

C. S. Buck, & J. Lovett.

# Adjustable car seat.

117599 PATENTED AUG 1 1871

Fig. 1.

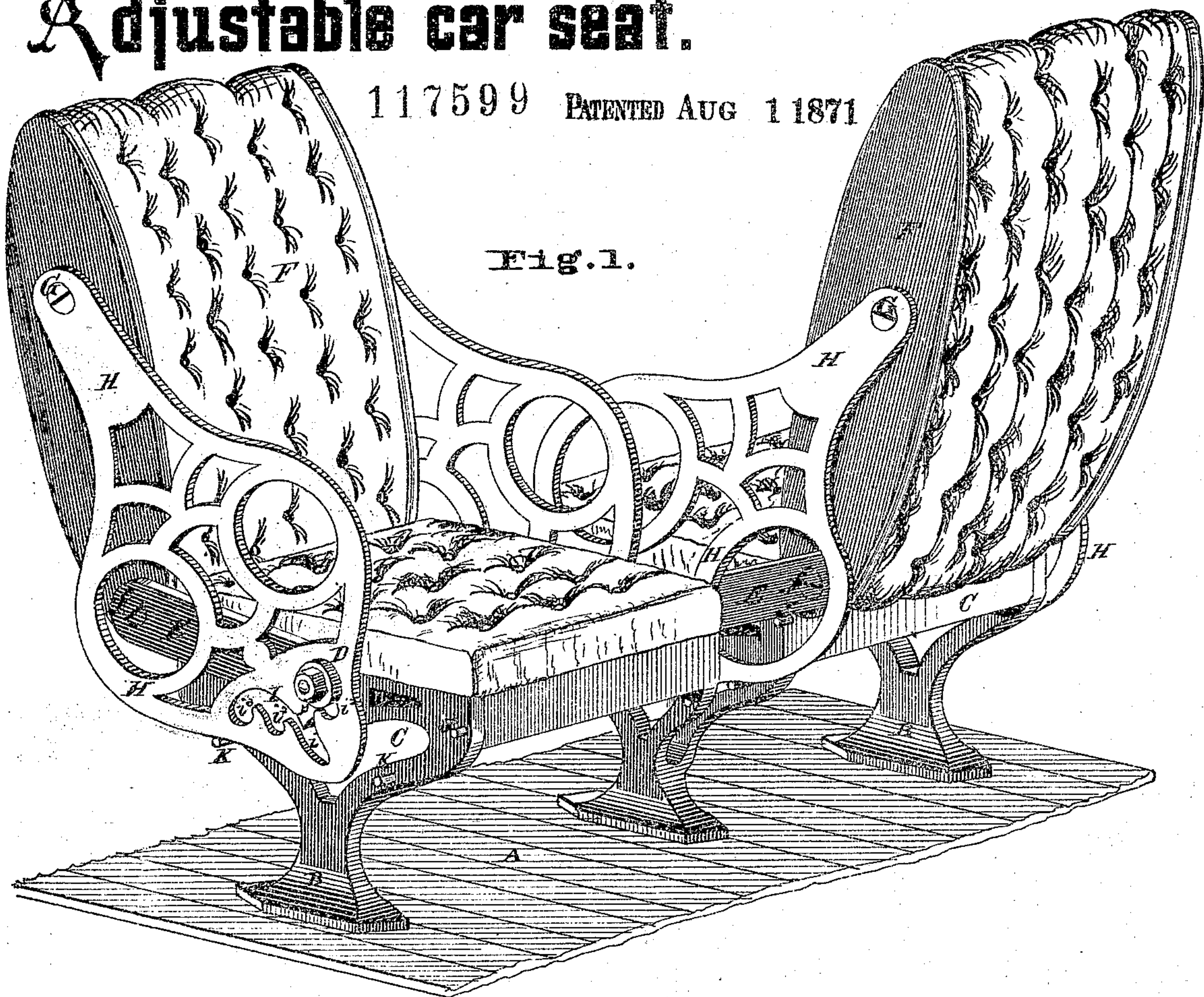


Fig. 2.

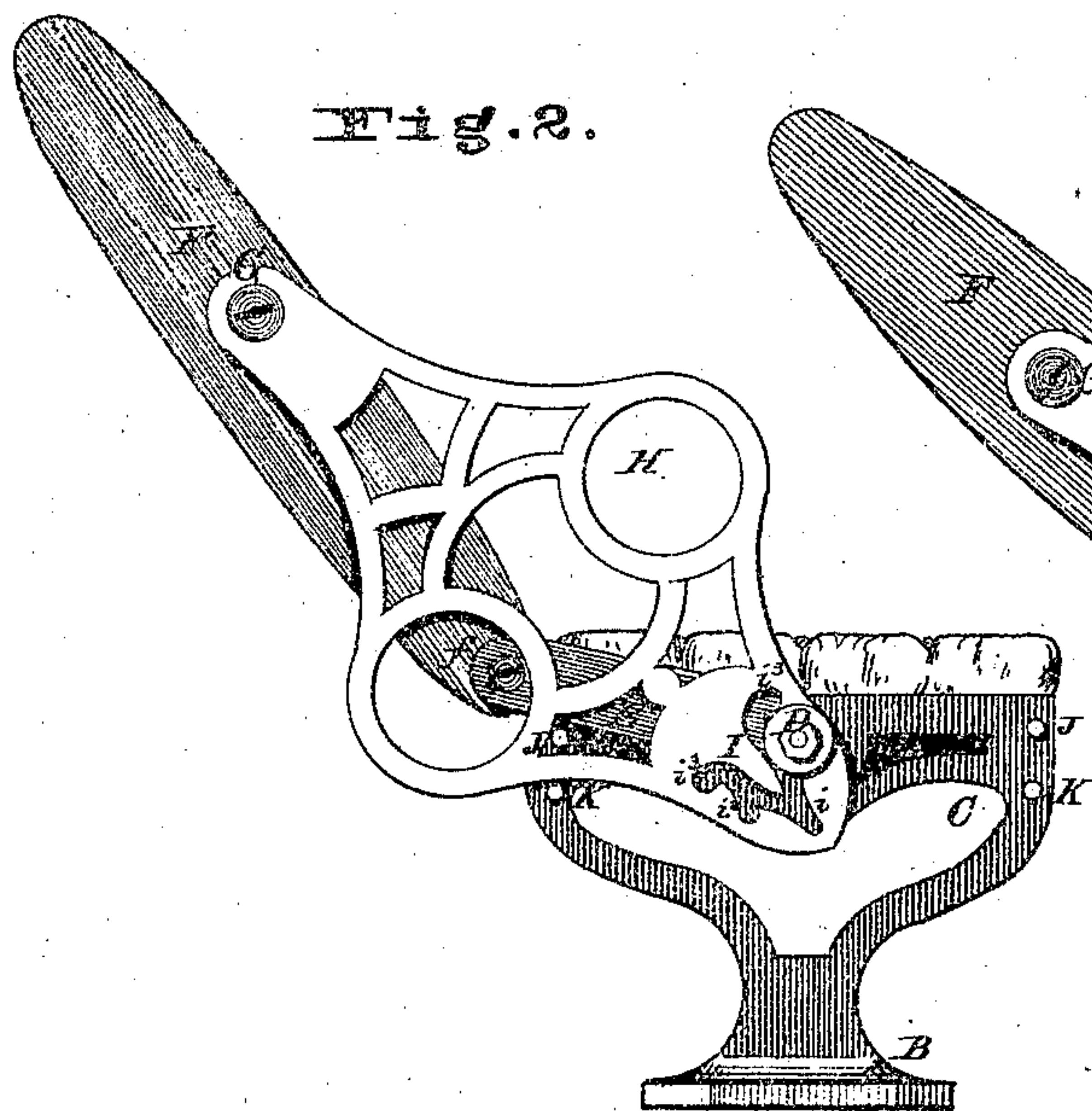
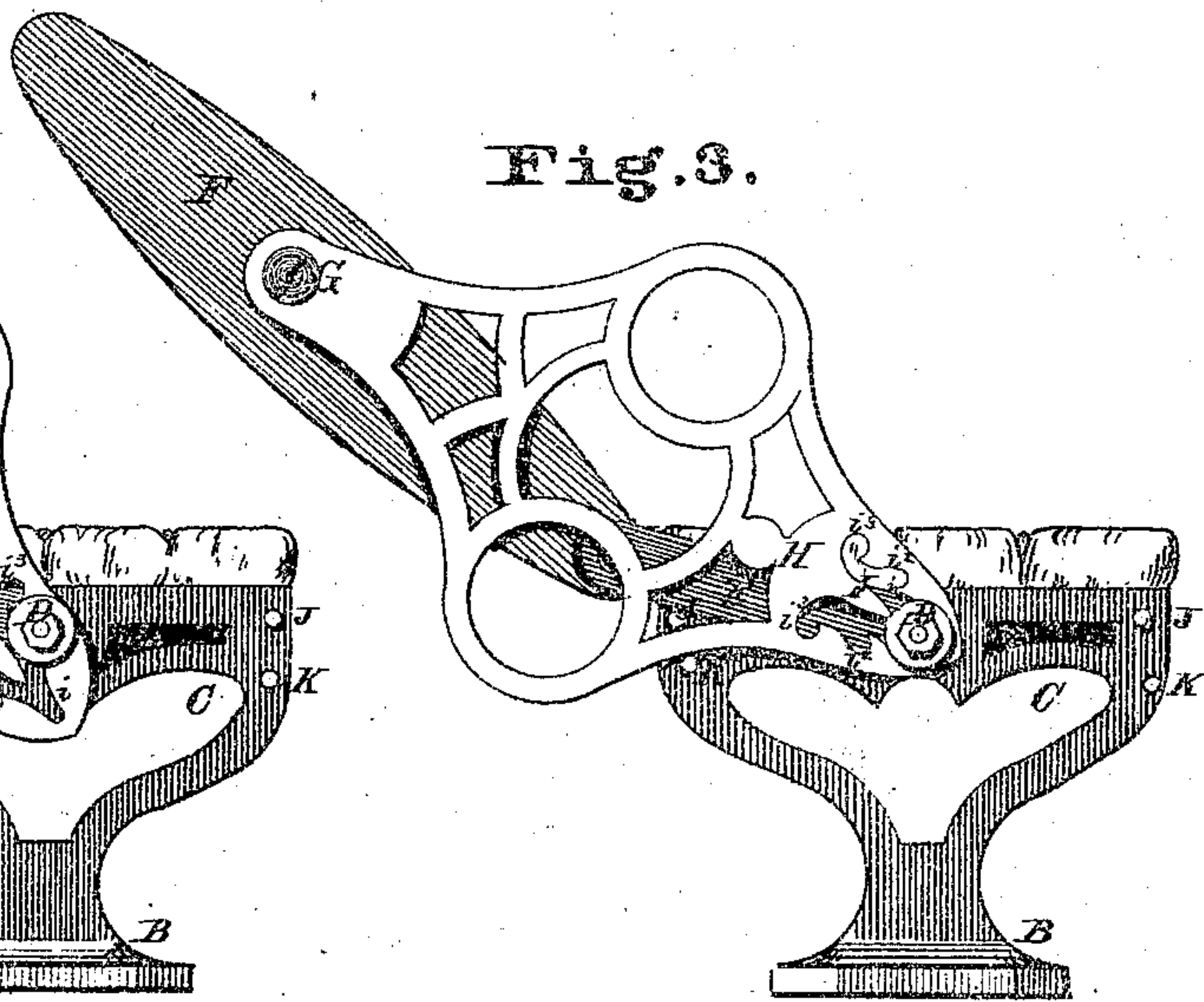


Fig. 3.



Attest.

Jas. L. Ewin  
Walter Allen

Inventors.

Chauncey S. Buck  
James Lovett  
By Knight Bros. Atty.



# UNITED STATES PATENT OFFICE.

CHAUNCEY S. BUCK AND JAMES LOVETT, OF ST. LOUIS, MISSOURI.

## IMPROVEMENT IN ADJUSTABLE SEATS FOR RAILWAY CARS.

Specification forming part of Letters Patent No. 117,599, dated August 1, 1871.

*To all whom it may concern:*

Be it known that we, CHAUNCEY S. BUCK and JAMES LOVETT, both of the city and county of St. Louis, and State of Missouri, have invented an Improved Adjustable and Reversible Seat for Railway Cars, of which the following is a specification:

Our invention relates to that class of car-seats having a reversible back adjustable so as to form a reclining-chair or a couch. Our invention consists in the link or shackle-connection between the lower end of the back and the seat-frame, and the construction and arrangement of the brace-arms, whose upper ends are pivoted to the back, and whose lower ends have adjustable connection to the same pivot-pin by which the shackle is connected to the seat, so as to regulate the inclination of the back.

Figure 1 is a perspective view of a pair of our car-seats, the backs being in the most upright position. Figs. 2 and 3 are side elevations, in which the back is shown at different inclinations.

A is the car-floor, to which the seats are attached by their bases B. C is the seat-frame, having at each side a pivot-pin, D. E are links or shackles, pivoted to the frame by the pin D, and connected to the lower end of the back by a pivot, *f*. G are pivot-pins, by which the arms H are connected to the back F. I is a somewhat V-formed aperture in the arm, having around its margin a number of rounded notches, *i i<sup>2</sup> i<sup>3</sup>*, formed to receive the pivot-pin D to hold the back at different inclinations, as shown in the Figs. 1, 2,

and 3. J are studs upon which rest the links or shackles E. K are somewhat longer studs upon which rest the arms H. The arms may be made in any form desired, so that the notches *i i<sup>2</sup> i<sup>3</sup>* and the portions of the frame resting upon the studs bear the proper relative position to each other and to the pivot *f*, so as to retain the back in the required positions. The arms may be a mere frame without elbows, or may be upholstered in any way desired.

Supposing the back to be in the position shown in Fig. 1 and it is desired to place it as in Fig. 2, the back is slightly drawn forward and the arms raised so as to bring the pins D out of the notches *i<sup>3</sup>*, and, the back being then inclined further backward, the pin D enters the notches *i<sup>2</sup>*, which leaves the back as shown in Fig. 2. In the same manner the back may be adjusted in the position shown in Fig. 3, the pin D then occupying the notch *i*, and when in this position the back may be swung over into a reversed position.

We claim as our invention—

The combination of the reversible link or shackle E, seat-back F, arms H I *i i<sup>2</sup> i<sup>3</sup>*, and studs J K, arranged substantially as set forth.

In testimony of which invention we have hereunto set our hands.

CHAUNCEY S. BUCK.  
JAMES LOVETT.

Witnesses:

SAML. KNIGHT,  
WINSLOW BUCK.