(No Model.)

# F. H. KARRER.

CHAIR.

No. 604,156. Patented May 17, 1898.

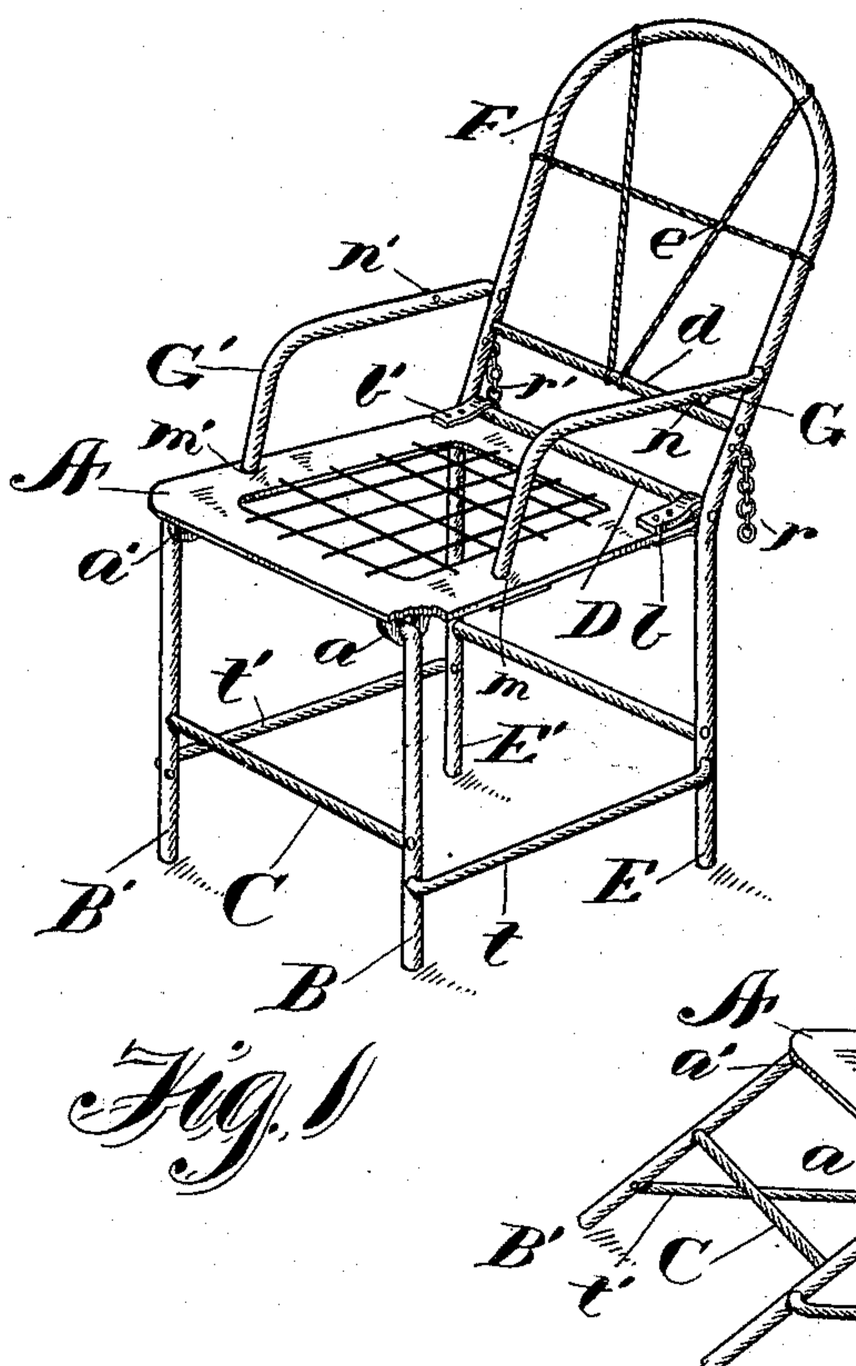


Fig. 1

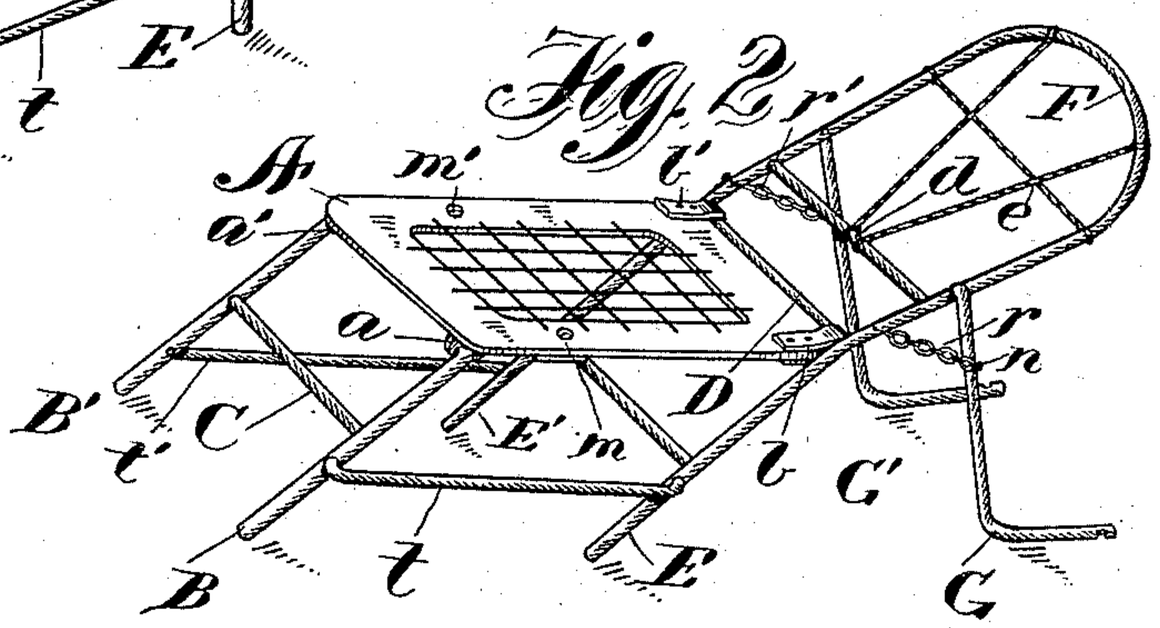


Fig. 2

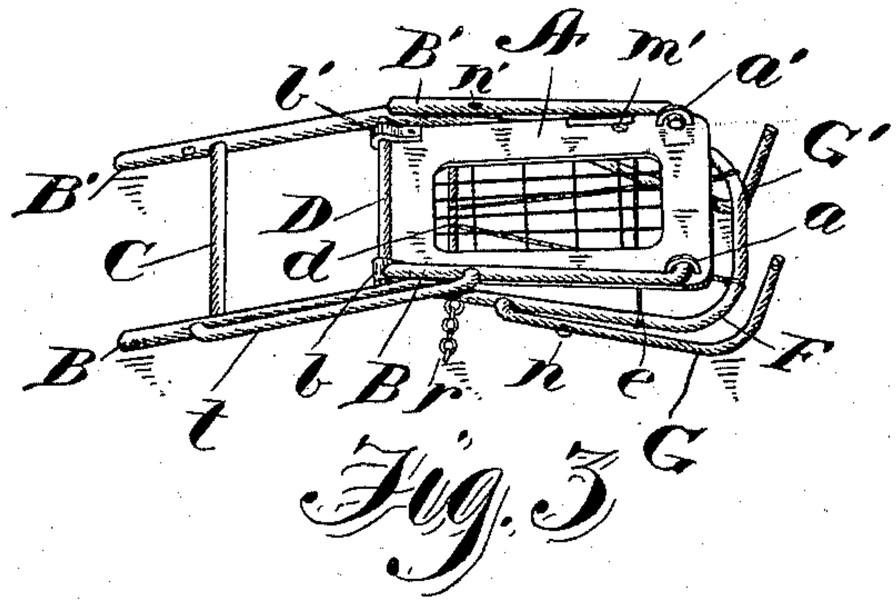


Fig. 3

WITNESSES:

Eliz. Kincaid.

Geo. Ingalls,

INVENTOR

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# UNITED STATES PATENT OFFICE.

FRANK H. KARRER, OF ROSLYN, WASHINGTON.

## CHAIR.

SPECIFICATION forming part of Letters Patent No. 604,156, dated May 17, 1898.

Application filed May 17, 1897. Serial No. 637,017. (No model.)

*To all whom it may concern:*

Be it known that I, FRANK H. KARRER, a citizen of the United States, residing at Roslyn, in the county of Kittitass and State of Washington, have invented certain new and useful Improvements in Chairs; 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 in a general way to improvements in chairs, but more specifically to that class known in the art as "folding" chairs, which are primarily provided for use in halls or other places where rapid changes in the arrangement of space are necessary.

My present invention has for its prime objects to provide a simple, durable, and rigid chair capable of being rapidly and readily adjusted into an inclined position or when desirable folded into a compact and portable form.

In carrying out the above prime results I have aimed particularly at structural simplicity and economy.

Other objects and advantages of the invention will hereinafter appear, and the novel features thereof will be particularly set forth in the appended claims.

The invention is clearly illustrated in the accompanying drawings, and in the several views shown like letters of reference indicate like parts.

Figure 1 is a perspective view of my improved chair in its normal upright position. Fig. 2 is a similar view showing the chair in an inclined position, and Fig. 3 represents the chair folded into its most compact form.

Referring now to the above figures by letter, A represents the seat of the chair, from the lower surface of the two front corners of which depend and are pivoted by means of the lugs $a$ $a'$ the legs B B'. These legs B B' are connected together by the brace C.

Pivotally connected to the rear edge of the seat A by means of the cross-brace D, passing through eyes $b$ $b'$, are the rear legs E E', which extend upward and are gracefully bent to form the integral back F, which in turn is braced by the cross-brace $d$ and covered by the interlacing wires $e$. The parallel braces $t$ $t'$ are pivoted to the forward and rear legs.

Pivoted to opposite sides of the back F and at a short distance above the seat A are the curved arms G G', whose outer free extremities are adapted to engage with catches $m$ $m'$ in the seat A, and thereby uphold the chair in the position shown in Fig. 1.

It is quite manifest from Fig. 2 that by detaching the arms G G' from the seat A and after swinging them backward and adjusting them at the proper inclination by means of the short series of links $r$ $r'$, which depend from the opposite sides of the back F and engage with headed pins $u$ $u'$ on the arms G G', the chair can be made to incline backward at any angle, thereby allowing the occupant to recline in a most comfortable position. It is further evident from an examination of Fig. 3 that by detaching the arms G G' from the seat A and swinging both upward against the back F the relative parts will assume a most compact and easy transportable position.

As is represented in the drawings, I have constructed the chair wholly of metal, thereby rendering the manufactured article most durable; but I am still aware that other materials may be substituted, as well as changes in the form and proportion of the parts made, without departing from the spirit or sacrificing any of the advantages of my invention, and I therefore reserve the right to make such changes and alterations as fairly fall within the scope thereof.

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

1. In an article of the class described the combination with a seat, forward and rear legs pivoted to said seat and so connected together that they remain relatively parallel, arms pivoted to upwardly-extending portions of said rear legs and detachably secured to said seat, said arms being adapted to swing backward to uphold the parts in an inclined position and means for adjusting the inclination of said arms substantially as and for the purpose set forth.

2. In an article of the class described the combination with a seat, forward and rear legs pivoted to said seat and so connected together that they remain relatively parallel, arms pivoted to said rear legs and detachably secured to said seat, said arms being adapted to swing backward and rest on the floor at various angles of inclination, said arms, legs and seat being adapted to fold together into a compact form substantially as and for the purpose set forth.

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

FRANK H. KARRER.

Witnesses:
SUE O'BANNON PORTER,
L. F. MCCONIHE.