

G. Gardner,

Chair.

No. 111,053.

Patented Jan. 17, 1871

Fig. 2.

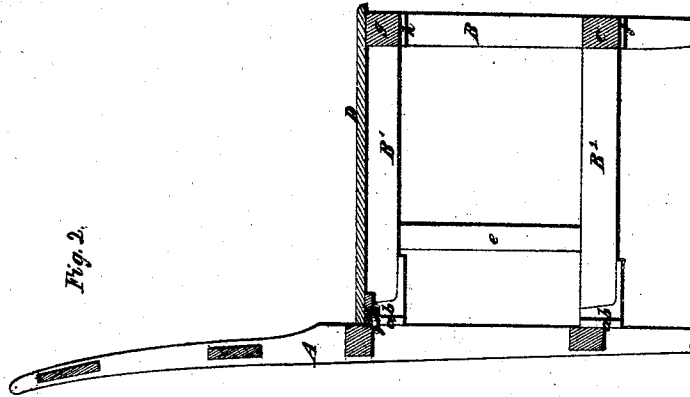
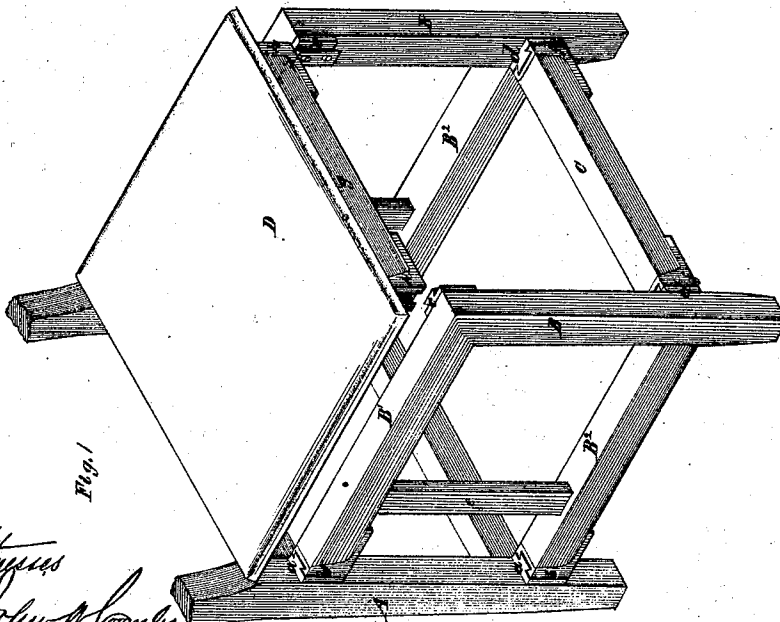


Fig. 1.



Witnesses
John M. Connelley
Henry J. Brown

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GEORGE GARDNER, OF GLEN GARDNER STATION, CLARKSVILLE POST OFFICE, NEW JERSEY.

Letters Patent No. 111,053, dated January 17, 1871.

IMPROVEMENT IN PORTABLE CHAIRS.

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, GEORGE GARDNER, of Glen Gardner Station, (Clarksville Post Office,) in the county of Hunterdon and State of New Jersey, have invented a new and improved Portable Chair; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing forming a part of this specification.

The object of this invention is to facilitate the packing of chairs for transportation; and to this end,

It consists in a chair composed of a number of pieces of such shape as to lie flat, or nearly so, when packed, and which are provided with a certain arrangement of such fastenings and a button on the seat of the chair, whereby the button, in locking the seat to the back, locks all the principal parts of the chair together.

In the accompanying drawing—

Figure 1 is a perspective view of a chair constructed according to my invention, showing its seat slightly raised, in order better to represent the fastenings by which it is secured to the frame; and

Figure 2 is a central section of the same.

Similar letters of reference indicate corresponding parts in both figures.

To enable others skilled in the art to make and use my invention, I will describe its construction and the manner of attaching and detaching its several parts.

The back of the chair, with the back legs thereof, form one piece or section, A, which is provided in front, at the point of junction of each of the side-rails of the chair, with a metal plate, *a*, which has an upright dovetailed tongue formed on it, such tongue tapering upward.

Each of the front legs B of the chair, with its side-rails, B' and B'', braced near their rear ends by a cross-brace, *c*, form another piece or section.

These two pieces or sections are provided, at the rear end of each of the side-rails, with plates, *b*, having formed in them taper-dovetailed grooves, which correspond and match with the tongues on the plates *a* of the back, and on the upper portion of the inside of each of the fore legs are tongued plates, *c*, *c*,

and on their lower portions are other plates, *d*, *d*, all similar to those, *a*, *a*, on the piece A.

C is a cross-brace, on each end of which is a taper-dovetail grooved plate, *f*, corresponding with one of the taper-dovetail tongues on the plates *d*.

D is the seat, which has permanently attached to the under side or bottom of its forward portion a rail, *g*, on each end of which there is a plate, *h*, containing a dovetailed groove to match with one of the tongues *c*, *c*, and on the rear of the bottom of the seat is a button, *j*.

The manner of putting the several pieces together is as follows:

The grooved plate *b*, on the ends of the rails B' B'', is slid downward on the taper-dovetail tongues of the plates *a*, provided on the piece A. The grooved plates *f* on the cross-brace C are next slid on the tongues of the lower plates *d*, on the front legs of the pieces B B'. The grooved plates *h*, on the ends of the rail *g* of the seat, are now slid on the tongues of the upper plates *c* on the front legs, and the button *j* is turned so as to extend under the upper rail of the back-piece A, and will prevent the pieces from any upward movement, and the tapering form of the tongues and grooves will prevent their downward movement; consequently they will all be securely locked together.

To detach the parts for packing, the button has only to be turned from under the aforesaid rail of the back-piece, and the parts may then be detached from one another in the reverse order from that in which they were attached.

When put together the several parts securely brace each other, and form a very strong chair.

What I claim as my invention, and desire to secure by Letters Patent, is—

The arrangement of the several fastenings and the button or bolt *j* on the bottom, substantially as herein described, whereby the several parts of the chair are locked together by the act of fastening the seat.

GEO. GARDNER.

Witnesses:

HENRY T. BROWN,
JOHN W. COOMBS.