Sept. 15, 1936. W. A. J. SIMPSON 2,054,487

CUSHION FOR RAILS OF ROCKING CHAIRS

Filed April 19, 1935

Fig. 1.

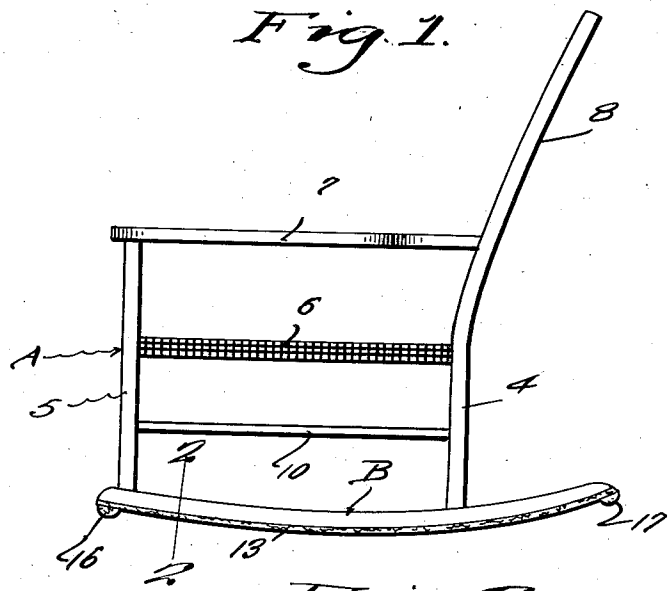


Fig. 2.

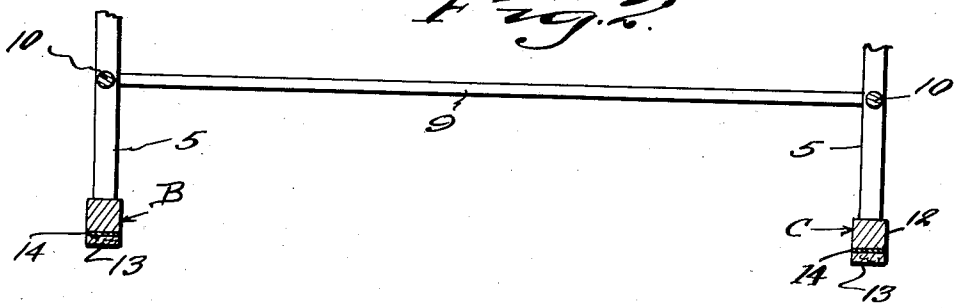
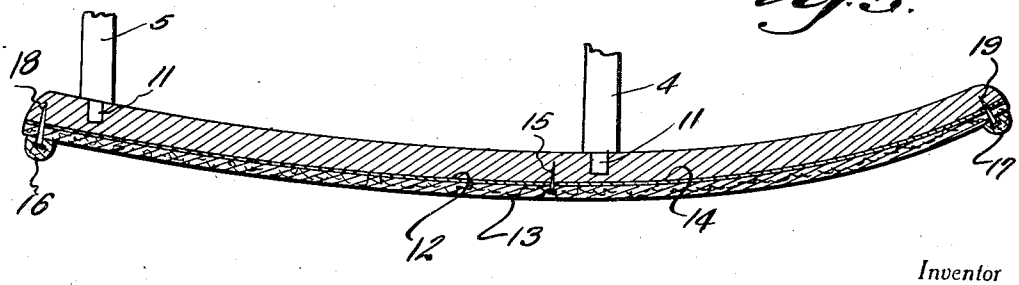


Fig. 3.



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CUSHION FOR RAILS OF ROCKING CHAIRS

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1 Claim. (Cl. 45—137)

This invention relates to cushions for the rails of rocking chairs.

The primary object of the present invention is to provide a cushion to be attached to the faces of the rails on a rocking chair so as to prevent wear and tear on carpets and rugs, that will eliminate any jar in rocking, and which will prevent scratching the floor in event it is desired to slide the chair without lifting it.

Another feature of the present invention is to provide limit stops at the ends of the rails on the rocker to keep from rocking beyond the limits of the rocker.

With the foregoing and other objects in view the invention consists of a novel construction, combination and arrangement of parts as will be hereinafter more specifically described and illustrated in the accompanying drawing wherein is disclosed an embodiment of the invention, but it is to be understood that changes, variations, and modifications may be resorted to without departing from the spirit of the claim hereunto appended.

In the drawing wherein like reference characters denote corresponding parts throughout the several views:

Figure 1 is a side elevation of a conventional rocking chair showing an adaptation therewith of the cushion in accordance with the present invention.

Figure 2 is a fragmentary detailed vertical sectional view taken on a plane of line 2—2 of Figure 1.

Figure 3 is a detailed vertical section through one of the rocker rails of the chair.

Referring to the drawing in detail A indicates generally a rocking chair of the conventional type having rear legs 4 and front legs 5 supporting a seat 6. The chair A is also provided with the customary arms 7 and 8. Between the legs 4 and 5 are transverse rungs 9 and the longitudinal rungs 10.

In constructing the chair any suitable material may be used, and joined to the lower ends of legs 4 and 5 in any suitable manner as by the pintles 11 are a pair of arcuate rocker rails indicated generally at B and C. Each rocker rail is formed in the same manner and a description of one will familiarize the art with the other.

Each of the rocker rails B and C are formed of wood and are of an arcuate configuration to provide the desired rocking motion. The bottom face of the rocker rails is flat. Conformably fitting to the bottom face 12 of the rocker rails is a flat layer of compressible or yielding material 13 and this layer 13 is of uniform thickness throughout the length of the rocker rails. Layer 13 may be formed of felt or sponge rubber and is of the same width and length as the rocker rail. The yielding layer 13 is hermetically sealed to the smooth lower face 12 of the rocker rails by a coating 14 of an adhesive such as glue and in the center each rail has the layer 13 additionally anchored thereto by nails 15 which nails are driven so that the heads are seated below the surface of the layer. At each end of each rail, B, C, there are secured transverse abutment strips 16, 17 which are also made of yielding material such as sponge rubber or felt. These strips are secured to the outer faces of the layer 13 by means of nails 18, 19 which transfix the layer and seat in the rails. The strips 16, 17 provide additional anchorage at the ends of the layers 13 where they are likely to separate from the rocker rails when the glue coating is injured, and the glue coating is more likely to be injured at the ends of the rails from bumping surfaces or objects while moving the chair from one place to another in the room.

Having thus described the invention, what is claimed as new is:

A cushion for wooden rocker rails which have smooth, flat rocking surfaces, comprising a flat layer of uniform thickness one for each rocker rail and formed of yielding material, said layer being of the same width and length as the rocking surface and conforming in shape thereto, dual means for anchoring the layer to the rocking surface, one of said means consisting of a continuous coating of glue between the rocking surface of the rail and the confronting face of the layer, thereby hermetically sealing the layer to the rocking surface, and the other of said means comprising a nail intermediate the ends of the layer transfixing the layer and the glue coating and seating in the rail, abutment strips, one at each end of the layer, bearing on the outer face thereof, said abutment strips disposed transversely of and anchored to the layer by nails embedded in the strips and transfixing the layer and glue coating and seating in the rail, thereby providing additional anchorage for the layers at the ends of the rail.

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