

No. 648,872.

C. D. KOESER.
CHAIR.

Patented May 1, 1900.

(Application filed Jan. 23, 1900.)

(No Model.)

Fig. 3.



Fig. 1.

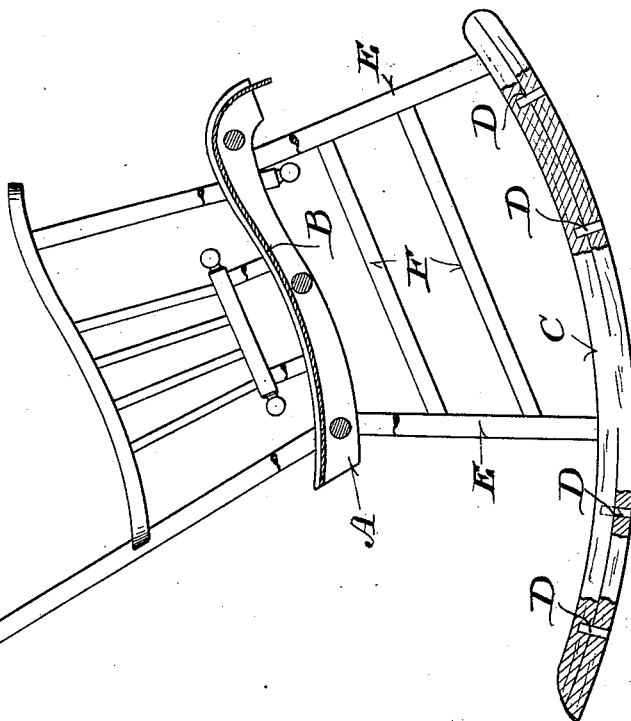
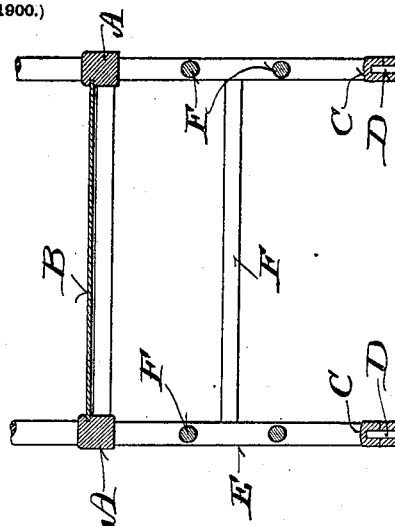


Fig. 2.



Witnesses.
Geo. W. Lounny.
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UNITED STATES PATENT OFFICE.

CARL D. KOESER, OF OSHKOSH, WISCONSIN, ASSIGNOR TO THE BUCKSTAFF-EDWARDS COMPANY, OF SAME PLACE.

CHAIR.

SPECIFICATION forming part of Letters Patent No. 648,872, dated May 1, 1900.

Application filed January 23, 1900. Serial No. 2,554. (No model.)

To all whom it may concern:

Be it known that I, CARL D. KOESER, a citizen of the United States, and a resident of Oshkosh, in the county of Winnebago and State of Wisconsin, have invented certain new and useful Improvements in Chairs; and I do hereby declare that the following is a full, clear, and exact description thereof.

My improvements are designed to obviate structural faults that have heretofore obtained in the manufacture of chairs, especially rocking-chairs having roll-seats of bent veneer; and said improvements consist in certain peculiarities of construction and combination of parts hereinafter particularly set forth with reference to the accompanying drawings and subsequently claimed.

Figure 1 represents a side elevation, partly in section, illustrating a broken rocking-chair embodying my improvements; Fig. 2, a transverse section of same, and Fig. 3 a detail side elevation of a rocker of the chair at one stage of its manufacture.

Referring by letter to the drawings, A indicates each of the side rails of the chair provided with an inner rabbet, and glued in the rabbets are the longitudinal edges of a roll-seat B of bent veneer. By this construction and arrangement of parts I make the seat inseparable from its supporting-frame and materially stiffen the chair, while at the same time the general appearance of said chair is more pleasing than those having similar seats glued down onto the side rails, as has heretofore been the customary practice and open to objection because of the tendency of said seats to loosen.

Each rocker C of the chair herein illustrated is preferably made from a straight piece of straight-grained wood horizontally kerfed toward the center from each end, the kerfs being shown in Fig. 3. After being thus kerfed, the material is bent to proper rocker shape, and the kerfs after being pried open are filled with glue. The glue-filled kerfed portions of the rocker are now tightly clamped until the glue is dry and afterward bored from the bottom at intervals in opposite directions from the center to form recesses for dowels D, that cross the glue-filled kerfs and are themselves glued in place, the advantage of this construction being that it is impossible for the

bent rocker to straighten in the least degree, whereby the common fault of ordinary bent-wood rockers is overcome.

Owing to the fact that ordinary bent-wood rockers straighten somewhat and no two straighten alike chairs provided with such rockers have more or less of a wobbling motion, that is avoided by the utilization of rockers in accordance with my invention.

Posts E, braced by rounds F, are joined at their ends in the usual way to the side rails and rockers aforesaid.

While I have shown one form of rabbit-joints, I do not wish to be understood as confining myself thereto, as it is within the scope of my invention to make open rabbit-joints and cover the otherwise-exposed edges of the seat with strips secured in place. It is also within the scope of my invention to split each rocker-piece while in the straight by sawing from end to end and form a union of the sections by gluing and doweling after bending; but preference is given to a partly-solid and partly-layer rocker.

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

1. A chair having bent-wood rockers horizontally kerfed and glued from the ends toward the center and provided with rigid dowels that cross the gluing at intervals in opposite directions from said center.

2. A chair having bent-wood rockers horizontally kerfed and glued from the ends toward the center and provided with rigid dowels that cross the gluing at intervals in opposite directions from said center, brace-posts rising from the rockers, rabbeted side rails on the posts, and a seat made fast at edges thereof in the rabbets.

3. A chair having bent-wood rockers in which layers of the material are glued together one upon another, and dowels in rigid union with the layers.

In testimony that I claim the foregoing I have hereunto set my hand, at Oshkosh, in the county of Winnebago and State of Wisconsin, in the presence of two witnesses.

CARL D. KOESER.

Witnesses:

JAS. H. DONNELLY,
MARGARET GOLDEN.