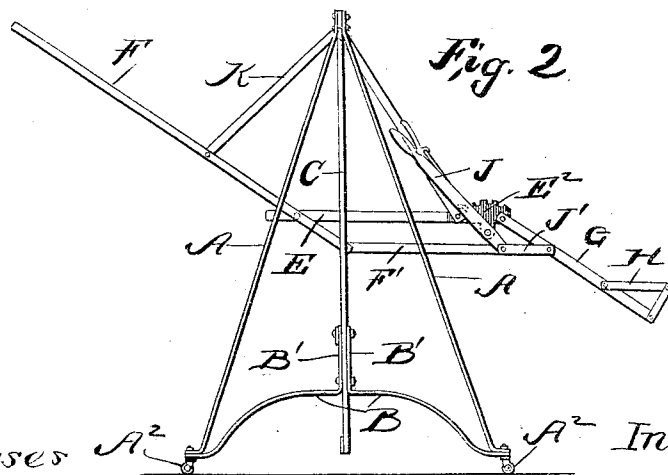
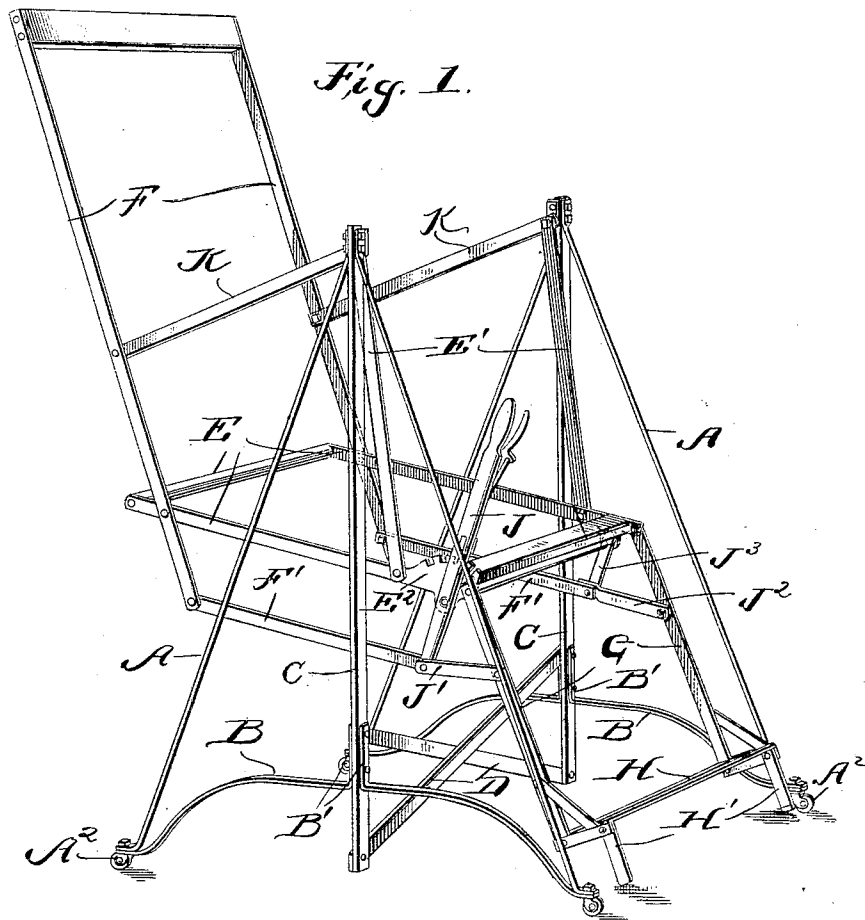


No. 898,805.

PATENTED SEPT. 8, 1908.

J. C. BARNHART.
SWINGING CHAIR.

APPLICATION FILED MAY 17, 1905.



Witnesses *A^2*
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UNITED STATES PATENT OFFICE.

JOHN C. BARNHART, OF AKRON, OHIO.

SWINGING CHAIR.

No. 898,305.

Specification of Letters Patent.

Patented Sept. 8, 1908.

Application filed May 17, 1905. Serial No. 260,815.

To all whom it may concern:

Be it known that I, JOHN C. BARNHART, a citizen of the United States, residing at Akron, in the county of Summit and the State of Ohio, have invented a new and useful Improvement in Swinging Chairs, of which the following is a specification.

This invention relates to a combined swinging and rolling chair, the object of the invention being an adjustable swinging chair mounted on rollers so as to be readily removed from place to place.

The invention consists in the novel construction of a pivoted chair frame having an adjustable foot rest, and pivotally suspended between side frames mounted on rollers and an operating lever to control the adjustment of the chair frame and foot rest.

The invention also consists in the novel features of construction hereinafter described, particularly pointed out in the claims and shown in the accompanying drawings, in which:—

Figure 1 is a perspective view of my device, the chair seat being removed to more clearly show the construction of the frame. Fig. 2 is a side elevation.

The chair comprises two vertical, triangular frames and the swinging frame suspended between the two first mentioned frames. The triangular frames are composed of the straight upwardly converging members A which are of metal and are connected at their lower ends by a sectional, compound curved metal strip B. This strip is formed in two sections and the inner ends of each section have an upwardly extending flange B' which is secured to a central upright bar C the upper end of which is secured to the inner faces of bent end portions A' of the members A. The outer ends of the sections B are bolted or otherwise fastened to short end flanges on the lower ends of the members A and the entire frame consisting of the members A, strip B and center bar C is mounted on casters or rollers A². One of these frames is placed on each side of the chair frame and are connected by inclined connecting strips D which cross midway the frames.

The chair proper consists of a rectangular, horizontal frame E placed between the vertical supporting frames and suspended therefrom by bars E' pivoted at their upper ends to the supporting frames at the point of juncture of the side members A and the bar C, and at their lower ends the bars E' are

pivoted to the side members of the frame E adjacent the front end of the said frame. The back F of the chair is pivotally connected to the side members of the frame E adjacent the rear end of the said frame, and extends below the said frame and the lower end portions of the back are pivotally connected to the rear ends of approximately horizontal rods F'. The front of the frame E has pivoted thereto a rectangular frame G which supports a foot rest H to which are pivoted supporting feet H'. One side of the frame E carries a segmental rack E² and to this side is pivoted a lever J working over the rack, and the lower end of the lever is pivotally connected to the front end of the rod F' on the same side of the chair as the lever J and also to the rear end of a link J' the forward end of which is pivoted to a side member of the foot rest frame G. On the opposite side of the chair the rod F' is pivoted to the lower end of a link J² and the rear end of a link J², the upper end of the link J² being pivoted to the frame E and the forward end of the link J² to the frame G. Side arms K are pivotally connected to the upper or apex end of the vertical supporting frames and to the chair back F, respectively.

While the parts may be of wood I prefer to use light metal strips with which to construct the chair, and a strong, and durable and at the same time light construction is had.

By shifting the lever J the foot rest frame G may be adjusted and also the back F. When the foot rest H is elevated by adjustment of the frame G the supporting legs H' can be folded back on the side members of the foot rest, where they are out of the way.

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

A device of the kind described comprising parallel A-shaped supporting frames, a rectangular chair seat frame, bars pivotally connected at their upper ends to the apex portions of the first mentioned frames and at their lower ends to the side members of the seat frame at points adjacent the front of said frame, a back frame pivotally connected to the sides of the seat frame, at points adjacent the rear end of said seat frame, the side members of the back frame extending below the seat frame, side arms pivotally connected to the apex portions of the first mentioned frames and to the back frame, respectively, a pivoted foot rest frame carried by the chair

seat frame, links pivotally connected at their front ends to said foot rest frame, rods pivotally connected to the lower ends of the side members of the back frame and also to the rear ends of the said links, a link pivotally connected at its upper end to one side of the seat frame and at its lower end to one of said rods and one of the first mentioned links at the pivotal point between them, a rack carried by the opposite side of the seat frame

and a lever pivoted adjacent said rack and working upon the same, the lower end of said lever being pivotally connected to and at a point of juncture between the other rod and the other first mentioned link.

JOHN C. BARNHART.

Witnesses:

WM. R. PRICE,
OSBORN ERYATE.