No. 874,203. PATENTED DEC. 17, 1907.

W. B. JACKSON.

CHAIR.

APPLICATION FILED DEC. 4, 1906.

Fig. 1.

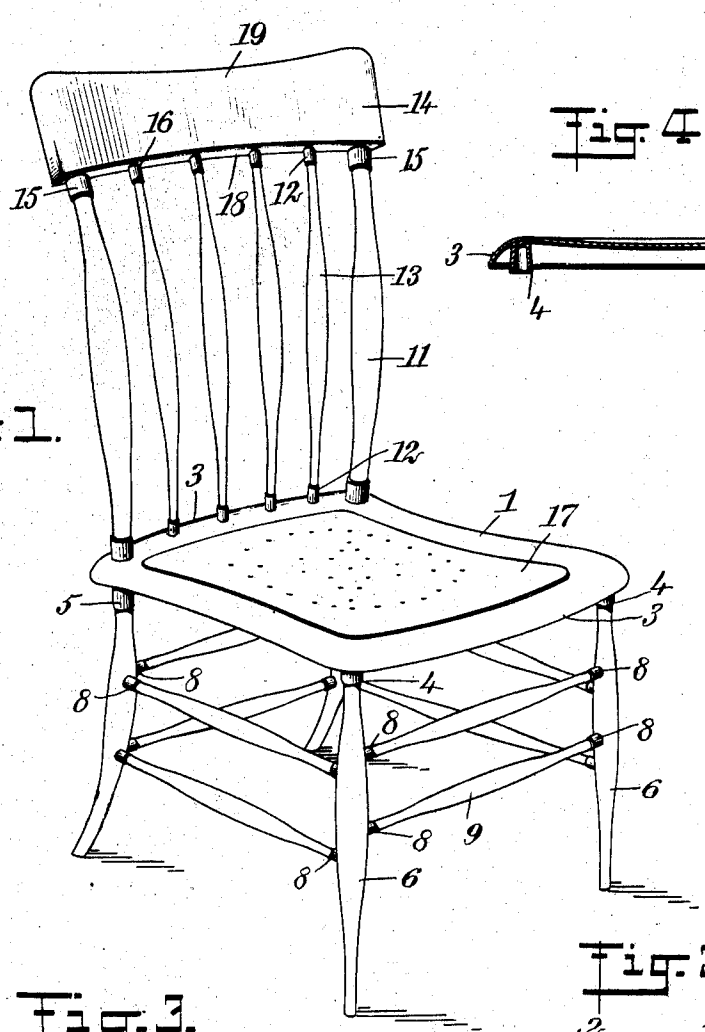


Fig. 4

Fig. 2.

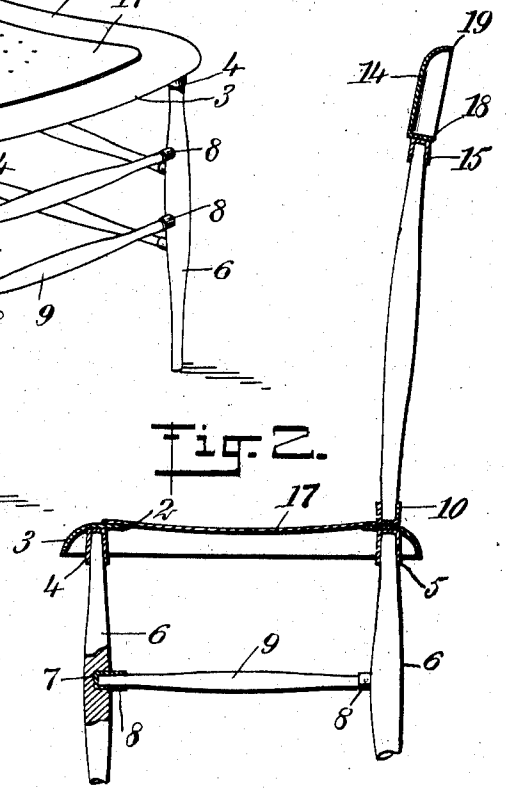
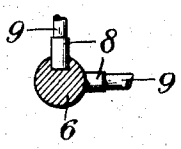


Fig. 3.



WITNESSES

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WILLIAM BARNETT JACKSON, OF NEWFIELD, PENNSYLVANIA.

CHAIR.

No. 874,203. Specification of Letters Patent. Patented Dec. 17, 1907.

Application filed December 4, 1906. Serial No. 346,207.

To all whom it may concern:

Be it known that I, WILLIAM BARNETT JACKSON, a citizen of the United States, and a resident of Newfield, in the county of Potter and State of Pennsylvania, have invented a new and Improved Chair, of which the following is a full, clear, and exact description.

This invention relates to chairs.

The object of the invention is to produce a chair of simple construction, having improved means for attaching the legs, back and braces in position; the general purpose of the invention being to produce a chair which will have great strength though light in weight.

The invention consists in the construction and combination of parts to be more fully described hereinafter and particularly set forth in the claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective of a chair constructed according to my invention; Fig. 2 is a vertical cross section through the upper portion of the chair shown in Fig. 1, a portion of one of the legs being broken away and shown in section; Fig. 3 is a horizontal cross section through one of the legs and illustrating the manner of mounting the braces therein; and Fig. 4 is a vertical section through the chair seat and running in a direction from the front toward the rear.

Referring more particularly to the parts, 1 represents the seat frame of a chair, which frame is preferably formed of sheet metal which is stamped so as to present a central opening 2 and a rounded edge or curved flange 3 extending completely around the frame. At the corners of the frame 1, which frame is of substantially rectangular form, leg sockets 4 and 5 are provided on the under side of the frame. These are formed of suitable metal, and are secured in any suitable manner to the under side of the flange 3. The sockets 4 are disposed at the front of the chair, while the sockets 5 are disposed at the rear, as indicated. These sockets receive the upper extremities of the legs 6, and the sides of the legs are provided with recesses 7 which receive sockets 8 which are substantially similar to the sockets 4 and 5 aforesaid. The sockets 8 are disposed opposite to each other, as indicated and afford means for attaching horizontal braces or rungs 9 which connect the legs and brace them in the usual manner. On the upper side of the seat frame 1 and in alinement with the sockets 5, back sockets 10 are provided, and these sockets receive the side bars 11 of the back, which are set therein in the manner indicated.

Intermediately disposed between the sockets 10, I provide a plurality of sockets 12, which are of small size, and in these intermediate sockets, back slats 13 are received, which extend upwardly between the side bars 11. The side bars 11, together with the back slats 13, support a head-rest 14, which is provided on its lower edge with sockets 15 which receive the ends of the bars 11, and sockets 16 which receive the slats 13. The sockets 15 are similar to the sockets 10 aforesaid, while the sockets 16 are similar to the sockets 12.

The chair is provided with a bottom 17, of cane or similar material, which is attached to the upper side of the frame in any suitable manner.

A chair constructed as described will be found to be very strong at the joints, while at the same time it is inexpensive to manufacture and put together.

Attention is called to the fact that the sockets 5 and 10 are in alinement with each other, so that a weight resting upon the back will be received by the frame 1 directly over the rear legs. This arrangement enables a frame of very light construction to be employed, which is very desirable. Attention is also called to the fact that the flange 3 does not only extend along the front and sides of the chair, but also extends across the rear edge. The primary object of this flange on the sides and front is to prevent the forming of a sharp edge, which might be uncomfortable to a person sitting in the chair, and it also improves the appearance of the chair. At the rear, however, this flange performs an important function in stiffening the frame transversely, so as to take any strains which may come upon the back between the rear legs.

The head-rest 14 is made out of sheet metal, formed with a rearwardly projecting base-flange 18, and it is to this flange that the sockets 12 are attached. The upper edge and ends of the rest are formed, also, into a rearwardly projecting flange 19 which is rounded like the flange 3 of the seat frame.

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

1. A chair, consisting of a sheet metal seat frame having a downwardly curved flange extending entirely around it and provided with a central opening, a bottom secured to the frame over the opening thereof, sockets projecting from the under face of the frame at the front and rear and between the margin and the central opening, legs engaging the sockets of the frame and provided with sockets projecting therefrom, rungs engaging the leg sockets, sockets projecting from the upper face of the seat frame at the rear thereof, the end sockets being larger than the intermediate sockets and in alinement with the rear leg sockets, a metal head rest having a curved flange at its upper edge and ends, and a base flange, sockets projecting from the under face of the base flange of the head rest, the end sockets being larger than the intermediate sockets, and side bars and slats engaging the sockets of the head rest and the sockets on the upper face of the seat frame.

2. A chair, comprising a seat frame, sockets projecting from the under face of the seat frame at the front and rear, the sockets being at a distance from the margin of the frame, legs engaging the sockets of the frame and provided with sockets projecting therefrom, rungs engaging the leg sockets, sockets projecting from the upper face of the seat frame at the rear thereof, the end sockets being larger than the intermediate sockets and in alinement with the rear leg sockets, a head rest provided with sockets projecting downwardly from its lower edge, the end sockets being larger than the intermediate sockets, and side bars and slats engaging the sockets of the head rest and the sockets on the upper face of the seat frame.

3. A chair, comprising a metal seat frame having a downwardly curved flange extending entirely around it, sockets secured to the under face of the seat frame at the front and rear, the sockets being at a distance from the margin of the frame, legs engaging the sockets of the seat frame and connected by rungs, sockets projecting from the upper face of the seat frame at the rear, the end sockets, being larger than the intermediate sockets and in alinement with the rear leg sockets, a metal head rest having a curved flange at its upper edge and ends and a base flange, sockets projecting downwardly from the base flange of the head rest, the end sockets being larger than the intermediate sockets, and side bars and slats engaging the sockets of the head rest and the sockets on the upper face of the seat frame.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM BARNETT JACKSON.

Witnesses:
M. N. JACKSON,
E. M. HILFIGER.