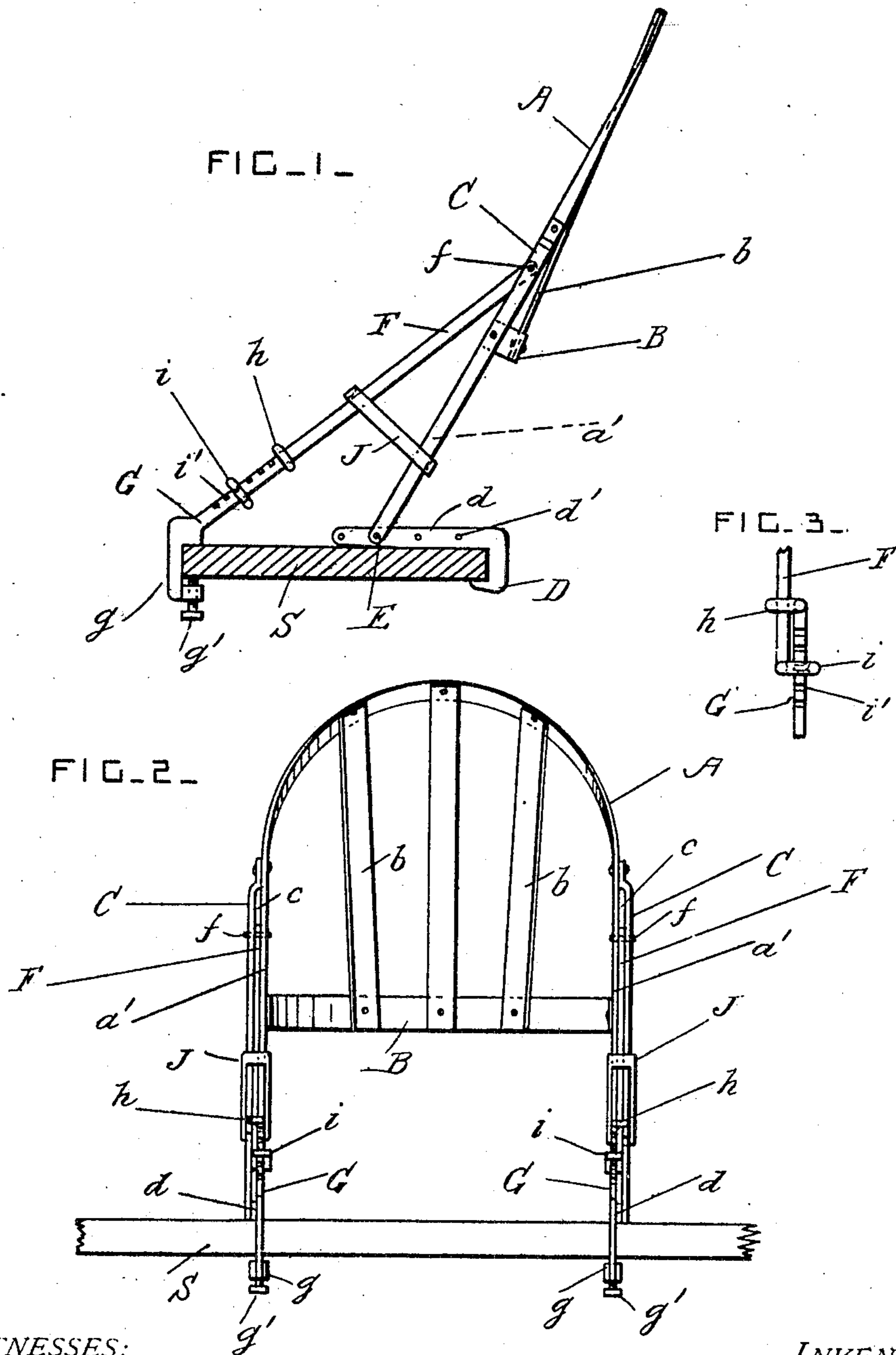


No. 849,451.

PATENTED APR. 9, 1907.

J. L. ZANE.
SEAT.

APPLICATION FILED SEPT. 26, 1906.



WITNESSES:

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JAMES L. ZANE, OF PULASKI, IOWA.

SEAT.

No. 849,451.

Specification of Letters Patent.

Patented April 9, 1907.

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To all whom it may concern:

Be it known that I, JAMES L. ZANE, a citizen of the United States, residing at Pulaski, in the county of Davis and State of Iowa, have invented certain new and useful Improvements in Seats; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to seats; and it consists of a removable and adjustable seat-back, as hereinafter fully described and claimed.

In the drawings, Figure 1 is a side view of the seat-back. Fig. 2 is a front view of the seat-back. Fig. 3 is a detail.

S is the seat, which is a board or plank of any desired length and which is supported above the ground by any approved means.

A is the main portion of the seat-back, which is formed of a loop-shaped metallic bar.

B is a cross-piece between the parallel side portions *a'* of the part A, and *b* are slats for the shoulders to rest against. These slats *b* are secured between the cross-piece B and the upper portion or loop of the part A.

C are two bars secured to the two side portions *a'*, so as to form narrow spaces *c* and so as to stiffen the sides of the main frame.

D are hooks provided with shanks *d* and holes *d'*. These hooks engage with the rear edge of the seat S and their shanks rest upon its upper surface. The lower ends of the main frame are pivoted to the shanks *d* by pins E, which engage with any of the holes *d'*.

F are two stay-bars which support the seat-back in an inclined position. The upper end portions of the bars F are pivoted in the spaces *c* by means of pins *f*, and they are connected to the upper portions of the side bars of the main frame.

G are extension-bars at the lower ends of the stay-bars F. The extension-bars G are provided with clamps *g*, having screws *g'* for engaging with the front edge of the seat F. The extension-bars are adjustably connected with the stay-bars, so that the seat-back can be adjusted to suit the requirements. The extension-bars G are preferably provided with eyes *h* at their upper ends which slide freely over the stay-bars F. The stay-bars F are provided at their lower ends with eyes *i*, slidable freely over the extension-bars G.

The bars G have also notches *i'* for the eyes *i* to engage with.

J are locking-links which are slidable freely over the stay-bars G and the bars *a'* and C of the seat-back. When the links are pressed down forcibly to the position shown in the drawings, the seat-back is securely clamped to the seat and cannot slip. The angle of the seat-back can be adjusted without rising from the seat by raising the locking-links and changing the adjustment of the extension-bars.

When the seat-back is removed from the seat, it is folded so that it is nearly flat, and it then occupies very little space.

These seat-backs can be manufactured in large quantities with small expense and can be shipped from place to place where conventions or other gatherings of the people are being held and where it is necessary to provide temporary seats.

What I claim is—

1. In a seat-back, the combination, with a main frame, of hooks for engaging the rear part of the seat pivoted to the lower portions of the said main frame, stay-bars pivoted to the upper portions of the said main frame and provided with means for engaging the front part of the seat, and locking devices for holding the said parts in position.

2. In a seat-back, the combination, with a main frame, of hooks for engaging the rear part of the seat pivoted to the lower portions of the said main frame, stay-bars pivoted to the upper portions of the said main frame, extension-bars adjustably connected to the said stay-bars and provided with means for engaging the front part of the seat, and locking devices for holding the said parts in position.

3. In a seat-back, the combination, with a main frame provided with side bars, of hooks for engaging the rear part of the seat pivoted to the lower portions of the said side bars, stay-bars pivoted to the upper portions of the said side bars and provided with means for engaging the front part of the seat, and locking-links slidable over the said stay-bars and side bars.

4. In a seat-back, the combination, with a main frame, of hooks provided with shanks having series of holes and adapted to rest on and engage with the rear parts of the seat, pins pivoting the lower end portions of the said frame to the said shanks, stay-bars piv-

oted to the upper portions of the said main frame and provided with means for engaging the front part of the seat, and locking devices for holding the said parts in position.

- 5 5. In a seat-back, the combination, with a main frame, of hooks for engaging the rear part of the seat pivoted to the lower portions of the said main frame, stay-bars pivoted to the upper portions of the said main frame
10 and provided with eyes at their lower ends, extension-bars provided with means for engaging the front part of the seat, said exten-

sion-bars being also provided with notches for engaging with the said eyes and having eyes at their upper ends which are slidable 15 over the said side bars, and locking devices for holding the said parts in position.

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

JAMES L. ZANE.

Witnesses:

D. G. KING,
J. W. HUNT.