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REINFORCEMENT FOR WICKER CHAIRS

Filed May 28, 1928

Fig. 1.

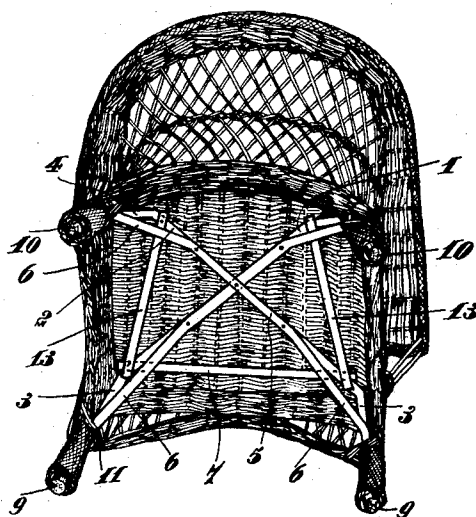


Fig. 2.

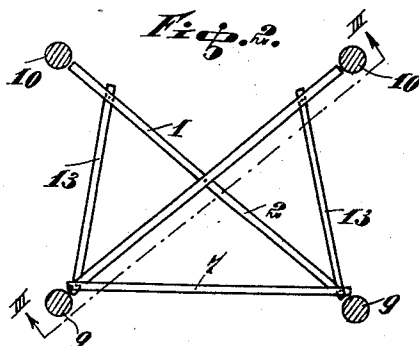
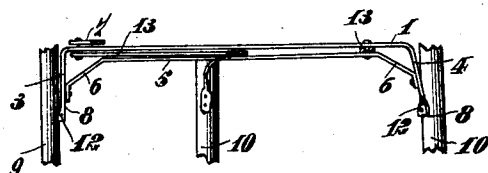


Fig. 3.



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REENFORCEMENT FOR WICKER CHAIRS

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The present invention has relation to an improvement in reenforcements for wicker chairs and the like, consisting of reenforcing the under-frame and the seat of the chairs.

5 The object of the invention is to prevent the chairs from altering their shape and the legs from bending or breaking, and also to reenforce the seat and to give the latter a stronger resistance. This reenforcement is effected
10 by providing, under the seat, a metallic framework, consisting principally of four flat iron bars, arranged diagonally under the seat, two of them being bent to form supports, the
15 two others disposed respectively under the first being bent to form stays of props. A crossbar arranged parallel to the front side of the seat, and two cross-bars arranged parallelly or nearly so to the lateral sides of the
20 seat, complete the framework and render the device incapable of bending in a horizontal direction.

In order to give a certain elasticity to the diagonal bars and thus to provide a more or less elastic seating, firstly, the stays or props
25 do not begin at the meeting point of the diagonal bars, but between said meeting point and their end points, so that the middle portion of the diagonal bars is able to act as spring; secondly, a certain vertical pliancy
30 is given to the whole reenforcing device, through the fact that it is attached only to the legs along the lower ends of the stays and supports, by means of wicker winding and nails.

35 The invention will be hereafter described with reference to the accompanying drawings.

Fig. 1 is an under view of a wicker chair with a metallic reenforcement in its position;
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Fig. 2 is an upper view of the device and a section through the legs;

Fig. 3 is a section along 3—3 of Fig. 2.

The reenforcing device consists principally
45 ly of four metallic bars, the upper bars of

which form the diagonals 1 and 2. The ends of the diagonals 1 and 2 are bent and prolonged to form supports 3 and 4. The two front supports 3 are parallel over their whole
length to the front legs 9. The two rear sup- 50
ports are parallel only over a portion of their length, starting from their ends, to the rear legs 10, and then diverge from them. The two other bars 5 are arranged respectively
55 under the above-mentioned diagonal bars and are parallel to them over a certain portion of their length. They are attached to the diagonal bars 1 and 2, and their ends are bent to form stays 6, which, at their extremities, join the supports 3 and 4. 60

A cross-bar 7, parallel to the front side of the seat and fastened to the angle portion of the diagonal bars, two cross-bars 13, parallel or nearly parallel to the lateral sides of the seat and fastened to the diagonal bars, render
65 the whole device incapable of bending in a horizontal direction.

The lower ends 8 of the stays are lengthened to serve as means to attach the metallic framework to the legs. These lower ends are
70 curved so as to fit exactly on the cylindrical shape of the legs and thus secure a better connection.

The fastening of the device to the legs is effected by means of a wicker winding 11 and
75 with the help of nails 12, which prevent the bars from shifting when they have been in use for some time.

I claim:

A metallic reenforcing device for wicker
80 chairs, comprising two bars arranged diagonally under the seat of the chair, engaging with the underside thereof, and having their ends bent to form supports, the foremost of which extend parallel to and engage with
85 the legs of the chair over their whole length, the rear ones extending parallel to and engaging with the legs of the chair over a certain distance starting from their end and then diverging from said legs, two bars ar- 90

ranged under and engaging respectively with,
over the middle portion of their length, the
first-named bars and having their ends bent
to form props against the said supports, a
5 cross bar extending close and parallel to the
front side of the seat of the chair and fas-
tened to the diagonal bars and two cross bars
extending substantially parallel and close to
the lateral sides of the seat of the chair and
10 fastened to the diagonal bars.

In testimony whereof I signed hereunto my
name.

T. HUYBEN.

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