

E. TUCKER.
Folding Rocking-Chair.

No. 205,015.

Patented June 18, 1878.

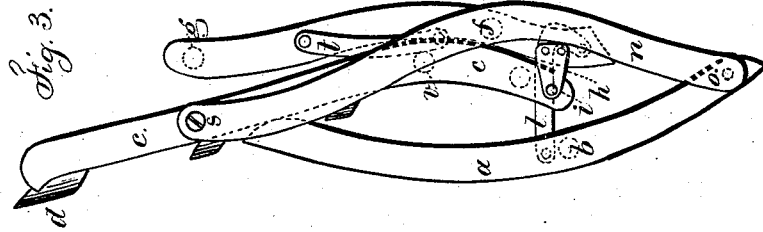


Fig. 1.

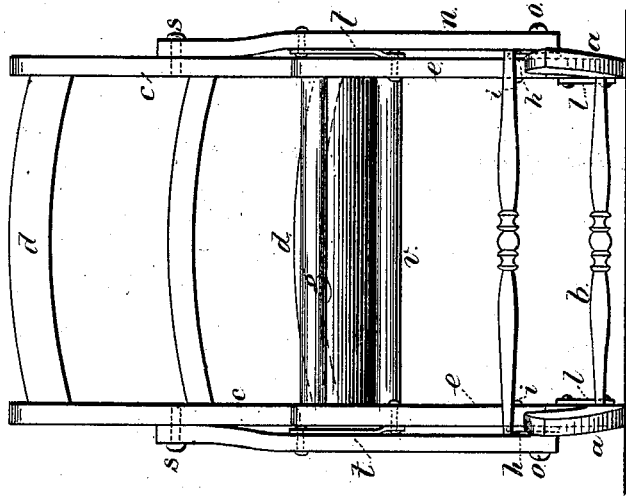
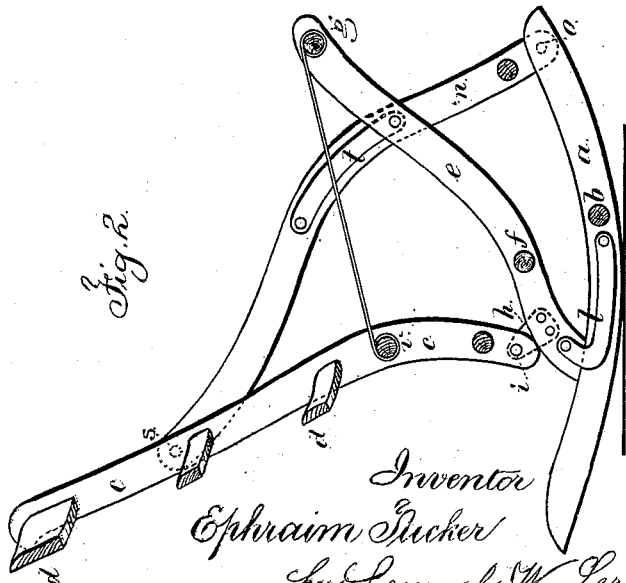


Fig. 2.



Witnesses
 Chas. H. Smith
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 Ephraim Tucker
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UNITED STATES PATENT OFFICE.

EPHRAIM TUCKER, OF WORCESTER, MASSACHUSETTS, ASSIGNOR TO
EDWARD W. VAILL, OF SAME PLACE.

IMPROVEMENT IN FOLDING ROCKING-CHAIRS.

Specification forming part of Letters Patent No. 205,015, dated June 18, 1878; application filed
March 15, 1878.

To all whom it may concern:

Be it known that I, EPHRAIM TUCKER, of Worcester, in the State of Massachusetts, have invented an Improvement in Folding Rocking-Chairs, of which the following is a specification:

In United States Letters Patent No. 179,980, granted to J. E. Wakefield, a rocking-chair is shown with the back-frame extending down to the rockers and united by L-shaped links, and the seat-frame jointed to the back leg, and held by links that suspend such seat-frame from the front legs; and in the United States Patent No. 179,920, granted E. C. Holton, the seat-frame is pivoted to the rockers; but the links are connected to a cross-piece that supports the seat-frame. Both these patents were assigned to E. W. Vaill, who is also the assignee of the present invention.

My invention consists in the combination, in a folding rocking-chair, of rockers pivoted at the sides of the front legs, a back-frame composed of cross-rails and side pieces, to which latter the front legs are pivoted, a seat-frame, forming also the back legs, which frame is hinged to the lower ends of the back-frame and united by links to the rockers, and suspending-links from the front legs to support the seat-frames.

By this construction the seat-frame intervenes between the lower ends of the back-frame and the rockers, and rests directly upon the rockers, so that the parts are all in the same plane, and the rockers fold at one side of the back-frame, and the seat-frame folds at the other side of the back-frame, and the front legs are outside of the other parts, and the seat-frame takes its bearing upon the rocker, and the parts are so proportioned that the chair folds into a very small compass, and is very firm and rigid when the same is opened out for use.

In the drawing, Figure 1 is a front elevation. Fig. 2 is a section as opened out for use, and Fig. 3 is a side view of the rocking-chair as folded.

The rockers *a* are united by the cross-rail *b*, and the side pieces *c* are united by the cross-rails *d* to form the back-frame, and this frame may be more or less ornamental or upholstered.

The seat-frame is composed of the side

pieces *e*, rail *f*, and seat-bearer *g*, and the plates *h* and pivots *i* serve to unite the seat-frame *e* to the lower ends of the back-frame *c*, so that the seat-frame folds up against the front of the back-frame and in line therewith.

The rockers *a* are beneath the lower ends of the seat-frame *e*, said portion of the seat-frame forming the back legs and resting directly upon the rockers. The bell-crank or L-shaped links *l* are attached at their ends by pivot pins or screws to the rockers and the back legs, respectively, in a somewhat similar manner to those in aforesaid Letters Patent No. 179,980. These rockers fold up behind the side pieces *c* of the back-frame.

The front legs *n* are outside of the rockers, and pivoted at *o* to the same, and at their upper ends *s* to the back *c*.

The links *t* are pivoted at their upper ends to the inner surfaces of the front legs and at their lower ends to the seat-frame, and they suspend said seat-frame when the chair is in use, and when the chair is being folded they swing upward and describe nearly a half-circle as the seat-frame closes toward the back, and the front legs swing into line, or nearly so, with the back-frame.

The seat may be either flexible or rigid, and it is supported by the bearers *g* and *v*. When a flexible seat is used the tension thereof tends to keep the parts in position when unfolded for use.

I claim as my invention—

The combination, in a folding rocking-chair, of rockers *a* and front legs *n*, pivoted together, a back-frame, *c d*, pivoted to the upper ends of the front legs, a seat-frame, *e*, intervening between the rocker and the lower ends of the back-frame, and forming the back legs, hinge-plates *h*, connecting the back legs and lower ends of the back-frame, links *l*, connecting the back-frame and rockers, and links *t*, pivoted at their upper ends to the front legs and at their lower ends to the seat-frame, so as to support the same, substantially as set forth.

Signed by me this 9th day of March, 1878.

EPHRAIM TUCKER.

Witnesses:

S. B. I. GODDARD,
GEO. E. SMITH.