

W. B. Kimball,

Rocking Chair.

No. 101,472.

Patented Apr. 5, 1870.

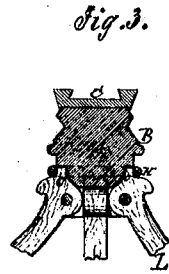
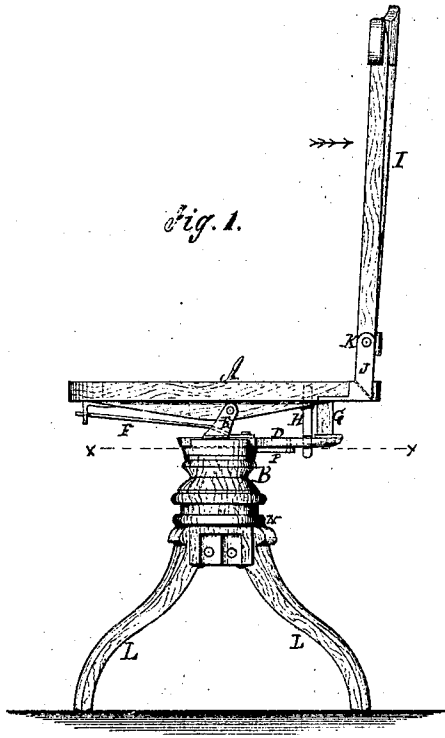
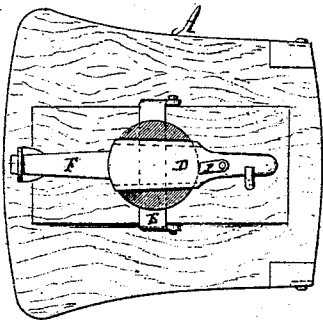


Fig. 2.



Witnesses:

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PER

Attorneys.

United States Patent Office.

WILLIAM B. KIMBALL, OF PETERBOROUGH, NEW HAMPSHIRE.

Letters Patent No. 101,472, dated April 5, 1870.

IMPROVED FOLDING CONVERTIBLE CHAIR.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, WILLIAM B. KIMBALL, of Peterborough, in the county of Hillsborough and State of New Hampshire, have invented a new and useful Improvement in Folding Convertible Chair; 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 make and use the same, reference being had to the accompanying drawings forming part of this specification.

The object of this invention is to construct a chair which may be folded up into a small span, and be converted from an ordinary rigid or stationary-seated chair to a rocking-chair, and *vice versa*.

It consists in the construction and arrangement of parts, as hereinafter more fully described.

In the accompanying drawing—

Figure 1 represents a side elevation of the chair.

Figure 2 is a view of the under side of the seat looking up from the line *x x* of fig. 1.

Figure 3 is a sectional detail view of the pedestal showing the dovetail-groove by means of which the seat is connected with the pedestal, and the manner in which the legs are hinged thereto.

Similar letters of reference indicate corresponding parts.

A is the seat, which is removably connected with the pedestal B by means of a dovetail-groove, C, in the ends of the pedestal, as seen in fig. 3, and a dovetail-plate, D, connected with the seat by the strap E, which strap is pivoted to the bottom of the seat, so that the plate D and seat may be made to rock back and forth.

F and G are springs which are made to act upon the dovetail-plate D when the plate is unlocked, so that the seat may rock.

H is a key which hangs down from and turns in the bottom with a slot which receives the edge of the plate D, as seen in fig. 1, and acts, when thus turned, as a stop to the rocking motion of the seat.

When H is turned back the action of the springs are brought to bear, and the chair is converted into a rocking-chair.

I represents the back of the chair hinged to the seat by the stationary plates J, so that it will fold down onto the seat, the pivotal point being at K.

The back acts as a lever when pressed in the direction of the arrow, K being the fulcrum, and the miter-joint, seen in dotted lines, the point of resistance.

L represents the legs, four (more or less,) in number, pivoted or jointed to the bottom of the pedestal in radial slots, as seen in the drawing.

The top of each leg has a lip, O, projecting upward, as seen in fig. 3.

N is a sliding ring on the pedestal, which slips down over the lips O and holds the legs expanded, as seen in fig. 1.

When this ring is raised the legs are released, and may be folded together so as to take up but little space.

The dovetail-plate D is readily slipped from the pedestal by turning round the little holding-finger P, so that the seat and back may be packed separately from the pedestal and legs if desired.

The dovetail-plate C, forming the top of the pedestal, may be connected with the pedestal by a central screw, so as to make the seat adjustable as to height as well as position, without moving the legs, like the ordinary pivot-chair.

The advantages of this arrangement are many, and must be obvious to all.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

1. The springs F and G and the key H, in combination with a chair, by means of which the rigid seat is made a rocking seat, substantially as described.

2. The ring N and lips O, by means of which the legs are held expanded, substantially as described.

WM. B. KIMBALL.

Witnesses:

EZRA M. SMITH,
ALBERT S. SCOTT.