(No Model.)

# E. J. GUENZEL.

## HAT SUPPORT FOR THEATER SEATS.

No. 589,469. Patented Sept. 7, 1897.

Fig. 1.

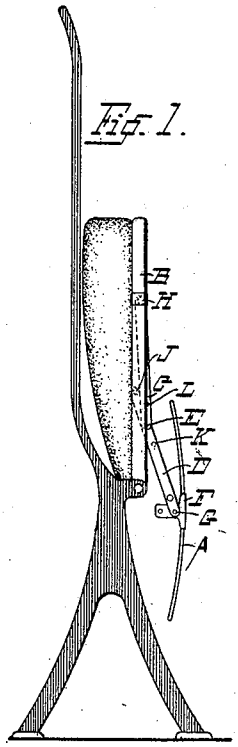


Fig. 2.

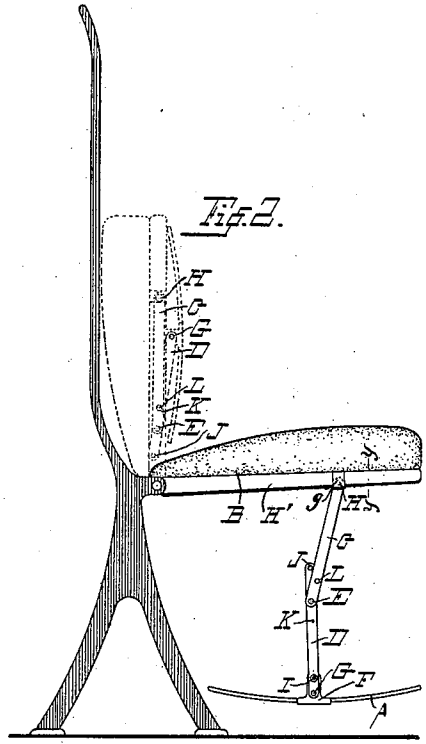


Fig. 3.

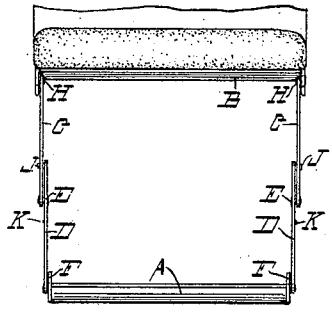


Fig. 4.

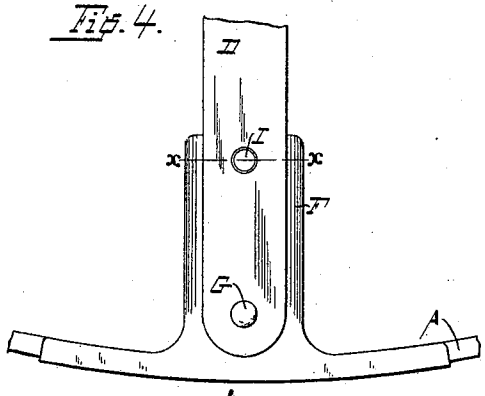


Fig. 5.

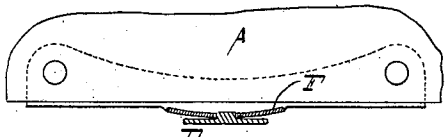


Fig. 6.

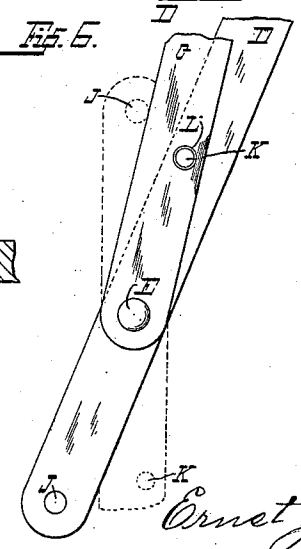
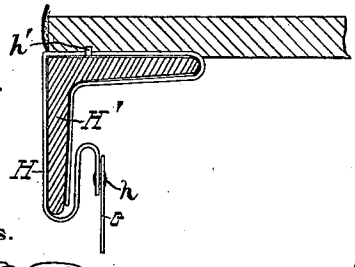


Fig. 7.



Witnesses.

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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

# UNITED STATES PATENT OFFICE.

ERNST J. GUENZEL, OF MILWAUKEE, WISCONSIN.

## HAT-SUPPORT FOR THEATER-SEATS.

SPECIFICATION forming part of Letters Patent No. 589,469, dated September 7, 1897.

Application filed April 6, 1897. Serial No. 630,967. (No model.)

*To all whom it may concern:*

Be it known that I, ERNST J. GUENZEL, a citizen of the United States, residing at Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented new and useful Improvements in Hat-Supports for Theater-Seats, of which the following is a specification.

My invention relates to improvements in hat-supports for theater-seats.

The object of my invention is to provide a form of support which is adapted to receive ladies' hats as well as those of gentlemen and which can be readily folded up with the seat when not in use.

In the following description reference is had to the accompanying drawings, in which—

Figure 1 is a side view of a theater-seat, showing my invention as it is suspended therefrom when the seat is folded. Fig. 2 is a side view showing the seat with my improved hat-support in position for use and with dotted lines showing both the seat and hat-support as they are when folded together. Fig. 3 is a front view of the seat with my hat-support in position for use. Fig. 4 is an enlarged detail view showing the attachment of the suspension-arms to the hat-supporting shelf or platform. Fig. 5 is a section view drawn on the lines $x\,x$ of Fig. 4. Fig. 6 is an enlarged detail view of the meeting ends of the suspension-arm sections as they are locked together when in the folded position shown by dotted lines in Fig. 2. Fig. 7 is a section view of one of the attachment-clamps, drawn on the line $y\,y$ of Fig. 2.

Like parts are identified by the same reference-letters throughout the several views.

A platform or shelf A is supported from the theater-seat B by means of suspension-arms, which are preferably formed in two sections C and D, pivoted together at E, and with the lower section D pivotally attached at G to an upward-projecting standard F of the shelf or platform A. The upper section C of each arm is pivotally attached to a seat-clamp H at $h$, the clamp H being preferably formed of a band or strip of sheet metal bent to conform to the side rail H′ of the seat and provided with projecting tongues $h'$, formed by slitting the metal and bending the released portion outwardly in such a manner that it can be forced into the wooden bottom of the seat to prevent the clamps from slipping along the rail from the position in which they are adjusted.

For holding the shelf A in position for use I have provided the suspension-arm section D with a stud I, which is adapted to engage upon the rounded or curved surface of the standard F when the seat is being unfolded, thus slightly separating the upper end of the standard F from the section D while the shelf is being tilted to a position substantially at right angles to the section D, at which point the stud I registers in an aperture or opening in the standard F.

Referring now to the construction of the meeting ends of the sections C and D, as best shown in Fig. 6, it will be observed that I have provided the upper end of the section D with a stop-pin J, which prevents the sections from folding in the wrong direction, and below the pivot E, I have provided the section D with a locking-stud K, which is adapted to register in an opening L in the upper section C when the two sections are folded together.

In operation, the hat-support being in the position shown in Fig. 1 and it being desired to use the same, the seat B is lowered in position for use and the shelf A is tilted upon the pivot G into a horizontal position, with the stud I engaged in the aperture of the standard F. Assuming now that it is desired to fold the seat and hat-support together, I raise the seat and tilt the shelf downwardly to a substantially vertical position, with the rear end alined with the section D on each side thereof. I then fold the section D upon the upper section C until the studs K register in the aperture L, the device being then in the position shown by dotted lines in Fig. 2.

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

1. The combination with a supporting-seat, of a pair of suspension-arms pivotally attached thereto and depending therefrom, a shelf provided with upwardly-projecting standards pivotally attached to the lower ends of the suspension-arms, studs projecting laterally from said arms, and adapted to register in the apertures in said standards, when the

shelf is in a position at right angles to the suspension-arms, substantially as described.

2. The combination with a supporting-seat, of a shelf suspended therefrom by a pair of depending arms, said arms being formed in two or more sections adapted to fold together, and one of said sections being provided with a stud adapted to register in an aperture of the other section for holding the sections in a folded position, substantially as described.

3. The combination with a supporting-seat, of the clamps H′ attached to the side rails thereof, suspension-arms pivotally attached thereto and depending therefrom, a shelf pivotally attached to the lower ends of the suspension-arms, and means for adjusting the shelf upon the suspension-arms, substantially as described.

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

ERNST J. GUENZEL.

Witnesses:
LEVERETT C. WHEELER,
LYMAN G. WHEELER.