

(Model.)

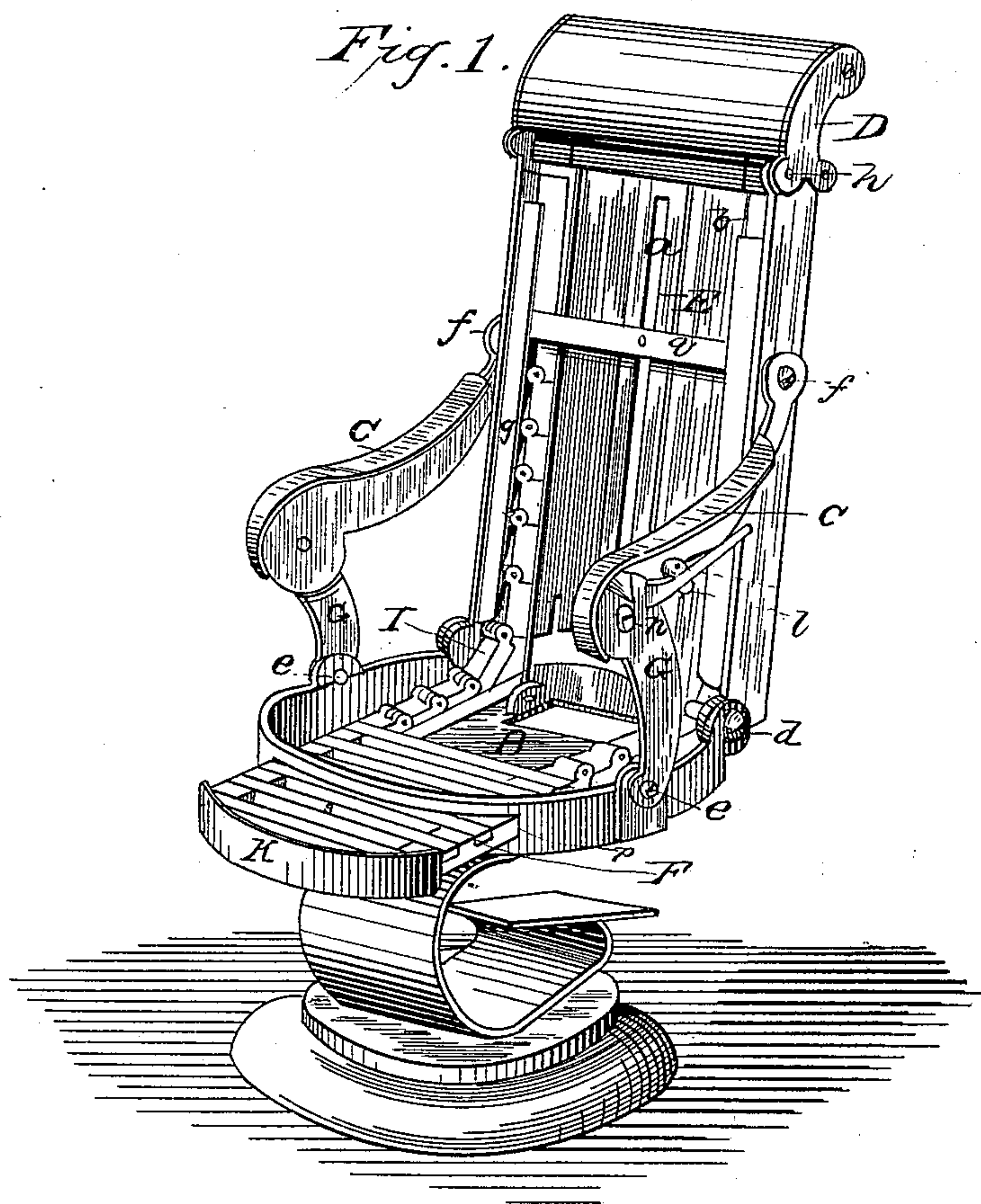
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M. O. BALDWIN.

RECLINING CHAIR.

No. 270,724.

Patented Jan. 16, 1883.



Witnesses:

Deskt. Brson.  
J. H. Kennedy.

*Inventor.*

Marcellus O. Baldwin

(Model.)

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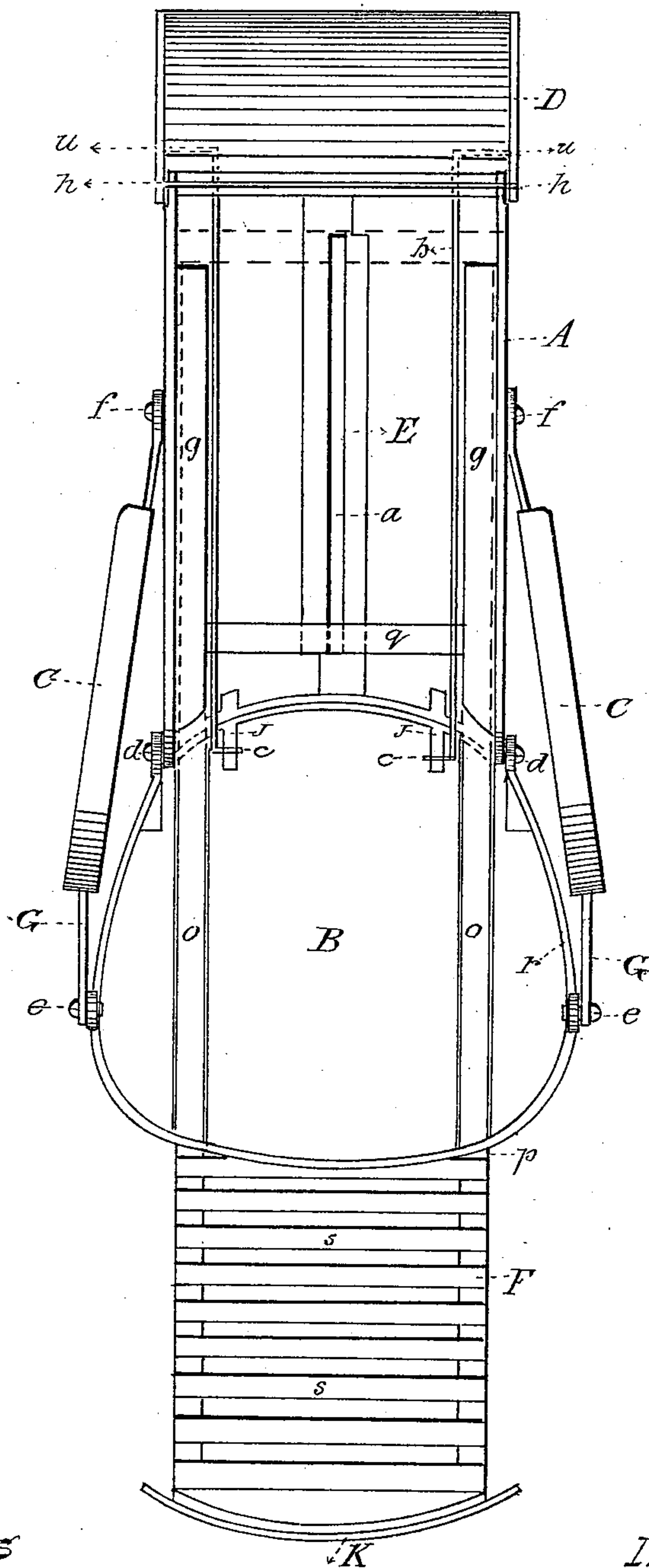
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*Fig. 2.*



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(Model.)

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Fig. 3.

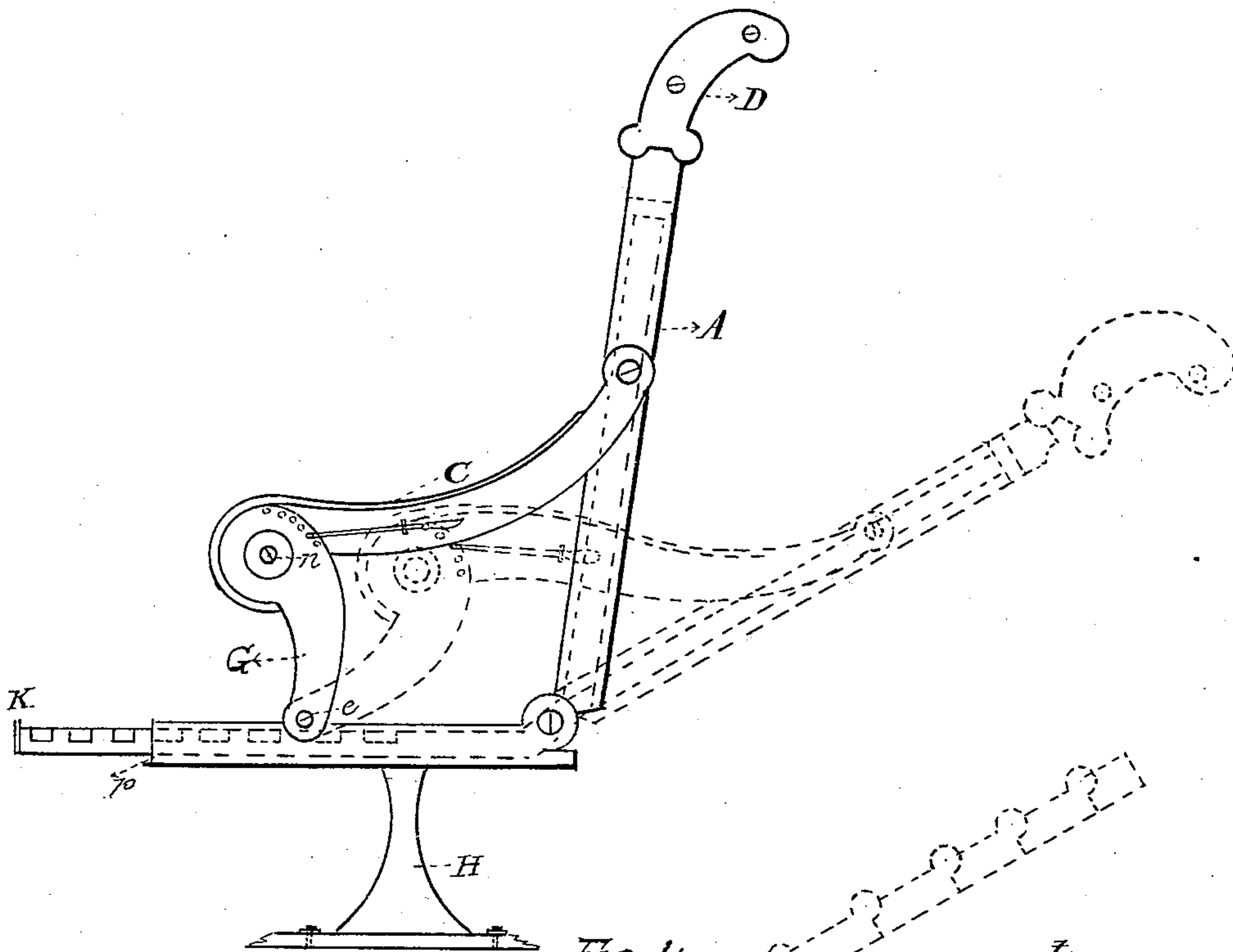


Fig. 4.

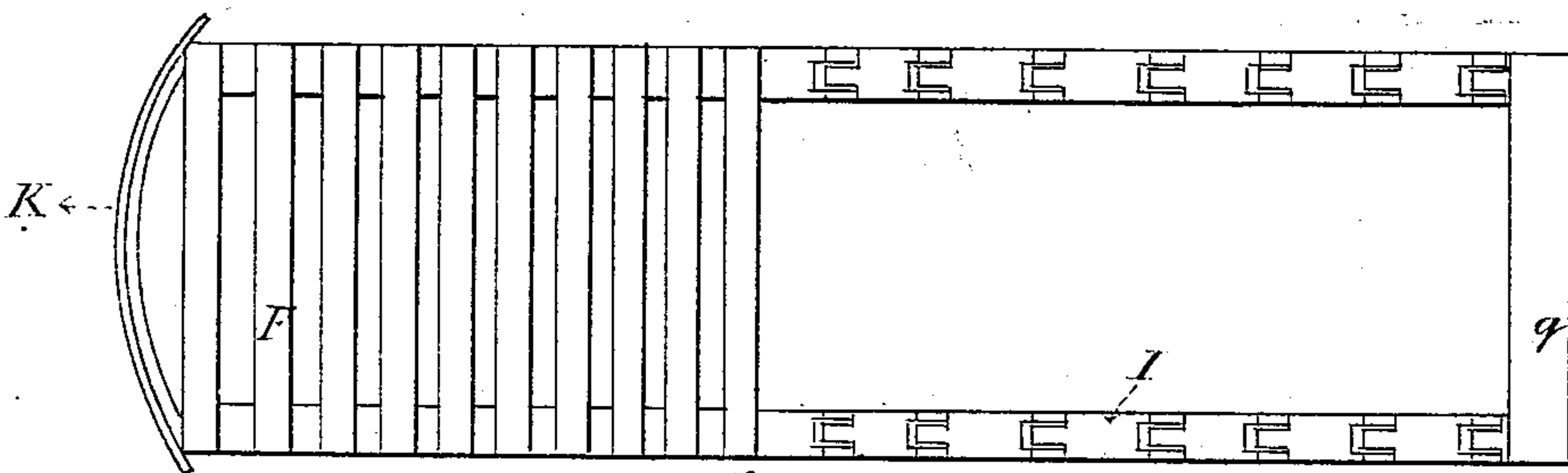
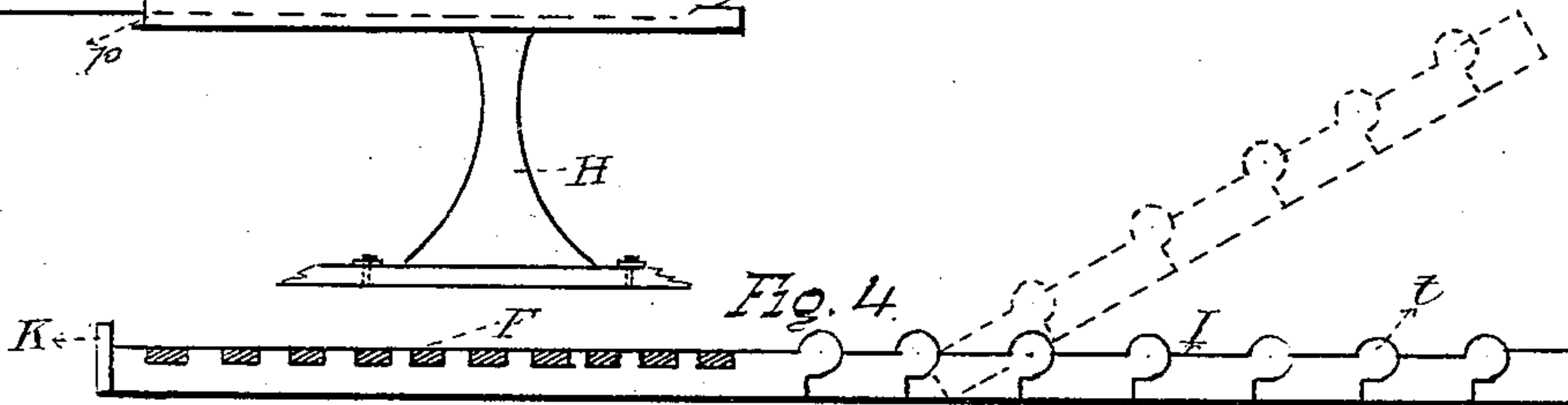


Fig. 5.

Witnesses  
Dakker Berson  
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(Model.)

4 Sheets—Sheet 4.

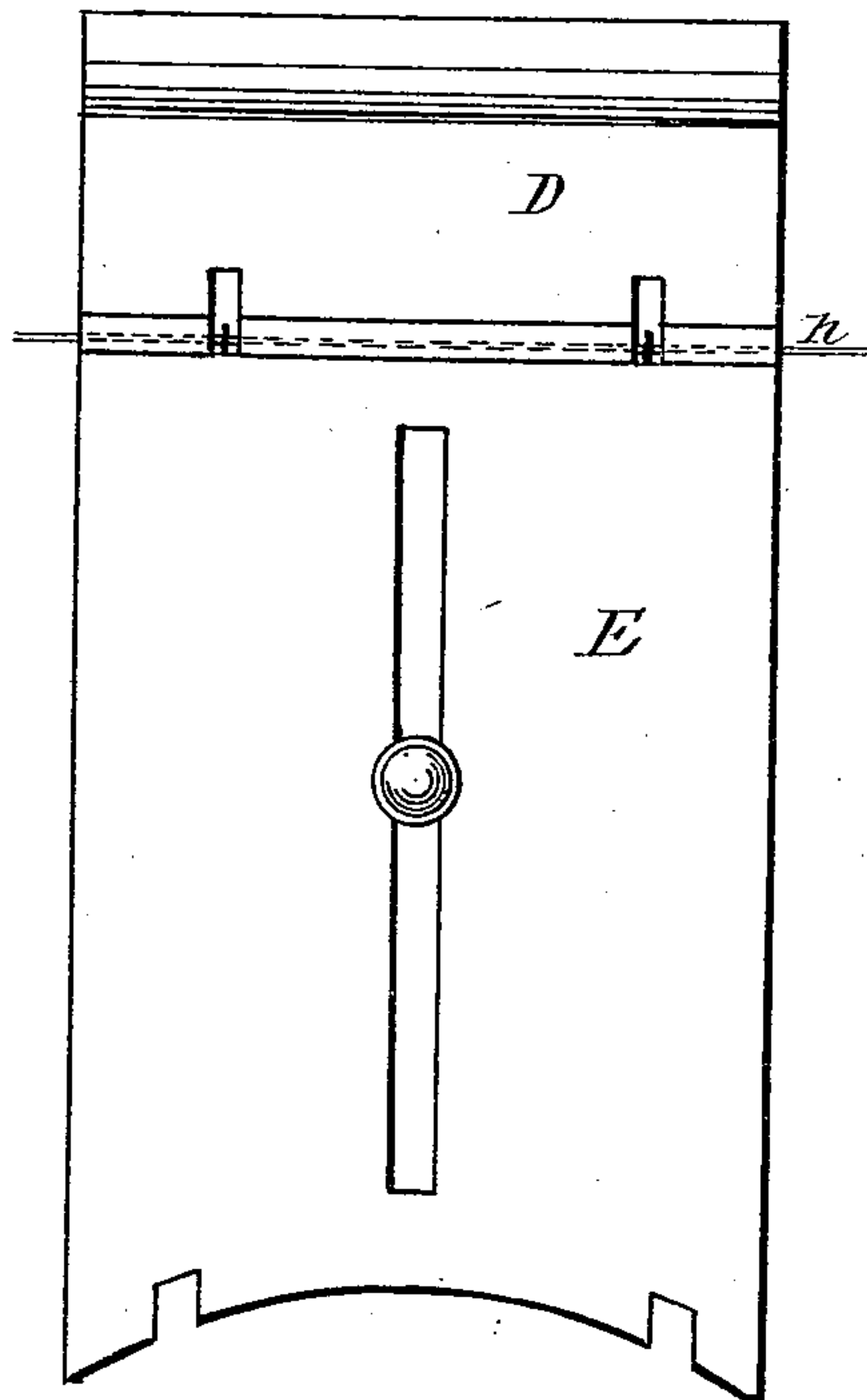
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*Fig 6*



*Witnesses*  
*Deshler Benson*  
*J. H. Kennedy*

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*Marcellus O. Baldwin*



# UNITED STATES PATENT OFFICE.

MARCELLUS O. BALDWIN, OF KANSAS CITY, MISSOURI.

## RECLINING-CHAIR.

SPECIFICATION forming part of Letters Patent No. 270,724, dated January 16, 1883.

Application filed June 10, 1882. (Model.)

*To all whom it may concern:*

Be it known that I, MARCELLUS O. BALDWIN, of Kansas City, in the county of Jackson and State of Missouri, have invented a new and useful Improvement in Reclining-Chairs; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The object of my invention is to afford a novel and convenient reclining-chair with head and foot rest, and so adapted that the declension of the back of the chair may be adjusted from the arm of the chair and will automatically throw the head-rest forward to give increased comfort for the head, and an extension foot-rest which is supported in the same plane with the seat and is returned within and concealed by the chair seat and back when not in use; and it consists, first, in a movable hinged head-rest attached by suitable devices to the chair-seat, and the means for throwing said head-rest forward by an opposite declension of the chair-back when extended; second, in the arrangement horizontally of the foot support and its flexible extension within the chair seat and back; third, in the arrangement of the slotted plate in the back of a chair to regulate the extension of the foot-rest and its easy adjustment in line with the chair-seat; fourth, in the means for securing the foot-rest from free movement or in a fixed position when extended.

In the drawings, Figure 1 is a perspective view of the chair. Fig. 2 is a front view of the chair, showing its several parts with its back and foot-rest extended as in use. Fig. 3 is a side elevation of the chair. Fig. 4 is a side view of the extension foot-rest. Fig. 5 is a plan view of the foot-rest and flexible extension of the same. Fig. 6 is a rear view of the back of the chair, showing the means for holding the foot-rest from movement.

A A are the ordinary braces to a chair, and joined to the seat-frame *r* by pivots *d d*.

B is the seat of the chair, having frame *r* slotted at *p* to receive the extension foot-rest F.

C is the arm of the chair, pivoted to the chair-back at *f* and to the standard G at *n*.

D is the head-rest, pivoted upon rod or bar *h*, which passes through the chair-back.

E is a slotted plate secured to the back of the chair, or forming part of said chair-back, and having slot *a* to receive the bolt or thumb-screw connection on plate *q*.

F is the foot-rest, having cross-pieces *s s* and extension I, constructed with flexible joints *t*.

G is a standard attached at *n* to the arm and at *e* to the side of the chair.

H is a chair-support to which the seat is attached.

K is a plate on foot-rest F for concealing slot *p* in the chair-seat.

*b* is a rod or bar attached to the head-rest at *u* and to the chair-frame at *c* by means of projections *j*.

*g* is a plate forming a slot or guide for the flexible extension of the foot-rest.

*o o* are slots or guides in which foot-rest F is held within the seat.

*i* is a thumb-screw or bolt secured to the plate *q* on the foot-rest.

Similar letters of reference indicate corresponding parts.

In the declension of the chair-back a rigid rod or bar, *b*, is hinged to the head-rest at a suitable distance in rear of its connection within the back of the chair to afford the requisite leverage and concealment, and also rigidly connected in a parallel line with the back to the seat. By this means the upper end of the head-rest is thrown forward automatically, in the declension of the back, with economy of space, and in this result a more useful and practical adjustment of the head-rest is attained.

The seat of the chair-frame *r* is formed with a lateral opening, *p*, to a certain width to receive the foot-rest F. To maintain the said foot-rest, when extended, always in the same horizontal plane with the chair-seat, I form across the said seat suitable guideways, *o*, in the direction of the back of the chair, in which the foot-rest moves. In the back of the chair similar guides, *g g*, are formed, and may be attached to the side of the chair-back. The foot-rest as far back as the depth of the seat is made of rigid materials, and may have cross-bars to strengthen the same, as seen at *s*. The rear flexible extension end of the foot-rest, which is designed to be concealed by or enter the chair-back when closed, I form with a number of stop-joints, *t*, which, when extended into the guides on the back of the chair, will



pass the curved projection at the lower end of guides *g* and enter said guides either vertically or at any angle in which the chair-back may be adjusted. In extending the foot-rest outwardly each joint is held by the stop *x*, in following guides *g g*, in the same plane with the rigid portion of the foot-rest. The stops may be extended across the flexible extension of the foot-rest, or constructed of separate pieces hinged in a suitable way to accomplish the same results.

To withdraw the foot-rest into the back of the chair, as indicated by dotted lines, a plate, *E*, is attached perpendicularly to the chair-back and slotted to receive a bolt or thumb-screw attached to the plate *g* of the flexible end of the foot-rest. I am enabled thereby to extend the foot-rest at any relative distance horizontally to the width of a chair-seat or withdraw the same from view. This seat may be extended in width to afford all the conveniences of a lounge or bed without any modifications.

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

1. In a reclining-chair having an adjustable back hinged to the back of the seat and an adjustable head-rest hinged at its anterior and lower part to the back of the chair, the combination of an independent rigid rod or bar

pivoted directly to the lower posterior part of the head-rest, and also to the back of the chair-seat in a parallel relation to the chair-back and within the same, for the purpose described. 35

2. In a chair provided with a foot-rest arranged to slide under the seat in suitable guides, the combination of a rear flexible extension adapted to form a rigid connection with and a support to the foot-rest when the latter is extended, for the purpose set forth. 40

3. In combination with the seat and back of a chair hinged together and provided with grooves, a foot-rest provided with a rear flexible extension, whereby said foot-rest may slide in said grooves in the seat and back when the back is erect or inclined at any angle, as shown and described. 45

4. In combination with the seat and back of a chair hinged together and provided with grooves, and a foot-rest provided with a rear flexible extension which is adapted to enter said grooves in the seat and back when the back is erect or inclined at any angle, a locking device constructed with the rear flexible extension of the foot-rest and the back of said chair, for the purpose described. 55

MARCELLUS O. BALDWIN.

Witnesses:

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