

(No Model.)

G. A. CLAPP.
OPERA CHAIR.

No. 509,196.

Patented Nov. 21, 1893.

Fig:1.

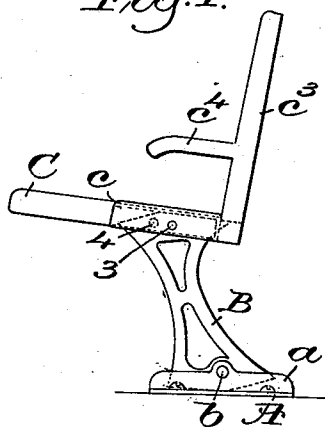


Fig:3.

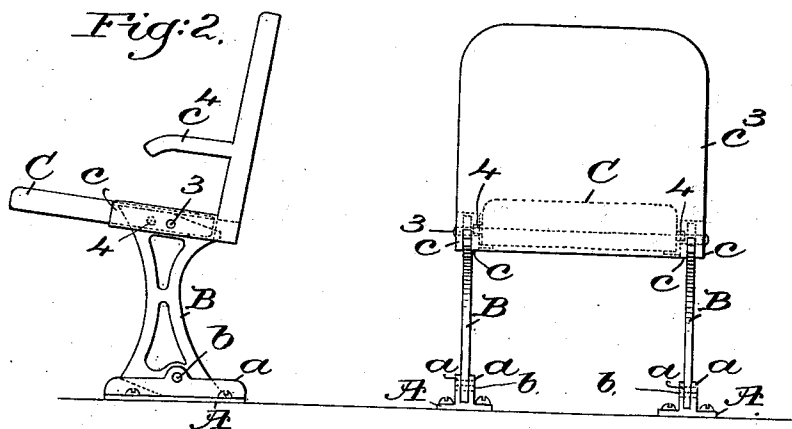
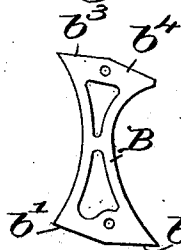


Fig:4.



Witnesses.

Louis M. Howell.

Fred S. Grumbaf.

Inventor:

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by Crosby & Gregory
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UNITED STATES PATENT OFFICE.

GEORGE A. CLAPP, OF QUINCY, MASSACHUSETTS.

OPERA-CHAIR.

SPECIFICATION forming part of Letters Patent No. 509,196, dated November 21, 1893.

Application filed June 19, 1893. Serial No. 478,089. (No model.)

To all whom it may concern:

Be it known that I, GEORGE A. CLAPP, of Quincy, county of Norfolk, State of Massachusetts, have invented an Improvement in Opera-Chairs, of which the following description, in connection with the accompanying drawings, is a specification, like letters and figures on the drawings representing like parts.

This invention has for its object to provide
10 a novel opera chair which may be readily moved back by the occupant of the chair without rising from it, to enable a person to pass.

In theaters and other public places where an audience is seated for a performance it is
15 very desirable to use as little space as possible for each chair, and as such chairs are now made, a person occupying a chair is obliged to rise and tip up the seat of the chair in order to let another person pass to a seat in the
20 same row. I have aimed to so support the chair seat that it may tip upon its frame, and also be pushed back away from a row of chairs in front, to thus afford a gangway of sufficient size to let a person pass without seriously in-
25 commoding the occupant of the seat. In accordance with my invention the seat-frame is mounted on rockers, as will be described.

Figure 1, in side elevation shows a chair embodying my invention, the chair being in
30 its normal forward position, with seat down; Fig. 2 a like view with the seat pushed back; Fig. 3 a rear view of the chair; and Fig. 4 shows one of the legs detached.

The base of the chair consists of two feet
35 A, A, having ears *a, a*, between which are entered the lower ends of the legs or supports B, the lower end of the leg mounted on a pivot *b* being beveled or shaped as shown in Fig. 4, thus leaving surfaces *b'*, *b''* to act as stops and
40 limit the extent of the rocking movement of the legs. The upper ends of the legs, beveled to form stops *b³*, *b⁴* for the seat C, are embraced by the ears *c, c*, to which is connected

the back *c³*, the back being shown as provided with suitable arms *c⁴*. The ears *c, c*, and the
45 upper parts of the legs are connected by a pivot pin 3, the location of the pivotal points *b* and 3 being such as to cause the weight of the parts to put the chair normally in the position Fig. 1. The seat itself is pivoted at 4
50 on or with relation to ears *c, c*, so that the seat may turn about said pivot 4, as usual. Suppose the seat, Fig. 1, to be in its usual position in a row, and occupied, and that another person desires to pass the one occupy-
55 ing the seat. To provide for this, the occupant of the chair has only to push himself back while in the seat, as in the position Fig. 2, the stop *b²* then resting against the foot.

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

1. The herein described opera chair composed of a back having ears; a pivoted seat; and rocking legs, one pivoted to each ear, said
65 legs having stops at each side of their pivotal connections, and pivotal supports at their lower ends, substantially as shown and described.

2. The back having ears, the seat pivoted
70 thereon, the legs having stops at their upper ends, pivots jointing the ears of the back with the said legs, and feet having ears to which the lower ends of the legs are jointed by pivots, the said pivots being in different vertical
75 planes to thus enable the seat to occupy its forward position under the force of gravity, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of
80 two subscribing witnesses.

GEO. A. CLAPP.

Witnesses:

GEO. W. GREGORY,
M. J. SHERIDAN.