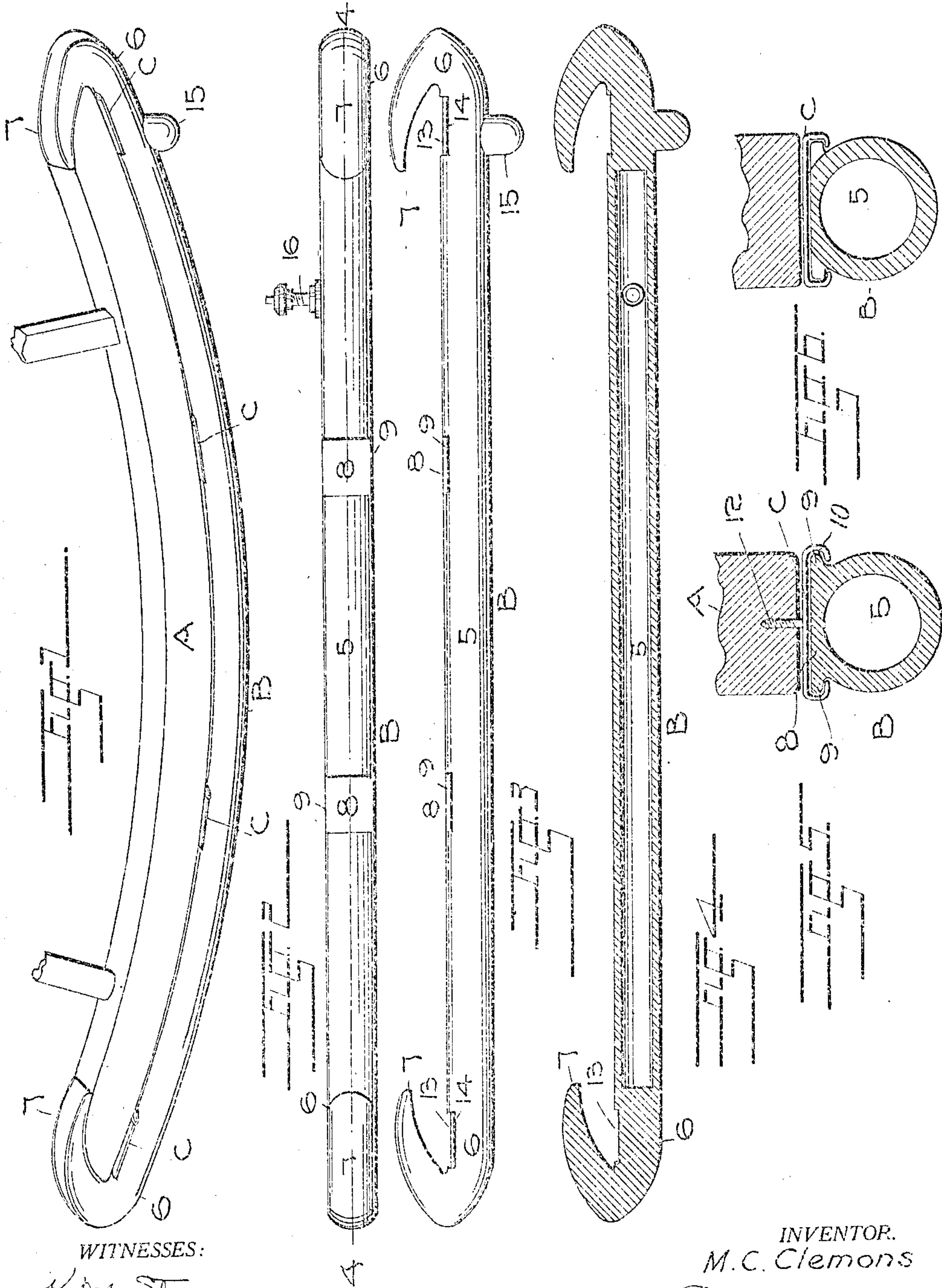


No. 888,224.

PATENTED MAY 19, 1908.

M. C. CLEMONS.
ATTACHMENT FOR ROCKING CHAIRS.
APPLICATION FILED NOV. 21, 1907.



WITNESSES:

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ATTACHMENT FOR ROCKING-CHAIRS.

No. 888,224.

Specification of Letters Patent.

Patented May 19, 1908.

Application filed November 21, 1907. Serial No. 403,214.

To all whom it may concern:

Be it known that I, MELVIN C. CLEMONS, a citizen of the United States of America, residing at Denver, in the county of Denver and State of Colorado, have invented certain new and useful Improvements in Attachments for Rocking-Chairs, of which the following is a specification.

This invention relates to certain new and useful improvements in attachments for rocking chairs and more especially in the device shown and described in the application for patent Serial #358,129, filed by me in the United States Patent Office, Feb. 18—1907; and allowed November, 8—1907.

The object of the present invention is to provide a pneumatic shoe or tread which may readily be applied to the rockers of a chair irrespective of their width or form and which when thus attached, will render the motion of the chair easy and noiseless, avoid creeping and damage to the floor and walls of the apartment or to furniture with which the rockers may come in contact and which will effectively prevent accidental overturning of the chair by excessive forward or backward movement of the occupant. I attain this object by the device illustrated in the accompanying drawing in the various views of which like parts are similarly designated and in which

Figure 1—represents a perspective view of a rocker with my improved shoe or tread in operative position, Fig. 2—a plan view of the detached article, Fig. 3, a side elevation thereof, Fig. 4—a longitudinal section taken along a line 4—4, Fig. 2, Fig. 5—an enlarged transverse section through the rocker and the thereto attached tread and Fig. 6—a cross section illustrating a modified form of the shoe.

Referring to the drawings, let the reference character A designate the curved rocker of a rocking chair, B the improved shoe or tread and C the clips by means of which the latter is held in position underneath the rocker. The tread B is composed of a tubular body 5 made of rubber or other elastic material, which terminates in and is integral with solid heads 6, the extremities of which are recurved to provide the hook-shaped members 7 which, in practice, engage the ends of the rocker to which the device is attached.

The cylindrical body portion 5 of the tread is provided with two or more flat

plates 8, whose upper surfaces are preferably tangent to the circumferential surface of the said portion at its uppermost point and which project laterally beyond the said surface to provide lugs or ridges 9 adapted to occupy seats 10 formed by the down and inwardly bent sides of the before named clips C which, for the purpose of attaching the shoe to the rocker, are secured in engagement with the under surface of the latter by means of centrally disposed screws 12. The solid terminal portions 6, the outer cylindrical surface of which form a continuation of the circumferential surface of the hollow portion 5, are formed with depressions 13 and lateral ridges 14 whose office is analogous to that of the lugs 9.

The depressions 13 are, in practice, occupied by the flat portion of the corresponding clips C, thereby allowing the heads 6 of the shoe to engage the lower surface of the rocker to which the article is attached. The terminal portion 6 which when the device is in position on the chair, engages the rearmost extremity of the rocker A, is provided with a dependent, integral bumper 15 which during excessive backward movement of the chair, engages the floor and thus prevents overturning. A valve 16 extending laterally from the tubular portion of the article in communication with its interior, is provided for the purpose of distending the said portion by forcing air thereinto. In the form illustrated in Fig. 6 of the drawings, the upper portion of the tread has been flattened to form a bearing surface which engages the lower surface of the rocker to which the article is attached.

The shoe is secured to the rocker of a chair by means of the clips C as hereinbefore described and by placing the terminal hook members 7 over the corresponding extremities of the said rocker.

By reason of the pliability of the members 7, they may be adjusted to the rocker irrespective of the shape of its extremities and the terminal portions of the heads 6, when the shoe is in place, present elastic bumpers which effectively avoid damage to the walls of an apartment or to articles of furniture with which they come in contact.

The solid heads extending underneath the extremities of the rocker as well as the bumping block at the rearmost end thereof, prevent overturning of the chair by excessive

movement in either direction, while, when the chair is in motion, they secure the tubular portion of the shoe against damage by unequal distribution of the air contained therein, when, in the extreme positions of the chair, the weight of the occupant is brought to bear upon the extremities of the shoes.

Having thus described my invention what I claim is:—

A device of the class named comprising an elastic cylindrical body including a tubular

portion having a valve-controlled air-inlet and solid terminal portions, the extremities of which are recurved, the said portion having a plurality of plates tangent to its circumferential surface and the said heads having laterally extending depressed seats. 15

In testimony whereof I have affixed my signature in presence of two witnesses.

MELVIN C. CLEMONS.

Witnesses:

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R. M. STUMP.