W. D. SCHMITS.

CHAIR.

APPLICATION FILED JULY 6, 1911.

1,004,207. Patented Sept. 26, 1911.

Fig. 1.

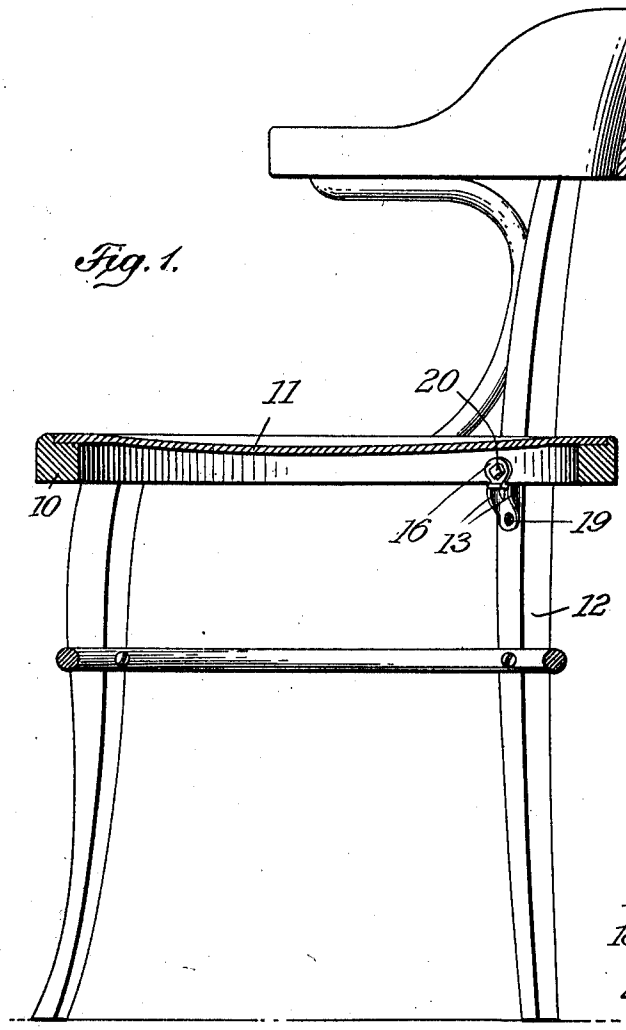
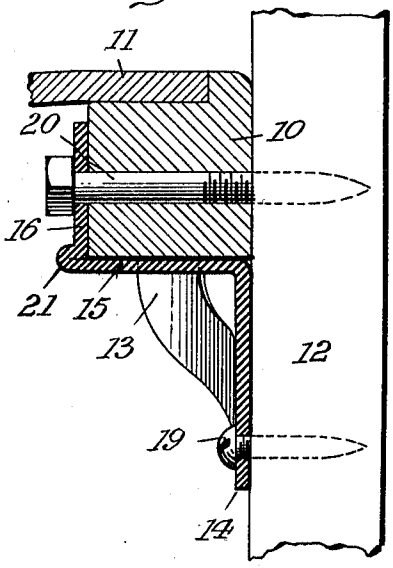


Fig. 2.



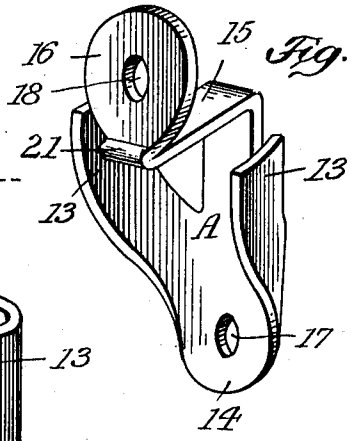


Fig. 3.

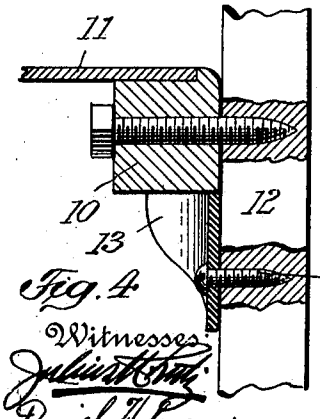


Fig. 4.

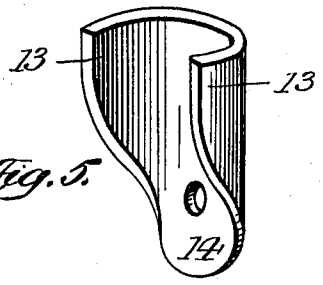


Fig. 5.

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CHAIR.

1,004,207. Specification of Letters Patent. **Patented Sept. 26, 1911.**

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To all whom it may concern:

Be it known that I, WALTER D. SCHMITS, a citizen of the United States, residing at New York city, county and State of New York, have invented a new and Improved Chair, of which the following is a specification.

This invention relates to a chair of novel construction, and more particularly to new and efficient means for bracing the rear chair legs and for simultaneously forming an auxiliary support for the seat.

In the accompanying drawing: Figure 1 is a vertical section of a chair embodying my invention; Fig. 2 an enlarged vertical central section through one of the braces and adjoining parts; Fig. 3 a perspective view of the brace; Fig. 4 a section through part of a chair showing a modification of the brace, and Fig. 5 a perspective view of the modified brace.

The chair is provided with a seat frame 10, a suitable bottom 11 and back legs 12 directly attached to frame 10 as usual. In addition to this direct connection there is provided an additional connection between each leg and the frame, said additional connection consisting of the brace A, more fully shown in Fig. 3. This brace is trough-shaped on top, and gradually tapers or decreases in width from the top toward the bottom, thus forming in substance two wings 13 running out into a common tip 14. With the construction shown in Fig. 3 the wings 13 are spaced at their upper ends and flank a bent forwardly extending arm 15, provided at its free end with an inner upwardly extending lug 16. Tip 14 is perforated as at 17 while lug 16 is perforated as at 18 for the respective reception of a fastening screw 19 and bolt 20. The upper edges of wings 13 lie in a common horizontal plane and are adapted to underlie the seat frame 10, the correlation of the parts being such that the length of the horizontal portion of arm 15 corresponds substantially to the distance of the chair leg from the inner side of frame 10.

In use, the brace constructed as described is fitted beneath the seat frame so as to tangent with its convex back, that portion of the chair leg which is located directly below such frame and to engage with its upper edge, the lower side of the frame. The tip 14 of the brace is now attached to the chair leg at a distance below frame 10 by screw 19, while the lug 16 extends upwardly along the inner side of the frame and is connected thereto by bolt 20. In this way the leg will be thoroughly braced, while the seat receives an auxiliary support in front of each rear chair leg, it being of course understood that each of such legs is provided with a separate brace.

Between arm 15 and lug 16 there is preferably formed a fold 21 which on being opened up more or less permits the distance between lug 16 and tip 14 to be adjusted, so that the device is adaptable to seat frames of different widths.

With the construction shown in Figs. 4 and 5, the two wings 13 of the trough-shaped tapering brace merge into each other, while the arm 15 as well as the lug 16 are dispensed with. With this construction also the brace is so applied that it tangents the leg beneath the seat frame and that its upper edge constitutes a bearing for such frame opposite the leg.

I claim:

1. A chair provided with a seat frame, a rear leg, a trough shaped brace arranged tangentially to the leg and having a pair of wings that are adapted to support the seat frame, and means for securing the brace to the leg beneath the frame.

2. A chair provided with a seat frame, a rear leg, a trough shaped apertured brace arranged tangentially to the leg and having a pair of wings that are adapted to support the seat frame and an upwardly extending inner apertured lug, means for securing the brace to the leg beneath the frame and means for securing the lug to the inner side of said frame.

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Witnesses:

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