No. 720,882. PATENTED FEB. 17, 1903.

B. J. BUCKMAN.

ROCKER FOR CHAIRS, HOBBY HORSES, &c.

APPLICATION FILED JULY 29, 1902.

NO MODEL.

Fig. 1.

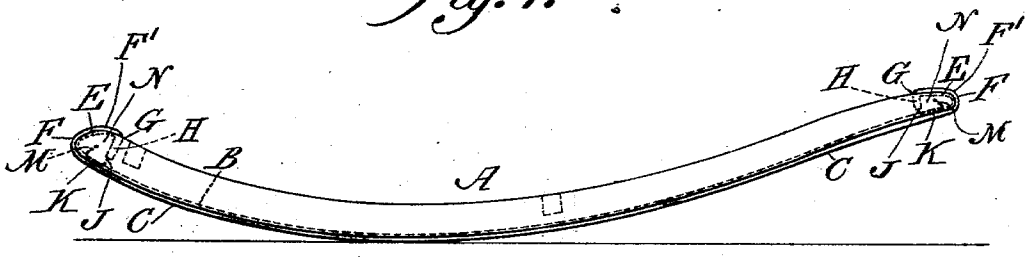


Fig. 2.

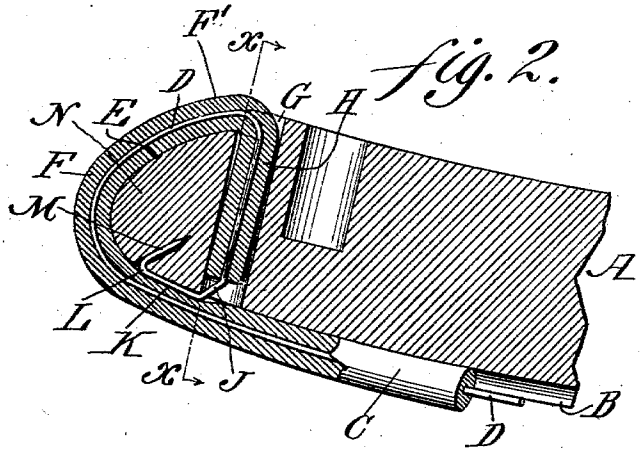


Fig. 3.

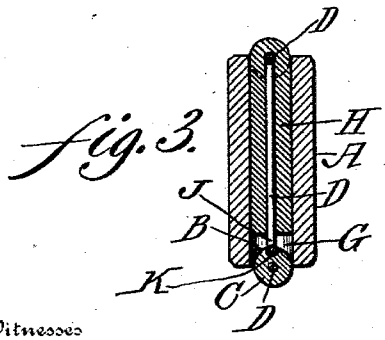
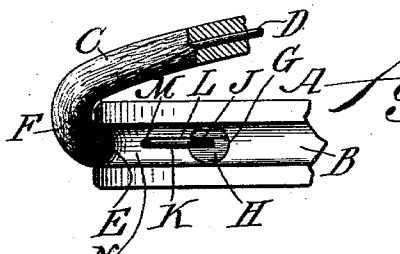


Fig. 4.



Witnesses

L. Bouville,

S. R. Cass,

Inventor

Benjamin J. Buckman.

By Dieterich & Fairbanks,

Attorneys

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

BENJAMIN J. BUCKMAN, OF NEWFIELD, NEW JERSEY.

ROCKER FOR CHAIRS, HOBBY-HORSES, &c.

SPECIFICATION forming part of Letters Patent No. 720,882, dated February 17, 1903.

Application filed July 29, 1902. Serial No. 117,431. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN J. BUCKMAN, a citizen of the United States, residing at Newfield, in the county of Gloucester, State of New Jersey, have invented new and useful Improvements in Rockers for Chairs, Hobby-Horses, &c., of which the following is a specification.

My invention consists in providing a rocker for a rocking-chair, hobby-horse, &c., with a resilient tread or cushion, thus rendering the rocking easy, soft, and comparatively noiseless and avoiding creeping, the tread or cushion having its core converted into a clench, so that it will be firmly secured to the rocker without liability of being disconnected and displaced.

Figure 1 represents a side elevation of a rocker embodying my invention. Fig. 2 represents a longitudinal vertical section of a portion thereof. Fig. 3 represents a transverse vertical section on line *x x*, Fig. 2. Fig. 4 represents a bottom plan view of a portion thereof.

Similar letters of reference indicate corresponding parts in the figures.

Referring to the drawings, A designates a rocker, which may be that of a rocking-chair, a hobby-horse, &c. In the under side of said rocker is the longitudinally-extending groove B, in which is seated the tread or cushion C, of resilient material, in the present case rubber tubing, within which is the wire or metallic core D. In the ends of the rocker are grooves E, which are continuous of the grooves B, a portion F of each tread or cushion being extended from the bottom portion and seated in said grooves E. In the end portion of the rocker are the vertical recesses G G, into which the relative end portions H H of the tread or cushion are bent and inserted, said portions H depending from the top of the rocker into the body of the same and occupying said vertical recesses.

The end portions J of the core are stripped of the rubber tubing and continued in the form of elbows K, the lower limbs L of which are deflected so as to extend along the top wall of the groove B and the other limbs M of which are of the form of spurs, which are driven into the body of the rocker, thus clenching said elbows, and consequently the core, and most firmly connecting the latter with the rocker, whereby the tread or cushion is controlled and tightly held in place without liability of disengagement or displacement.

It is evident that in assembling the parts after the ends of the tread or cushion have been clenched and secured to the rocker the body of the former may be distended and sprung into the grooves B and E and then by contraction close tightly on the walls of said grooves, thus retaining the length of the tread or cushion in position against creeping and lateral spreading from said grooves.

The grooves E are continuations of the groove B and extend upwardly to the top of the rocker, where they join the vertical recesses G, the latter receiving the continued portions H H of a cushion, as above stated.

It will here be noted that the continued portions F H of the cushion form elbows F', which embrace the solid parts N of the ends of the rockers and interlock said portions F H with said parts N, thus preventing the extreme end portions F of the cushion from creeping and being drawn out and unseated.

The recesses G are open throughout the rocker or from top to bottom, so that the portions H of the cushion may be bent into said recesses, and the core may be continued beyond the bottom of the recesses and clenched or stapled into said solid parts N of the rocker. It will also be noticed that the upper corners of the rockers are clad with cushion material, so that the end of the rocker may strike objects in a room without being battered or injured and without battering or injuring said objects.

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

1. In a rocker, a resilient tread or cushion, and means for fastening the same to the rocker, consisting of the core of said tread or cushion, and a spur continuous of said core, the same piercing the rocker and being clenched therein.

2. In a rocker, a resilient tread or cushion, a core in said tread, said core having an elbow on the end thereof, and a spur continuous of said elbow, said spur being clenched to said rocker.

3. In a rocker, a resilient tread or cushion

seated thereon, and a core in said tread, an end of said core occupying a recess in the rocker and formed with a spur which is driven into the latter.

4. A rocker having grooves in the under side and an end thereof, and a recess near the latter, a resilient tread or cushion seated in said grooves, and a core in said tread, the end of said core being adapted to enter said recess and to be clenched in the rocker adjacent to said recess.

5. A rocker having a resilient tread or cushion extending along the bottom, front and top of the rocker, and a portion depending vertically from said top into the body of the rocker and a core in said cushion, said core being extended from said cushion and secured to said body.

BENJAMIN J. BUCKMAN.

Witnesses:
FRANK S. MORRELL,
PERCY F. DERRICKSON.