

A. H. ORDWAY,
CHAIR BASE.
APPLICATION FILED JUNE 8, 1908.

1,007,006.

Patented Oct. 24, 1911.

2 SHEETS—SHEET 1.

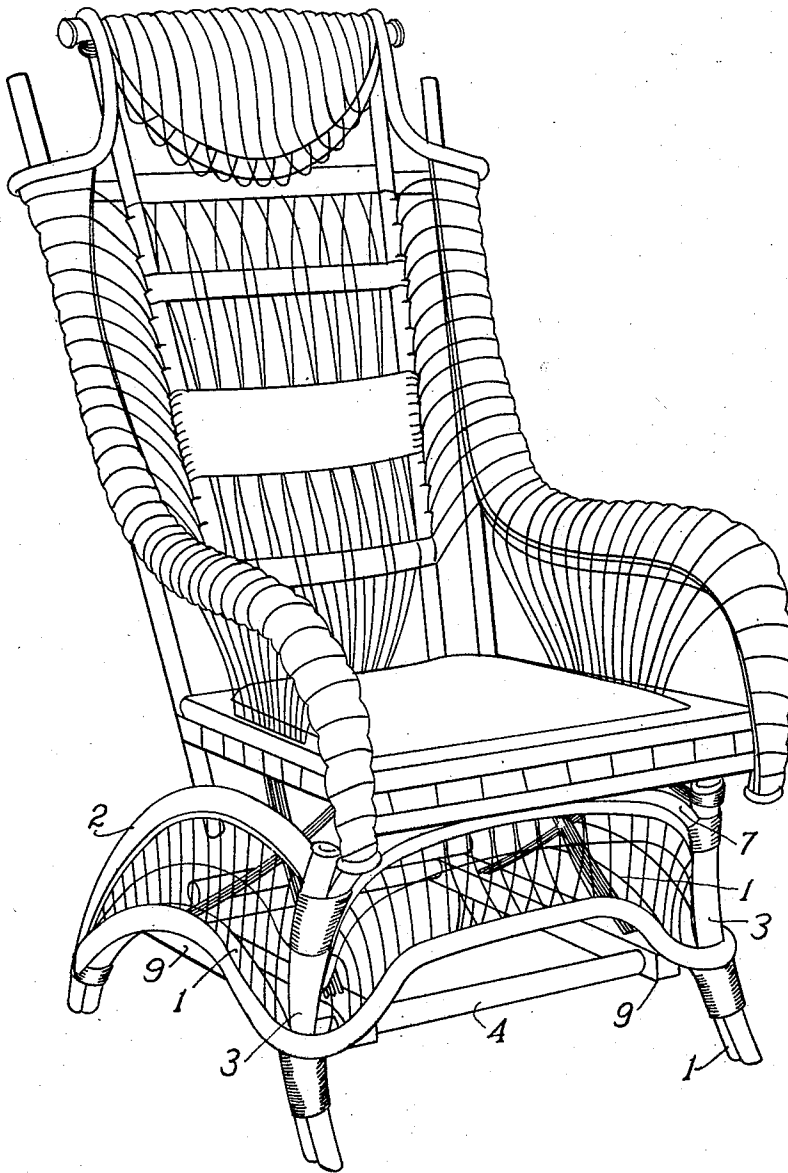


FIG. 1.

WITNESSES

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Jerome C. Smith

INVENTOR
ALBERT H. ORDWAY
BY HIS ATTORNEY

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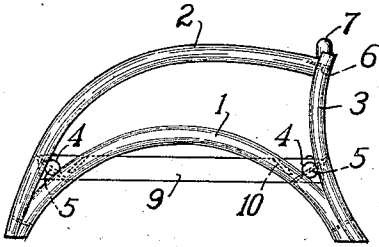


FIG. 2.

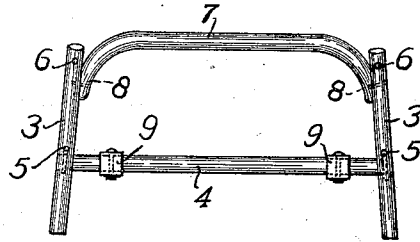


FIG. 3.

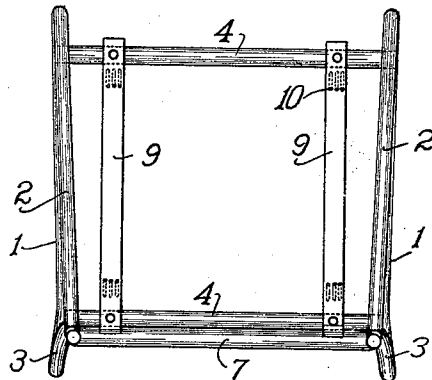


FIG. 4.

WITNESSES

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UNITED STATES PATENT OFFICE.

ALBERT H. ORDWAY, OF SOUTH FRAMINGHAM, MASSACHUSETTS.

CHAIR-BASE.

1,007,006.

Specification of Letters Patent.

Patented Oct. 24, 1911.

Application filed June 8, 1908. Serial No. 437,225.

To all whom it may concern:

Be it known that I, ALBERT H. ORDWAY, of South Framingham, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Chair-Bases, of which the following is a specification.

This invention relates to chair bases.

More particularly, it is designed for platform rocking chairs, but it is applicable to other styles of chairs and articles of furniture.

In the accompanying drawings, Figure 1 represents a chair embodying one form of the invention. Fig. 2 is a side elevation showing the structure of the base. Fig. 3 is a front elevation of the same. Fig. 4 is a plan view of the same.

Referring to the drawings, and particularly to Fig. 2: The side frames of the base each consist of three curved pieces, preferably of bent wood, arranged somewhat in the form of a triangle. They comprise an under arch 1, springing from the rear leg to the forward leg; an upper semi-arch 2, springing from the rear leg forward and upward; and a front piece 3, rising from the front of the under arch 1 and supporting the front of the semi-arch 2. Thus the entire side frame is composed of three pieces, two of which are joined to form one leg, two the other leg, and at the same time two constitute longitudinal pieces and two constitute vertical pieces; and all three rest upon the floor. One tie, or stretcher or "round" 4 is inserted or socketed at the front in the angle between the under arch and the riser, and the other at the rear in the angle between the under arch and the upper arch. At each of these joints a single pin or bolt 5, passing through the round, fastens all three pieces firmly together; and a single pin 6 fastens the pieces 2 and 3 together. Above the front round a single upper spreader 7 is provided, having its ends bent downward into parallelism with the risers 3 (see Fig. 3), to which it is fastened by pins 8. A screen of wicker work

may be arranged below it. There is only one round at the rear. The rocker bed consists of two beams 9, running fore and aft, which sustain the springs on which the upper portion of the chair is mounted, these beams running between the front and rear rounds 4, and the springs being inserted in the front and rear parts of each beam, as indicated at 10 in Figs. 2 and 4. Thus constructed, a light graceful and firm base is provided, composed of very few parts, and with few and simple fastenings, yet abundantly strong. The bent wood construction makes the full strength of the wood available. The suspension of the rounds in the angles above the under arch, as described, makes possible the strong simple fastening, and holds them securely with a truss-like support and balancing of stresses. The curved shape of the truss members adds to the strength; and also the arrangement by which each foot is integral with two of the frame members which thus each contribute their full stiffness.

The upper spreader 7 may be tenoned into the side frame, if preferred, and a similar joint may be made between the pieces 2 and 3. The rounds 4 are also preferably set a little way into the pieces forming the angles where they are situated, as shown in Fig. 2.

In the chair illustrated in Fig. 1 the skeleton structure shown in the remaining figures is represented as covered with an ornamental weaving of wicker work; and in the rocking movement of the chair to and fro the seat and upper parts follow a line harmonious with the curve of the side frame, thus contributing further to the symmetry and unity of the chair.

I claim:

A furniture base, composed of a platform and side supports therefor, in which each side support comprises two arches, of bent wood, convex upward, one superposed on the other, the under arch being complete, the upper arch rising from one foot of the under arch and ending as an incomplete arch approximately over the other foot,

combined with a vertical support fast to
said other foot of the under arch and joined
approximately at right angles to said end
of the upper; the said platform resting in
5 the angles between the said pieces on top
of the under arch.

In testimony whereof I have affixed my

signature, in presence of two witnesses, at
Boston, Massachusetts, this 26th of Novem-
ber, 1906.

ALBERT H. ORDWAY.

Witnesses:

M. E. MURPHY,

EVERETT E. KENT.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."