Oct. 26, 1948. W. T. CLAWSON 2,452,183

DETACHABLE BOOK SUPPORT FOR CHAIRS

Filed Oct. 21, 1946 2 Sheets-Sheet 1

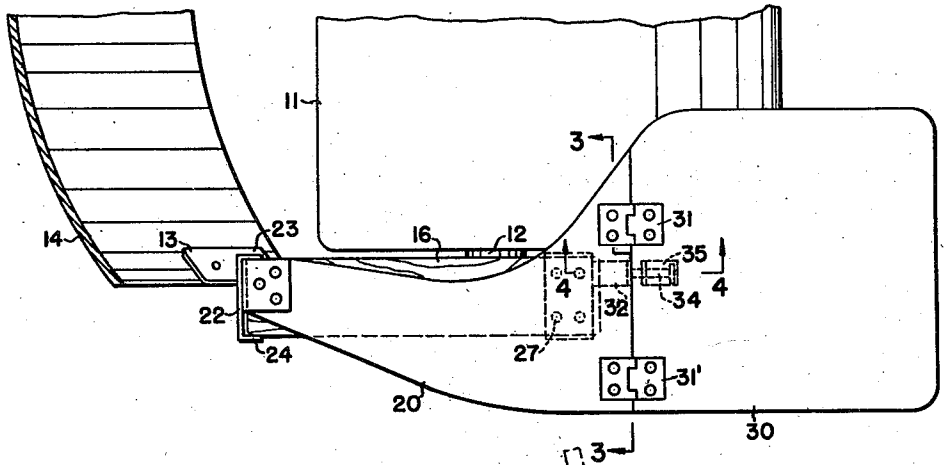


FIG. - 1

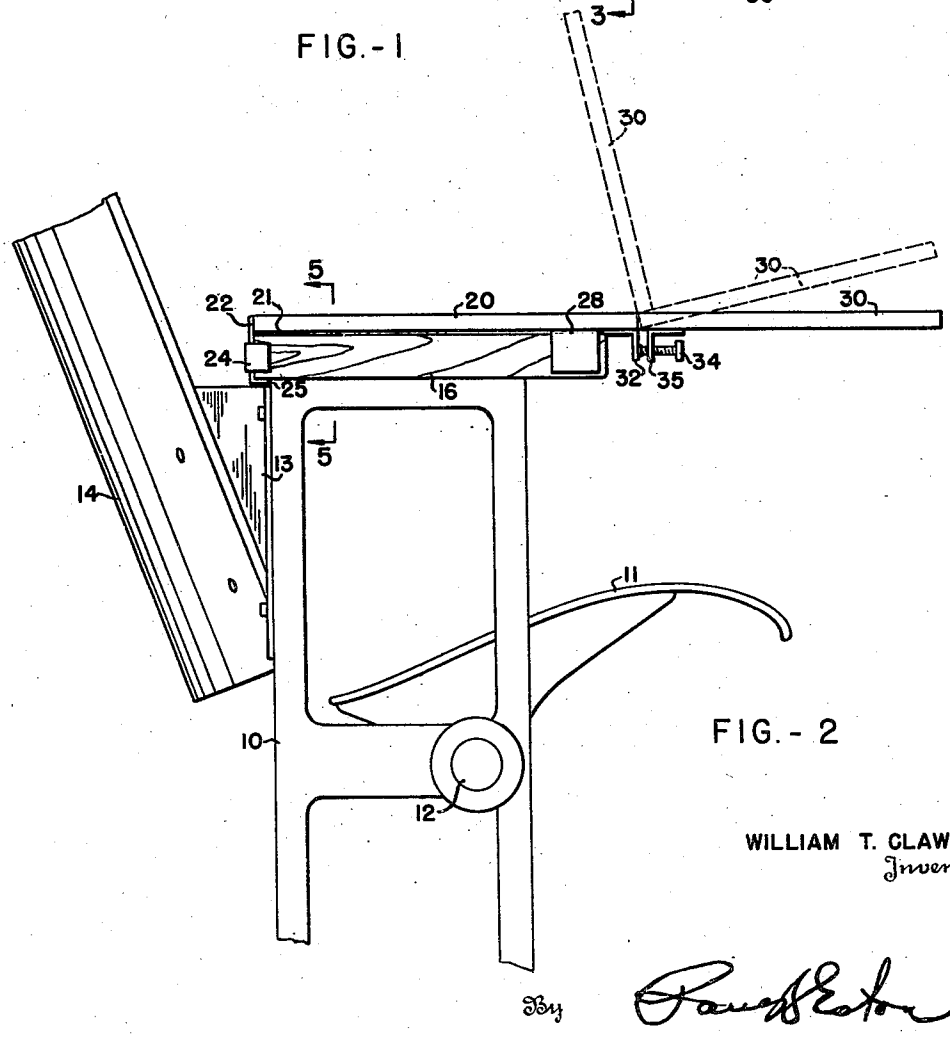


FIG. - 2

WILLIAM T. CLAWSON
Inventor

By

Attorney

Oct. 26, 1948. W. T. CLAWSON 2,452,183

DETACHABLE BOOK SUPPORT FOR CHAIRS

Filed Oct. 21, 1946 2 Sheets-Sheet 2

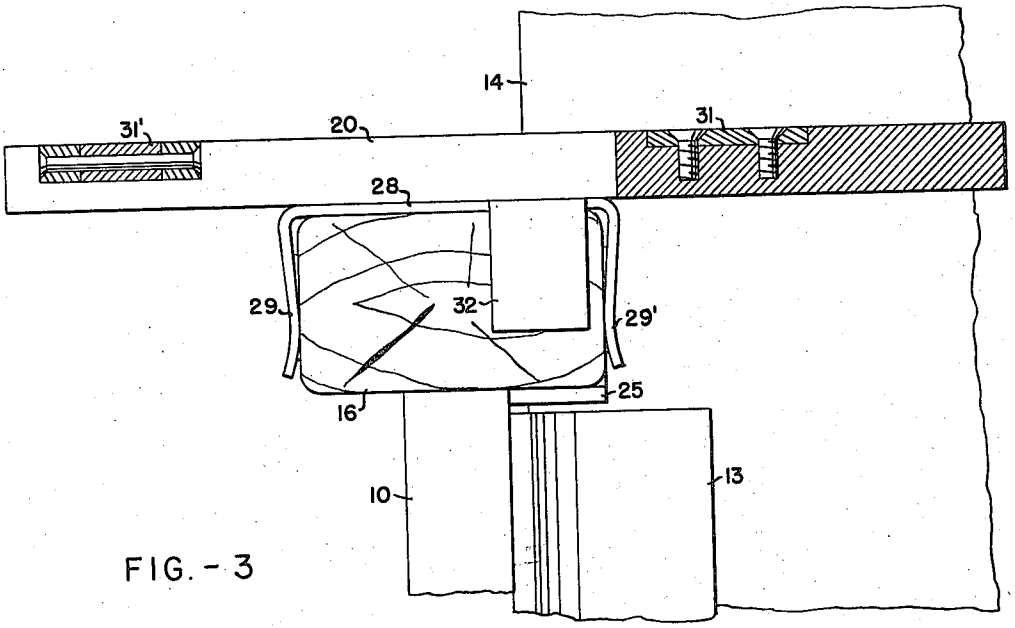


FIG. - 3

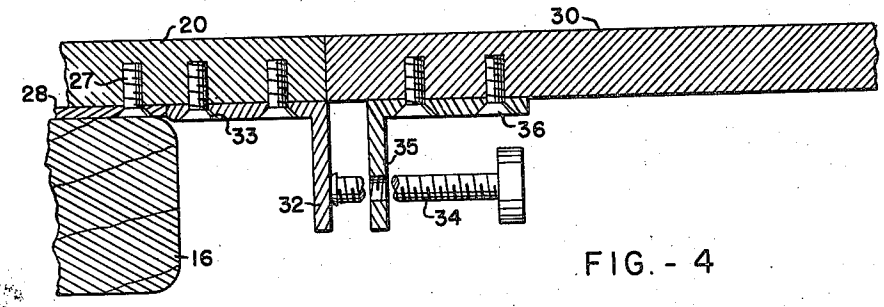


FIG. - 4

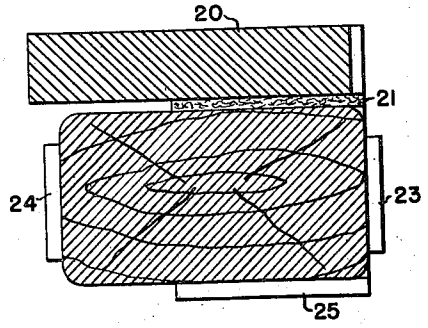


FIG. - 5

WILLIAM T. CLAWSON
Inventor

By James E. Eaton

Attorney

Patented Oct. 26, 1948

2,452,183

UNITED STATES PATENT OFFICE

2,452,183

DETACHABLE BOOK SUPPORT FOR CHAIRS

William T. Clawson, Rock Hill, S. C.

Application October 21, 1946, Serial No. 704,771

5 Claims. (Cl. 155—128)

1

This invention relates to an attachable and detachable book support adapted to be associated with opera chairs, auditorium chairs, and the like, and in which means are provided for detachably securing an arm for writing or support purposes onto the conventional arm of an opera chair, and the like.

Many times it is necessary, due to crowded conditions in school, to hold classes in auditoriums and assembly halls where the chairs are not suitable for the taking of notes since the students have no place on which to support their note books. By providing a support which can be quickly attached to or detached from an arm of an opera chair, these opera chairs can be thus equipped to convert an auditorium into a class room.

It is an object of this invention to provide means attachable to an arm of an opera chair and the like, whereby a book support and the like can be provided, and said attached arm being jointed, if desired, so that the forward end can be adjusted at any desired angle; or, if desired, in order to permit ingress and egress between the seats, the forward end of the support can be raised to vertical position or slightly off-centered position, so that it will stay in this raised position while persons are moving along the aisles between the seats, and which can be folded downwardly to occupy a substantially horizontal position with relation to the other portion of the support, which is attached to the arm of the opera chair.

Some of the objects of this invention having been stated, other objects will appear as the description proceeds, when taken in connection with the accompanying drawings, in which:

Figure 1 is a top plan view of a portion of an opera chair, and showing my invention attached thereto;

Figure 2 is a side elevation looking from the lower side of Figure 1;

Figure 3 is a vertical sectional view taken along the line 3—3 in Figure 1;

Figure 4 is a sectional view taken along the line 4—4 in Figure 1;

Figure 5 is a vertical sectional view taken along the line 5—5 in Figure 2.

Referring more specifically to the drawings, the numeral 10 indicates one of the two side frames of an opera chair which usually has a seat 11 pivoted as at 12 and folding to vertical position or to horizontal position when it is to be occupied. These opera chair frames 10 have secured thereto suitable brackets 13 to which are secured

2

a back 14. On top of the frames 10 are usually secured a conventional arm 16 to thus complete the opera chair. In order to convert this opera chair into a student chair having a book support, I provide a board-like member attachable thereto, and which can be all in one piece or made in two sections and pivoted together if desired. In the present form of the invention, I provide a board member 20 which can be of wood, plastic, aluminum, or any other suitable material. This member 20 has, preferably, a felt or other suitable pad 21 secured to the lower side thereof to rest against the upper surface of the arm 16. To the rear end of the member 20 is secured a bracket 22 which has two forwardly projecting side lugs 23 and 24, and a lower lug 25, fitting beneath the rear end of the arm 16. This member 20 also has secured to the lower side thereof, by any suitable means, such as screws 27, an inverted U-shaped bracket 28, which has downwardly and inwardly projecting spring arm portions 29 and 29', which are adapted to fit on opposed sides of the arm 16, to clampingly engage the arm and to hold the member 20 onto the arm in a rigid manner and yet which is detachable therefrom when upward pressure is applied to member 20.

The member 20 can extend forwardly to provide a broad portion for supporting a writing pad, book, and the like, but where this detachable arm member is to be secured to opera chairs which do not have a wide aisle therebetween, it is preferable to make the support in two sections, and in which I provide the forward portion 30 thereof separate and hinged to the portion 20 by means of suitable hinges 31 and 31', which can swing upwardly and which are imbedded flush with the upper surface of the portions 20 and 30, and the proximate ends of the portions of the members 20 and 30 serve as a stop for the two portions to hold them in horizontal position. If desired, an additional stop and support can be provided in the form of an L-shaped bracket 32 secured to the lower surface of the portion 20 by means of suitable screws 33, and the downwardly projecting legs of L-shaped member 32 is adapted to be contacted by a screw 34 threadably mounted in the downturned leg of another L-shaped bracket 35 secured to the lower surface of member 30 by means of suitable screws 36.

These L-shaped brackets 32 and 35 in association with the screw 34 form a better stop than the proximate ends of the members 20 and 30 would provide, and in addition, they provide means for adjusting the angularity of the portion 30 with relation to the portion 20. If de-

sired, the screw 34 can be turned in one direction to raise the portion 30 upwardly to, say, the first dotted line position in Figure 2, closest to the horizontal position, and when not in use and for purposes of allowing the students to pass freely between the rows of opera seats, the portion 30 can be moved up past dead center to the highest raised dotted line position shown in Figure 2.

It is thus seen that I have provided an arm or support attachable to an arm of an opera chair which will support writing pads, books, and the like, and which can be quickly attached to the chair and quickly detached therefrom in case it is not desired to be used, and which can have its forward portion folded upwardly, if desired, to permit ingress to and egress from the opera chairs, and which can also be adjusted to suit the individual desires of the occupant as to angularity of the forward portion.

In the drawings and specifications, there has been set forth a preferred embodiment of the invention and although specific terms are employed, they are used in a generic and descriptive sense only, and not for purposes of limitation, the scope of the invention being defined in the claims.

I claim:

1. A detachable book support adapted to be supported by the arm of an opera chair, comprising a planar member, having a bracket at its rear end provided with a plurality of projections adapted to fit around the rear end of the arm of the opera chair and against its two sides and the lower surface thereof, and having an inverted U-shaped member secured to its lower side in spaced relation to the bracket on the rear end thereof and adapted to clampingly engage the opposed sides of the arm of an opera chair and to rest on said arm.

2. A detachable support adapted to be supported by the arm of an opera chair, comprising a planar member, having a bracket at its rear end provided with a plurality of projections adapted to fit around the rear ends of the arm of the opera chair and against its two sides and the lower surface thereof, and having an inverted U-shaped member secured to its lower side in spaced relation to the bracket on the rear end thereof and adapted to clampingly engage the opposed sides of the arm of an opera chair and to rest on said arm, the forward portion of said detachable planar member being separated from the portion resting on the arm of the opera chair, and being hinged thereto so that the forward portion can be folded upwardly out of the way when ingress and egress are desired to the opera chairs.

3. A detachable book support adapted to be removably attached to the arm of an opera chair, comprising means on the rear end of the book support for engaging the rear end and the two sides and bottom of the rear end of an opera chair, and means on the lower side of the support adapted to clampingly engage opposed sides of the opera chair arm for holding the support in position relative to the opera chair arm.

4. A detachable book support adapted to be removably attached to the arm of an opera chair, comprising a bracket on the rear end of the book support having a plurality of prongs for engaging the rear end, and the two sides and bottom of the rear portion of the arm, and means on the lower side of the support adapted to clampingly engage opposed sides of the opera chair arm while holding the support in position relative to the opera chair arm, the forward portion of said support being separated from the rearward portion and having hinges connecting the two portions of the support together, whereby the forward portion can be pivoted upwardly out of the way of ingress and egress to the opera chairs when desired.

5. A detachable book support adapted to be removably attached to the arm of an opera chair, comprising means on the rear end of the book support for engaging the rear end, the two sides and the bottom surface of the arm, and means on the lower side of the support adapted to clampingly engage opposed sides of the opera chair arm for holding the support on top of the opera chair arm, the forward portion of support arm being separated from the rearward portion and having hinges connecting the two portions of the support together, whereby the forward portion can be pivoted upwardly out of the way of ingress and egress to the opera chairs when desired; the lower surfaces of the two portions of said support having each a bracket secured thereto and a bolt threadably mounted in one of the brackets and engaging the face of the other bracket for adjusting the angularity of the forward portion of the support relative to the rearward portion, which rests on the arm of the opera chair.

WILLIAM T. CLAWSON.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
80,991	Neuhaus	Aug. 11, 1868
171,528	Musser	Dec. 28, 1875
184,488	Williston	Nov. 21, 1876
2,177,297	Brazell	Oct. 24, 1939