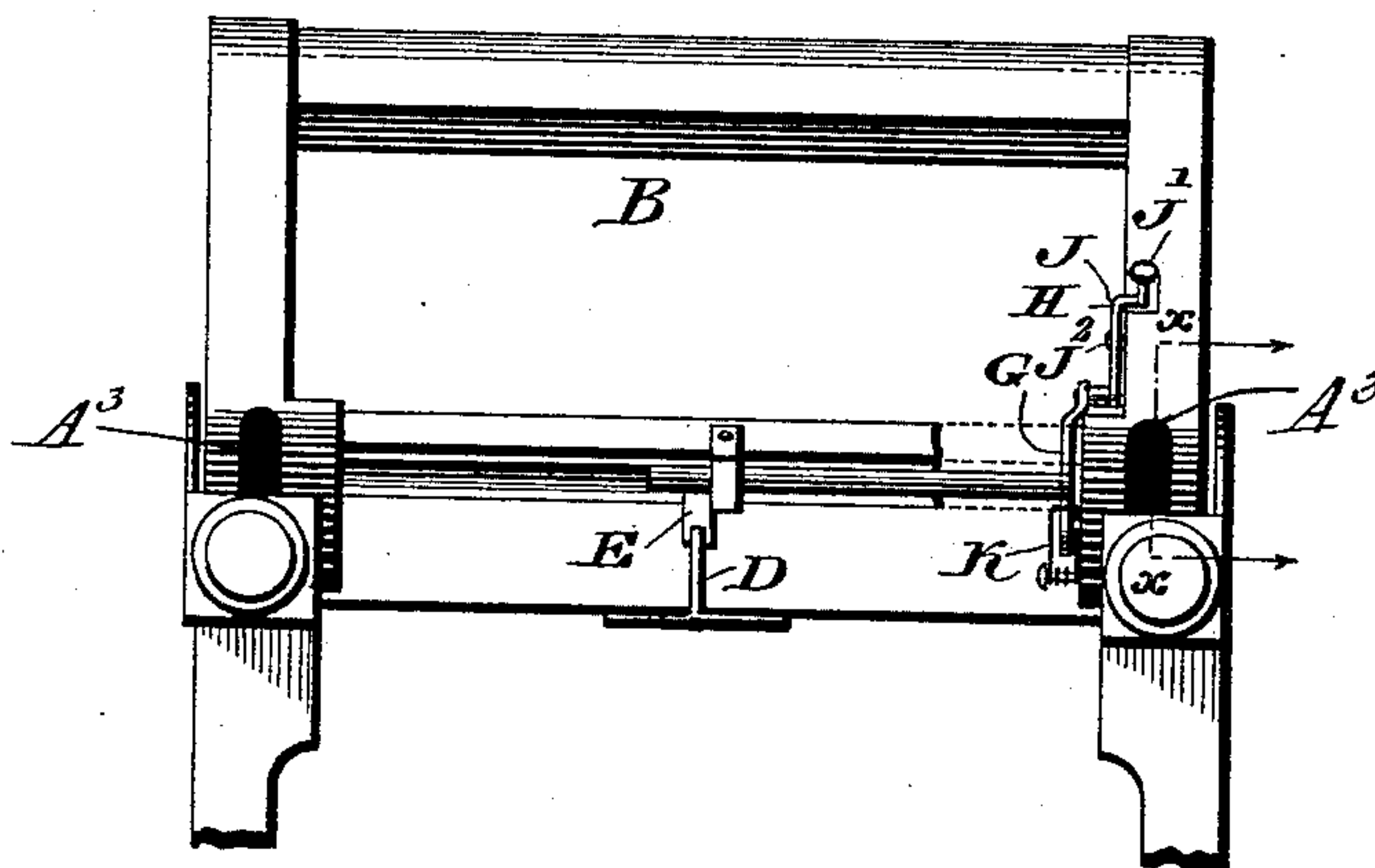
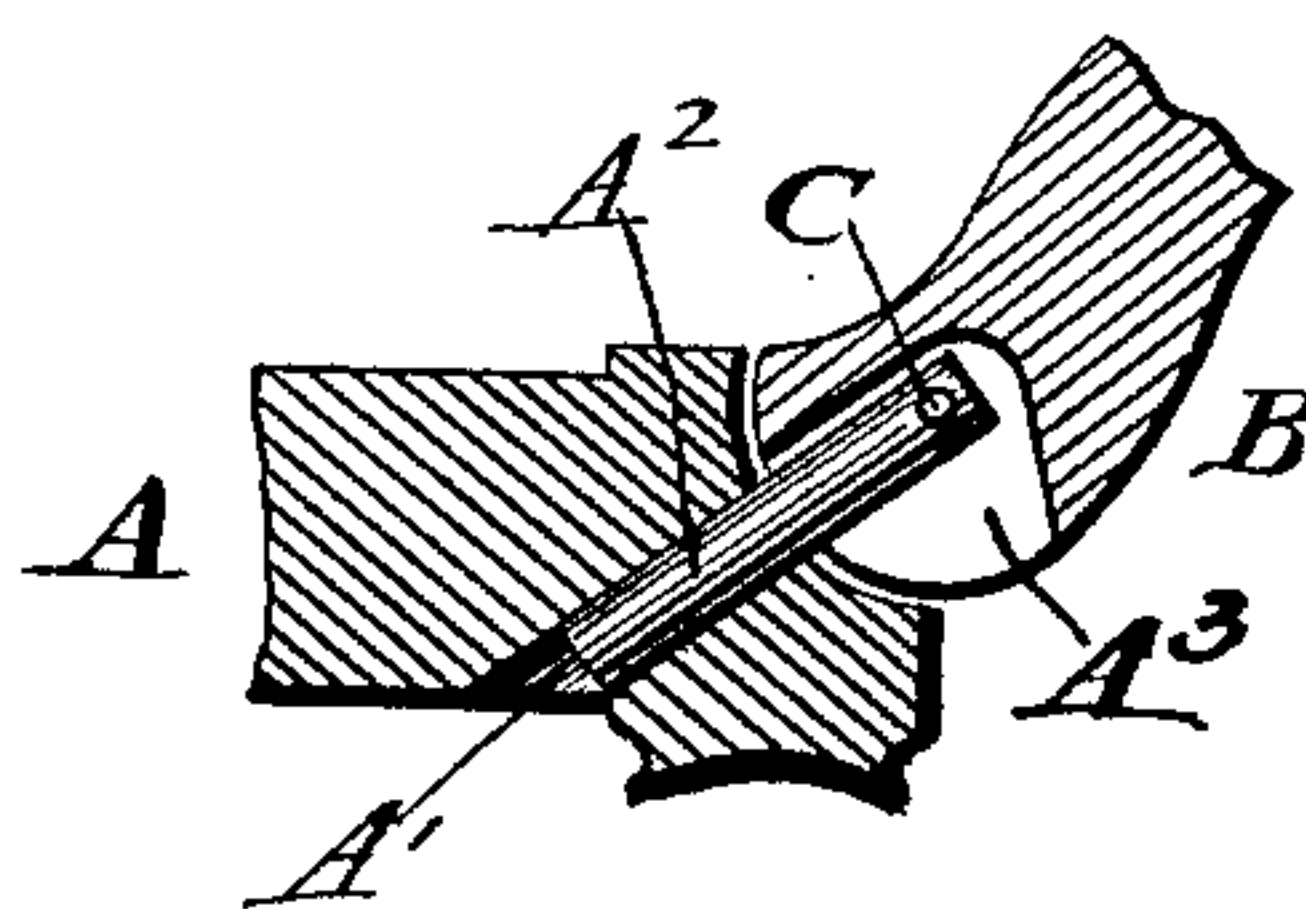


Fig. 3.



WITNESSES:

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LOUNGE OR SOFA.

SPECIFICATION forming part of Letters Patent No. 429,956, dated June 10, 1890.

Application filed October 9, 1889. Serial No. 326,363. (No model.)

To all whom it may concern:

Be it known that I, JOHN REICH, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Lounges or Sofas, which improvement is fully set forth in the following specification and accompanying drawings.

My invention consists of a lounge, sofa, &c., having an adjustable head-rest, a lock for the same, and means for releasing said lock, said means being of simple, inexpensive, and easily-operated construction, as will be hereinafter fully set forth and definitely claimed.

Figure 1 represents a longitudinal vertical section of a lounge embodying my invention. Fig. 2 represents a bottom plan of a portion thereof. Fig. 3 represents a vertical section of a portion on line *x x*, Fig. 2. Fig. 4 represents a perspective view of a portion on an enlarged scale.

Similar letters of reference indicate corresponding parts in the several figures.

Referring to the drawings, A designates a lounge, having a head or arm rest B connected therewith by a pivot C, whereby the same may be raised or lowered, as desired.

In an inclined opening A' in the end of the body A of the lounge is tightly fitted the pin or stud A², the upper end of which passes into the recess A³, formed in the head-rest and has the pivot C passing through the same.

To the end of the body of the lounge is secured a rack D, with which engages a tooth E, the latter projecting from a rock-shaft F, which is mounted transversely on the lower portion of the head-rest, and having secured to it a crank-arm G, which is pivoted to one end of a link H, whose other end is pivoted to a lever J, the latter fulcrumed on the side of the head-rest, and being provided with a knob J' for convenience of operation. The head-rest B is first slightly raised and the knob J' is pressed in, whereby the lever J is operated, thus imparting motion to the link H and crank-arm G, and consequently rotating the shaft F, whereby the tooth E is moved to clear the rack D, thus unlocking the head-

rest and permitting it to be lowered, and when the required adjustment of the head-rest has been obtained the said tooth E is allowed to return to its normal position and engage the rack D. The knob is then let go, whereby the parts are restored to their normal positions, due to the action of a spring K, which bears against the crank-arm G and a proper part of the head-rest, so that the tooth E is held engaged with the adjacent tooth of the rack D and interlocked therewith, whereby the head-rest is firmly retained in adjusted position, it being noticed that the knob of the lever is within convenient reach of the occupant of the lounge. The return motion of the lever J is limited by a stop J² on the head-rest. When the head-rest is raised, the tooth rides freely over the rack until motion of the rest ceases, said tooth, however, by its engagement with the rack preventing the lowering or descent of the rest unless the lever J is properly operated.

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

1. A lounge, sofa, or seat frame having a rack attached centrally thereto, a rest hinged to said frame, a rocking shaft having bearings on said rest and provided with a central tooth to engage said rack, a crank-arm connected with said shaft, and a pivoted lever linked at one end to said crank-arm and having its other end provided with a handle, a spring secured at one end to the rest and bearing against the crank-arm, and a stop secured to the rest and adapted to limit the movement of the lever, said parts being combined substantially as described.

2. A lounge, sofa, or seat having an opening A' therein, a rest B, having a slot A³, whose walls form shoulders, a stud or pin A², having one end fitted in the opening A' and the other end pivoted to the rest B in the slot A³, and forming a stop for said rest by engagement with the walls of the slot A³, and devices for controlling the adjustment of said rest, substantially as described.

3. A lounge, sofa, or seat having an opening therein and a rack D secured thereto, a

rest B, having a slot A³, in which is located
and pivoted a pin or stud A², which is fitted
in the opening A' and engages the walls of
slot A³, a rocking shaft having bearings on
5 said rest and provided with a tooth adapted
to engage said rack, a crank-arm connected
with said shaft, and a pivoted lever linked

at one end to said crank-arm and having its
other end provided with a knob, said parts
being combined substantially as described.

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