K. BUCHBERGER.

CHAIR OR THE LIKE.

APPLICATION FILED APR. 10, 1920.

1,372,061. Patented Mar. 22, 1921.

Fig. 1.

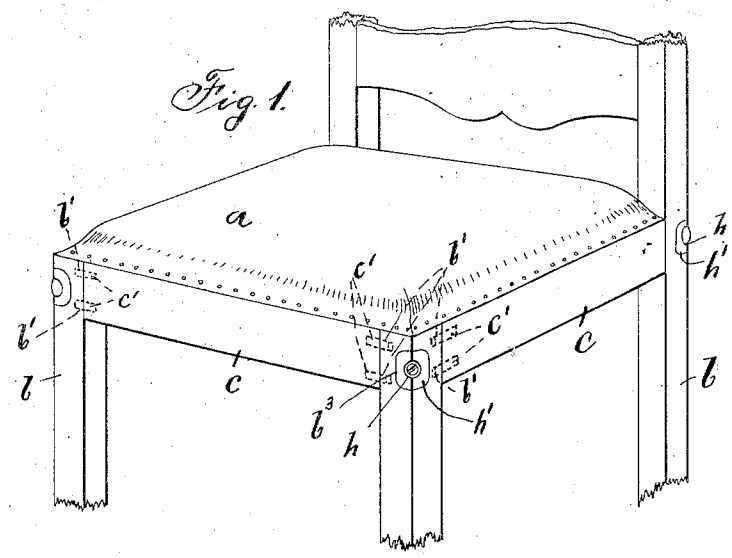


Fig. 2.

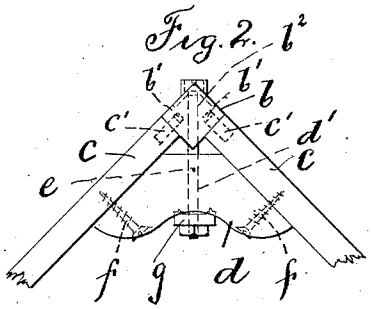


Fig. 3.

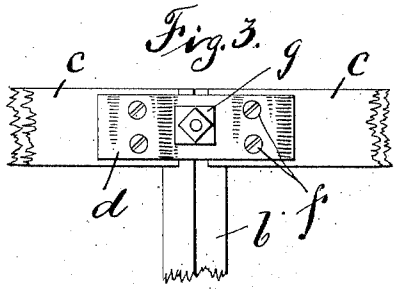


Fig. 4.

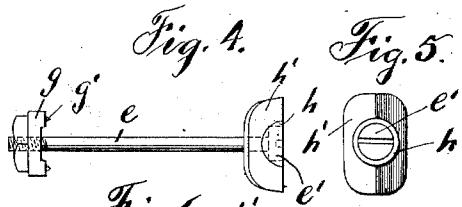


Fig. 5.

Fig. 6.

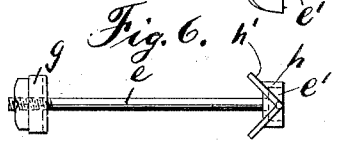


Fig. 7.

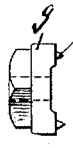
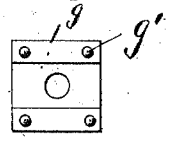


Fig. 8.



Karl Buchberger INVENTOR

BY

Max S. Urdmann

ATTORNEY

UNITED STATES PATENT OFFICE.

KARL BUCHBERGER, OF ALBANY, NEW YORK, ASSIGNOR OF ONE-HALF TO EBERHARDT KREUTZER, OF ALBANY, NEW YORK.

CHAIR OR THE LIKE.

1,372,061. Specification of Letters Patent. Patented Mar. 22, 1921.

Application filed April 10, 1920. Serial No. 372,751.

To all whom it may concern:

Be it known that I, KARL BUCHBERGER, a citizen of the United States, residing at Albany, in the county of Albany and State of New York, have invented certain new and useful Improvements in Chairs or the like, of which the following is a specification.

The present invention relates to chairs or the like, and consists in a novel construction of the means for fastening the legs in position, so that repairs may be readily made, without the necessity for removing the seat or upholstery.

My invention will be clearly understood from the detailed description by reference to the accompanying drawing in which similar characters denote corresponding parts and in which Figure 1 is a perspective view of a chair equipped with my improvement; Fig. 2 is a top plan view of a corner of the frame carrying the seat, showing the attachment of the legs thereto; Fig. 3 is an inner view of said corner and Figs. 4 to 8 are details of the tightening means.

In the drawing *a* denotes the seat of the chair carried by a frame composed of wooden bars *c* to the inner faces of which are fixed by screws *f* corner pieces *d*. In the free corner spaces between the adjacent ends of the bars the legs *b* are fitted.

Usually the legs *b* are glued or otherwise stationarily fixed to said bars. Such construction has been found to be objectionable, for the reason that when a leg becomes loose or detached it necessitates the removal of the seat, upholstery or both to enable repairs.

To obviate this drawback, I provide the following construction:

The legs *b* rest loosely in the corners between the bars *c*. Each bar *c* has fixed to its ends two or more metal pins *c'* adapted to loosely engage bores *b'* provided in the opposite surfaces of the legs *b*. Extending transversely and centrally through each corner piece *d* is a bore *d'* and a cross bore b^2 is provided in each leg *b* in extension of said bore *d'*. These bores b^2, *d'* serve for the passage of a screw bolt *e* formed at its outer end with a head *e'* and adapted to project outwardly with its threaded rear end from the corner piece *d* to receive a nut *g*. The nut *g* is provided with prongs *g'* which on tightening the screw bolt cut into the wooden corner piece and hold the nut from turning. The front end of the bore b^2 of each leg *b* may be reinforced by a metal mouth piece *h* formed with an angular oblong base *h'* which is countersunk in a correspondingly shaped groove b^3 of the leg.

By such construction the legs can be clamped tightly in position and are not liable to become loose.

What I claim and desire to secure by Letters Patent is:

1. In a chair, a seat frame composed of side bars having bores in their end faces, corner pieces bearing with their sides on and fixed to the inner face of said bars, legs fitted in the outer corners between adjoining bars, projections on said legs adapted to loosely engage said bores, headed bolts passed through said legs and corner pieces, nuts working on the rear ends of said bolts and formed with prongs adapted to cut into the said corner pieces, and mouth pieces counter-sunk in the said legs and adapted to accommodate the heads of said bolts.

2. In a chair, the combination with side bars, of corner pieces fixed to the inner faces of adjoining bars, legs fitted in the outer corners between adjoining bars and engaged therewith, headed bolts passed through the legs and the corresponding corner pieces, nuts working on the inner face of said bolts and adapted when tightened to become locked to the corner pieces and metallic sockets countersunk in the legs and accommodating the heads of said bolts.

In testimony whereof I affix my signature in presence of two witnesses.

KARL BUCHBERGER.

Witnesses:
MAX D. ORDMANN,
JOSEPH T. MCMAHON.