

(No Model.)

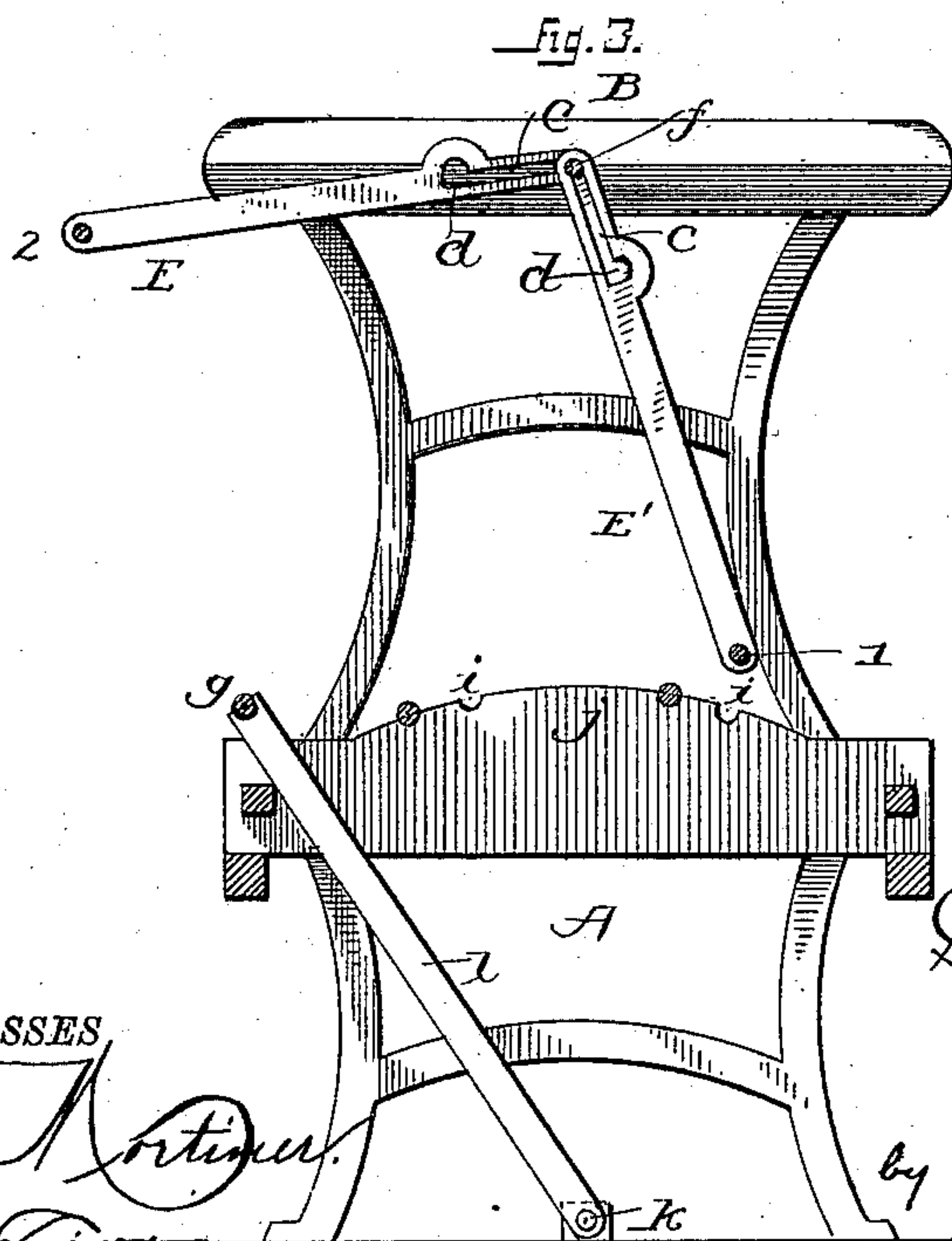
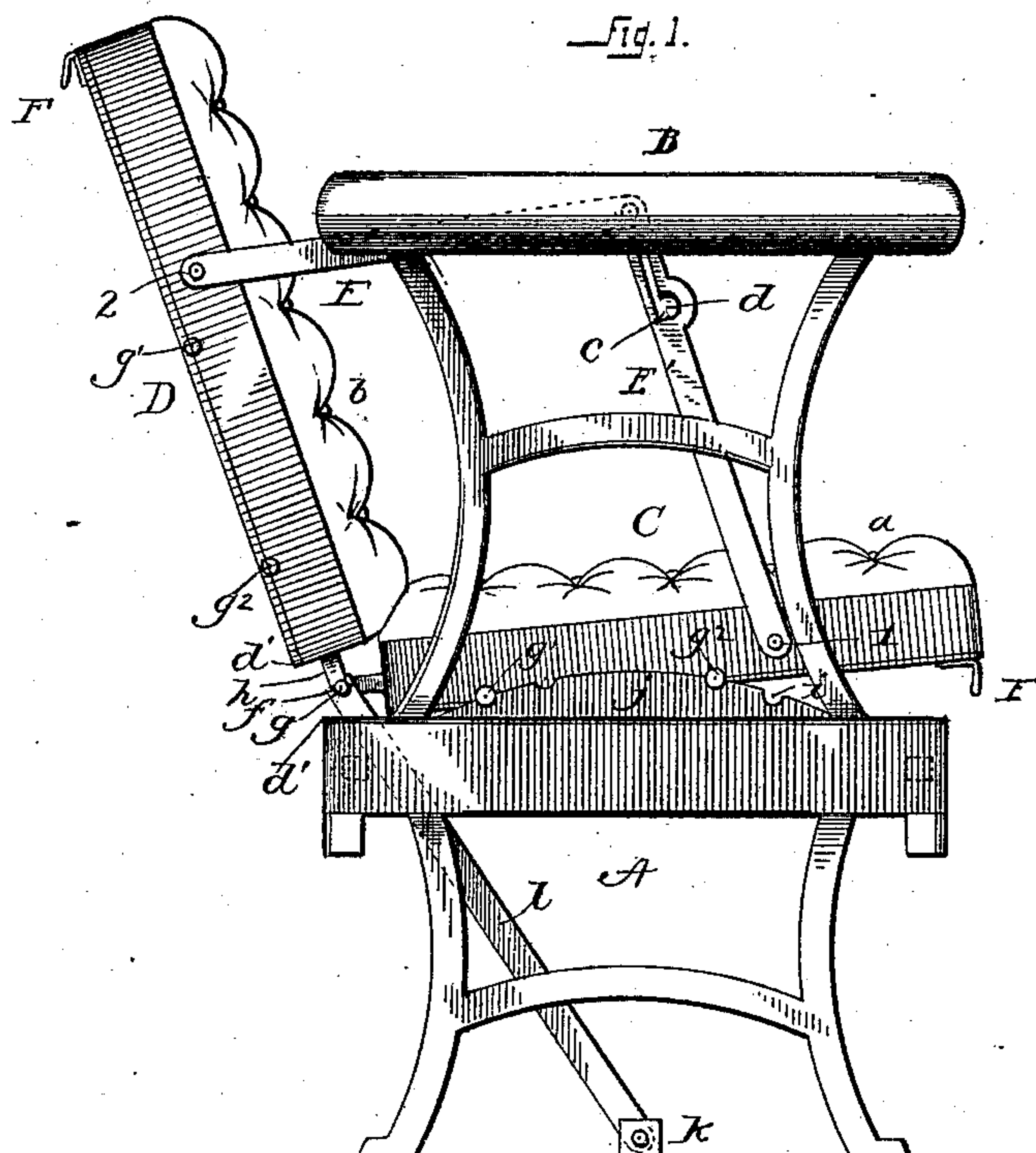
2 Sheets—Sheet 1.

G. HARVEY.

CAR SEAT.

No. 360,961.

Patented Apr. 12, 1887.



WITNESSES

W. W. Hartman,
Wm. J. Rittner,

George Harvey,
INVENTOR

by J. R. Rittner,
Attorney.

(No Model.)

2 Sheets—Sheet 2.

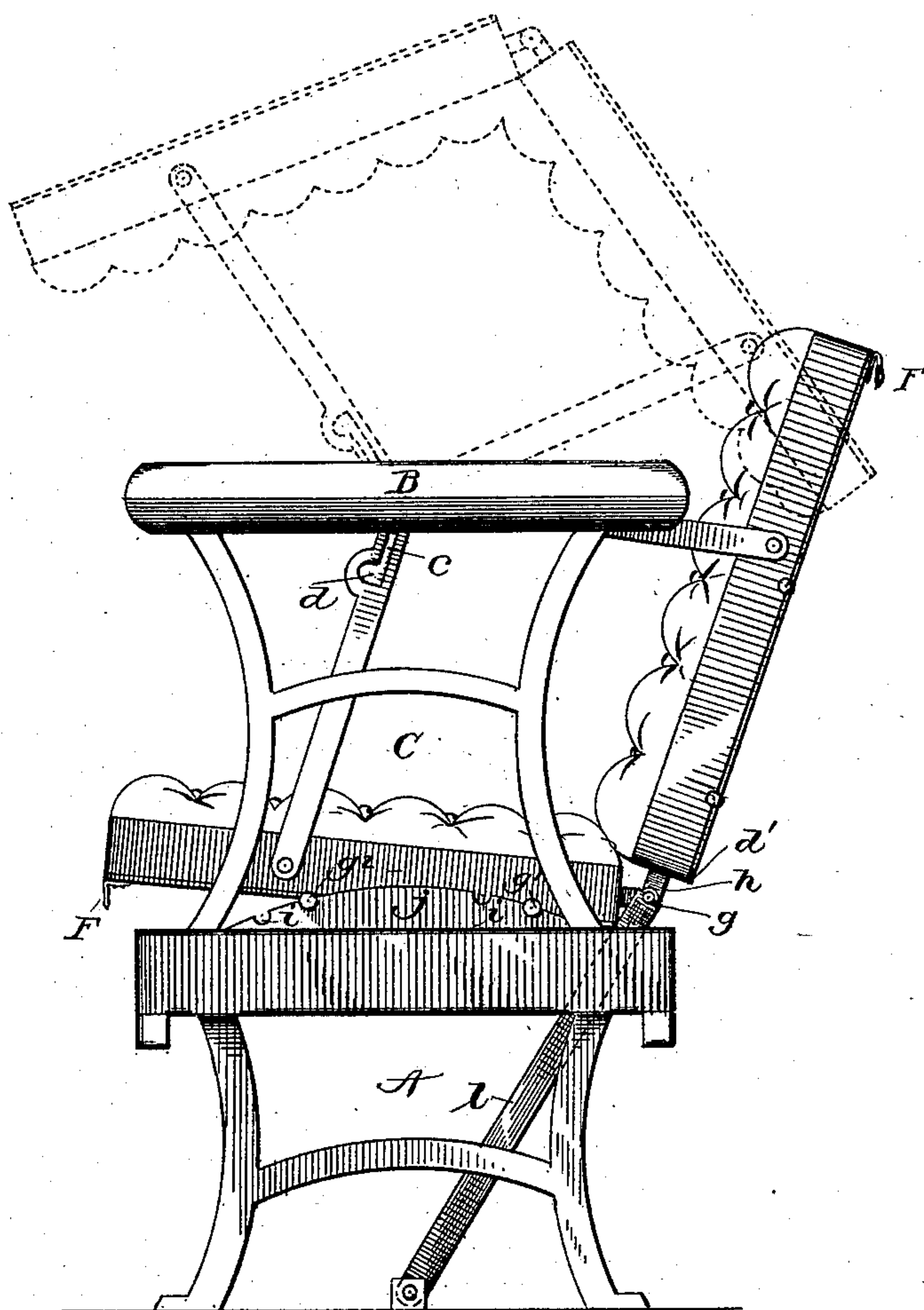
G. HARVEY.

CAR SEAT.

No. 360,961.

Patented Apr. 12, 1887.

Fig. 2.



WITNESSES

W. W. Mortimer.
Chas. J. Ritten,

George Harvey,
INVENTOR

by J. R. Ritten,
Attorney

UNITED STATES PATENT OFFICE.

GEORGE HARVEY, OF WINNIPEG, MANITOBA, CANADA.

CAR-SEAT.

SPECIFICATION forming part of Letters Patent No. 360,961, dated April 12, 1887.

Application filed November 5, 1886. Serial No. 218,083. (No model.)

To all whom it may concern:

Be it known that I, GEORGE HARVEY, a subject of the Queen of Great Britain, residing at Winnipeg, in the Province of Manitoba and Dominion of Canada, have invented certain new and useful Improvements in Car-Seats; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to car-seats; and it consists in the construction and arrangement of parts, as will be more fully described and claimed, whereby the seat proper and back may be reversed to make the seat comfortable for summer or winter use.

In the drawings, Figure 1 is an end elevation of a car-seat embodying my invention. Fig. 2 is an end elevation showing the seat proper and back in position to be reversed, and Fig. 3 is a detail view.

Corresponding parts in the several figures are denoted by the same letters of reference.

Referring to the drawings, A represents the supporting-frame, and B one of the arm-rests secured thereto and extended upwardly therefrom.

C represents the seat proper, and D the back of the car-seat. The seat proper and back are each provided on one side with cushions *a b* and on their other or opposite sides with a covering of cane, veneer, or the like.

E E' represent rods or arms, which are pivotally connected with the seat proper and back at the points 1 2. The inner ends of these rods or arms have elongated slots *c*, which are provided at one end with one or more notches, *d*. By this arrangement it will be seen that the inclination of the back may be varied to suit the pleasure of the user.

The seat proper and back are connected at their inner ends, *d*, by a hinge or joint, *f*, which permits the position of the seat proper and back to be reversed, so that either the cushioned or cane surfaces may be used. This hinge or joint may consist of a rod or bar, *g*, having prongs or staples *h* pivoted thereon and adapted to engage the edges of the seat proper and back.

Projecting outwardly from the ends of the

seat proper and back are lugs *g' g''*, which are located near the inner edges, *d'*, and said lugs are adapted to engage recesses *i* in a segmental strip, *j*, secured to the supporting-frame B, and thus support the seat in its proper position with relation to the back. The rod or bar *g* is extended and pivoted at its lower end in a socket, *k*. Secured to the floor of the car is a bar, *l*, having a socket at its upper end to engage said rod *g*.

F represents straps secured to the seat proper and back at their inner edges, and also at the upper end of the back and outer end of said seat proper.

The operation of my invention is as follows: When the seat proper and back are to be used with the cane surfaces, they are raised, by means of one of the straps F, to the position shown by dotted lines in Fig. 2, and lowered at their meeting edges, which action is allowed by the hinge or joint *f*, and in this manner the cane surface exposed for use. When the direction of travel of the car is to be changed, the seat may be reversed by lifting the seat forward and upward, so that the back will occupy the position of the seat and the seat the position of the back.

A car-seat constructed as thus described may be manufactured at a cost only slightly in advance of those in ordinary use, and is thoroughly durable and easily operated.

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

1. A car-seat comprising a seat proper and back, these sections being pivotally connected together and with the frame and being reversible, each section being provided on one side with cushions and on the other side with a covering of cane or the like, whereby when the sections are adjusted the said cushions or cane surfaces will be relatively brought into use, substantially as set forth.

2. The combination, with a supporting-frame, of a seat proper and back connected by a joint at their adjoining edges and pivotally connected with the frame, each having outwardly-extending pins, and segment-strips secured to the frame, and having recesses to receive said pins, as set forth.

3. The combination, with a supporting-

frame, of a seat proper and back connected at their inner edges by a hinge-joint, and a rod pivoted to the floor and adapted to engage the joint, as set forth.

- 5 4. The combination, with a supporting-frame, of a seat and back, rods pivotally secured to said seat and back, and having elongated slots formed with notches, and a pin for

pivotally connecting said rods with the arm-rests of the supporting-frame, as set forth. 10

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE HARVEY.

Witnesses:

ORANGE HEZEKIAH CLARK,
ALBERT MONKMAN.