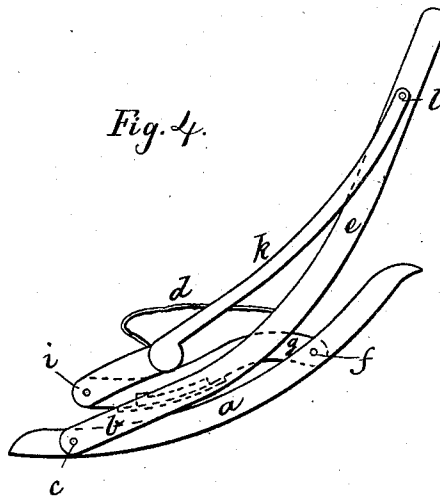
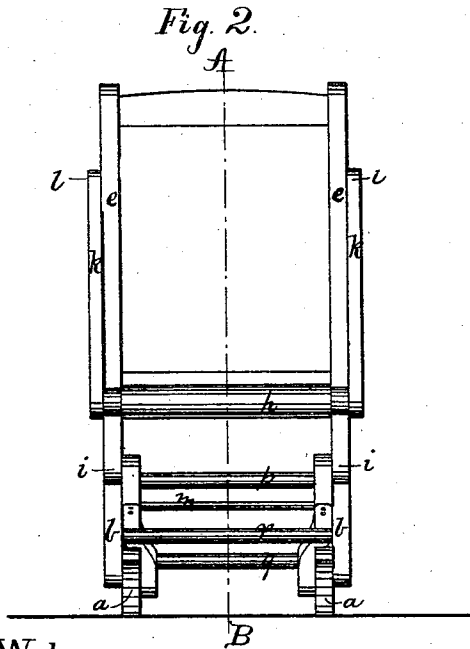
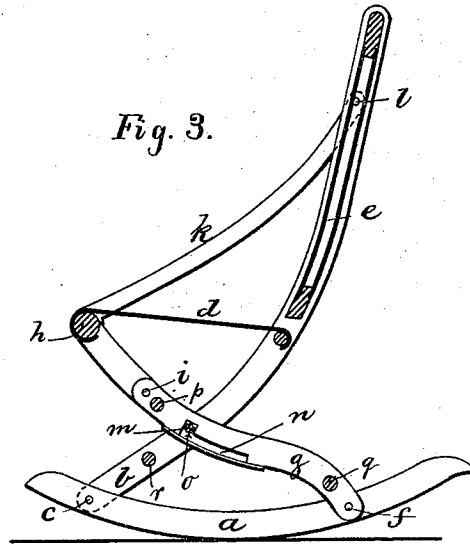
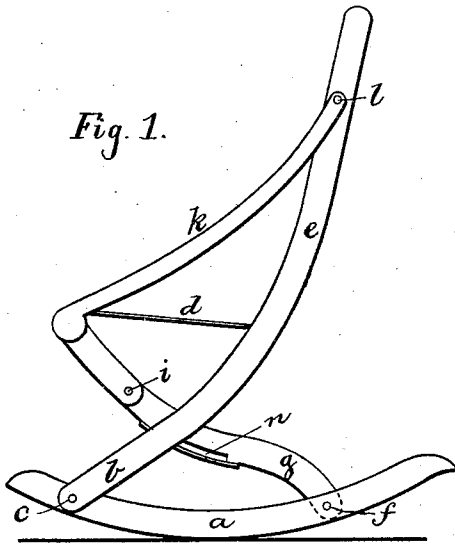


W. C. OVENDEN.
FOLDING-CHAIR.

No. 178,663.

Patented June 13, 1876.



Witnesses:

Henry Chadbourne.
F. Allen.

Inventor:

William C. Ovenden.
by Alvan Andrieu.
his atty.

UNITED STATES PATENT OFFICE.

WILLIAM C. OVENDEN, OF MARGATE, GREAT BRITAIN.

IMPROVEMENT IN FOLDING CHAIRS.

Specification forming part of Letters Patent No. **178,663**, dated June 13, 1876; application filed April 17, 1876.

To all whom it may concern:

Be it known that I, WILLIAM C. OVENDEN, of Margate, in the county of Kent, and Kingdom of Great Britain, have invented certain new and useful Improvements in Folding Rocking-Chairs; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in folding rocking-chair so arranged that it can easily be folded together in a comparatively small compass for transportation or otherwise; and my invention consists of a pair of rockers hinged in their forward ends to a pair of supports that extend upward, forming the back of the chair, in combination with a pair of supports hinged to the rear of the rockers, and provided each with a slotted opening and a notch or recess, in the former of which a bolt or rod secured to the forward supports is made to slide when the chair is being opened or closed, and in the latter of which it is confined when the chair is being used. The said rear supports extend upward to the front of the seat, where they are secured to a cross-bar that is connected to the back of the chair by means of a pair of arm-pieces hinged in their lower ends to the aforesaid cross-bar, and in their upper ends to the back of the chair. Each of the rear supports, extending from the rear part of the rockers to the front of the seat, is jointed at such a place that, when the chair is folded, the combined lengths of the arm-piece, and the upper part of the jointed rear support shall be equal to the distance from the upper joint of the arm-piece on the back of the chair to the aforesaid joint on the rear support.

On the accompanying drawings, Figure 1 represents a side elevation of my improved chair. Fig. 2 represents a front elevation of the same. Fig. 3 represents a longitudinal section on the line A B shown in Fig. 2, and Fig. 4 represents a side elevation of the chair when folded together.

Similar letters refer to similar parts wherever they occur on the different parts of the drawings.

a a represent the rockers hinged in their forward ends to the front supports *b b* at *c c*. The supports *b b* extend upward above the seat *d*, forming the back *e e* of the chair. In their rear parts the rockers *a a* are hinged at *f f* to the rear supports *g g* that extend upward and forward to the cross-bar *h* that forms the front of the seat *d*. The supports *g g* are jointed at *i i*, as shown, so as to enable me to fold the chair together when not required for use.

The relative distance of the hinge or joint *i* from the cross-bar *h* is such that, when the chair is folded to a position as shown in Fig. 4, the combined distance from the joint *i* to the bar *h*, together with the entire length of the arm-piece *k* that is hinged to the back of the chair at *l*, shall be equal to the distance from *i* to *l*, measured on the back of the chair, or nearly so. The arm-pieces *k k* are hinged in their lower ends to the ends of the cross-bar *h*, or to the upper ends of the jointed supports *g g*. *m* represents a pin or rod secured to each of the front supports *b b*, and made to slide in the slots *n n* on the rear supports *g g*, as shown in Fig. 3. Each of the slots *n n* is provided with a notch or recess, *o o*, in their upper ends, as shown, in which the rod *m* will lock itself, and thus sustain the chair in its proper position when in use. *p q r* represent ordinary stays or braces.

If the chair is in its working position, and it is desired to fold it together, all that is needed is to move the bolt or pin *m* out of the notches *o o*, and to advance the arm-pieces *k k* toward the rockers *a a* till the position shown in Fig. 4 is reached. To unfold the chair when required for use, expand the arms *k k* from the rockers till the bolt or rod *m*, playing in the slotted openings *n n*, reaches the notches *o o*, in which it will lock itself, and thus sustain the chair in its working position, as shown in Figs. 1 and 3.

Having thus fully described the nature, construction, and operation of my invention, I wish to secure by Letters Patent and claim—

The improved folding rocking-chair, consisting of the rockers *a a*, jointed rear supports *i i g g*, having slots *n n*, and recesses *o o*, in combination with the front supports *b b* with the rod *m*, and the arm-pieces *k k*, and the cross-bar *h*, substantially as and for the purpose set forth and described.

In testimony that I claim the foregoing as my own invention, I have affixed my signature in presence of two witnesses.

WILLIAM C. OVENDEN.

Witnesses:

F. A. GASKILL,
A. L. JOHNSON.