L. HEYWOOD.
Chairs.

No. 134,545. Patented Jan. 7, 1873.

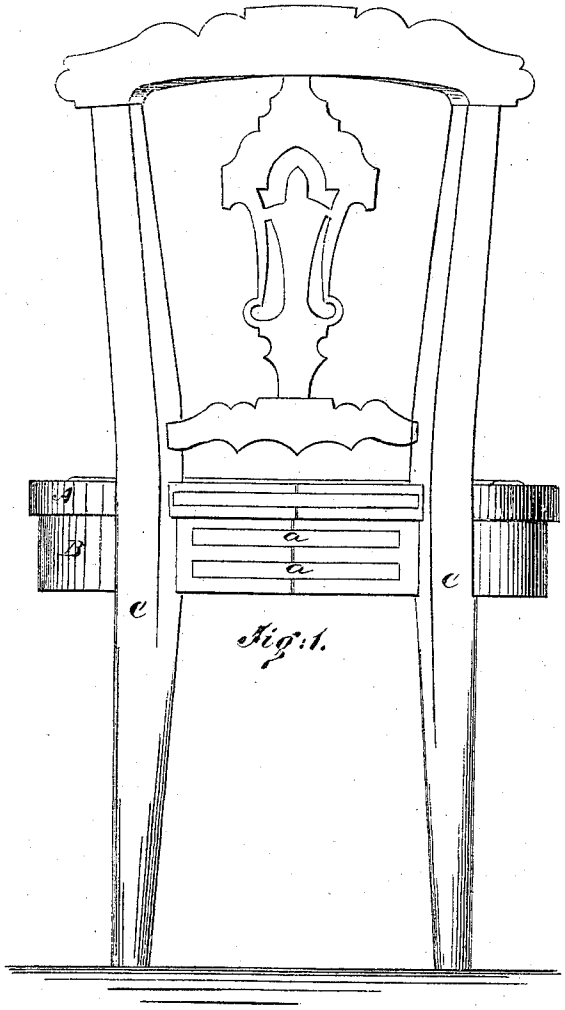


Fig: 1.

Fig: 2.

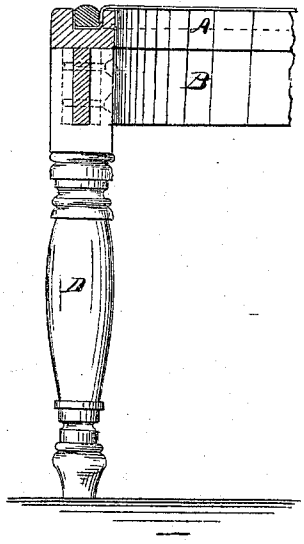
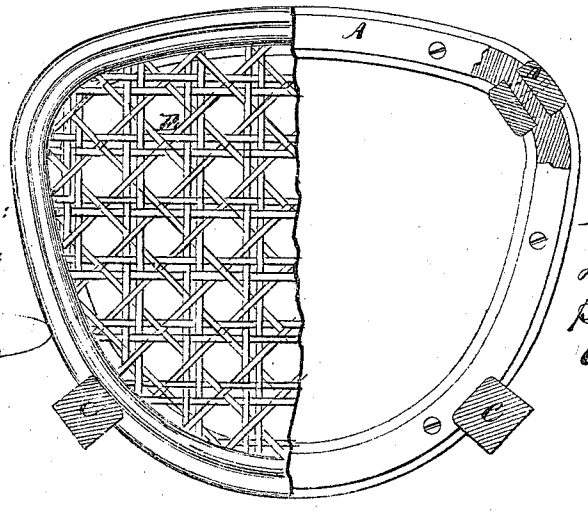


Fig: 3.



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UNITED STATES PATENT OFFICE.

LEVI HEYWOOD, OF GARDNER, MASSACHUSETTS, ASSIGNOR TO HEYWOOD BROTHERS & CO., OF SAME PLACE.

IMPROVEMENT IN CHAIRS.

Specification forming part of Letters Patent No. 134,545, dated January 7, 1873.

To all whom it may concern:

Be it known that I, LEVI HEYWOOD, of Gardner, in the county of Worcester and State of Massachusetts, have invented a new and Improved Chair; and that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

This invention is in the nature of an improvement in chairs; and consists in a chair having a band affixed to and below the seat, to which are secured the legs of the chair, as hereinafter fully described.

In the accompanying drawing, Figure 1 represents a rear view of my chair; Fig. 2, a view showing method of attaching front leg to band; and Fig. 3, a plan or top view, showing front and rear legs in cross-section, mortised to seat-frame and chair-seat.

Similar letters of reference indicate like parts in the several figures.

A represents a chair-seat frame, of any desired size or shape. Secured to the under side of this frame, by screws or other suitable means, is a band, B, which is made of bent wood. The ends of the band are brought together at the rear of the chair, and they are joined together by forming one or more corresponding grooves in the band and fastening therein keys or splines *a a*, which span the joint and secure the ends together in a neat and substantial manner, as shown in Fig. 1. The seat-frame may also be made of wood bent to the proper form, and the ends thereof joined in a similar manner. The seat and band being thus constructed, the rear legs C C are mortised to the seat-frame and also to the band B. The seat-frame projecting beyond the band enables a double mortise to be made in the rear legs, which, of course, adds materially to their strength and ability to bear any ordinary strain they may be subjected to. The rear legs after being thus mortised are secured to the band by screws. The front legs D D are secured to the band B by forming mortises in their upper ends, (see Fig. 3,) within which the band B is received, the ends of the chair snugly abutting against the outer and inner projecting edge of the seat-frame A, so that any downward pressure or weight is received on the ends of the legs. The legs are then held in position by glue and screws.

The chief advantage of constructing a chair in the manner just described is that the band B affords ample surface and a firm foundation for securing the front and rear legs in a manner sufficiently strong to enable them to resist any ordinary wear and tear.

The seat or bottom E is secured to the frame A by a groove and spline, as shown in Fig. 2.

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

A chair constructed with a bent band made as herein described and having the front legs mortised thereto, the rear legs being mortised both to the band and the seat-frame, and extending above the latter to constitute the back of the chair, substantially as set forth.

LEVI HEYWOOD.

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