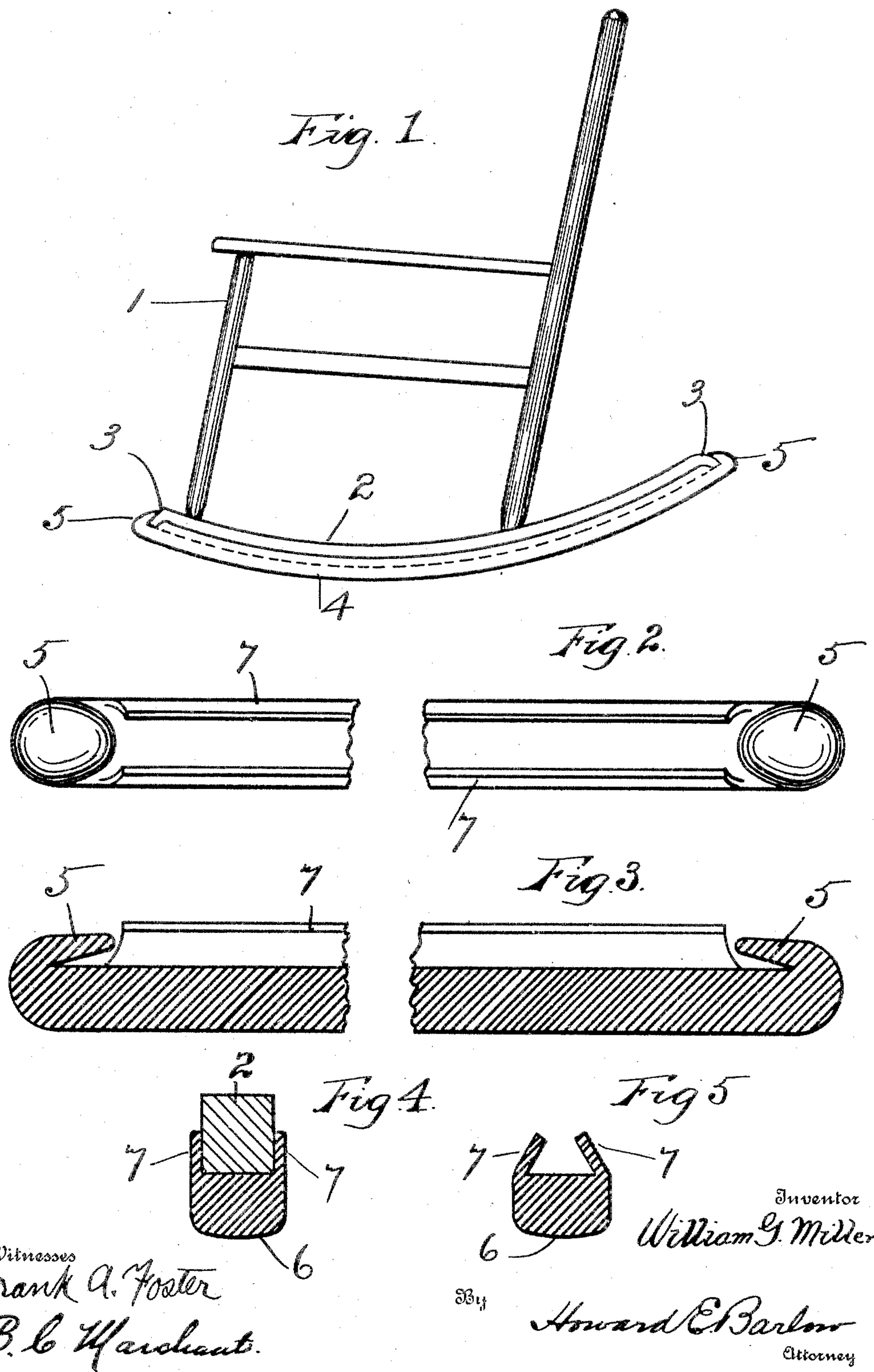


No. 793,946.

PATENTED JULY 4, 1905.

W. G. MILLER.
ROCKER SHOE.

APPLICATION FILED AUG. 23, 1904.



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UNITED STATES PATENT OFFICE.

WILLIAM G. MILLER, OF PLYMOUTH, MASSACHUSETTS.

ROCKER-SHOE.

SPECIFICATION forming part of Letters Patent No. 793,946, dated July 4, 1905.

Application filed August 23, 1904. Serial No. 221,842.

To all whom it may concern:

Be it known that I, WILLIAM G. MILLER, a resident of Plymouth, in the county of Plymouth and State of Massachusetts, have invented certain new and useful Improvements in Rocker-Shoes; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the numerals of reference marked thereon, which form a part of this specification.

This invention relates to pads or shoes for rockers of chairs, cradles, hobby-horses, and the like; and the object of the invention is to provide an elastic and extensible cushion-shoe extending the whole length of the rocker and over the ends thereof, said shoe being adapted to be secured to said rocker by the stiffened upturned lips and flanges on the ends and sides of said shoe, which lips engage the ends and flanges engage the sides of the rocker and by their resiliency grip the rocker and hold the shoe firmly in place thereon. By this construction the shoe may be readily attached to or removed from ordinary rockers of chairs, cradles, hobby-horses, or similar articles without the use of cement, nails, screws, or the like, and by the extensible properties of the shoe it may be readily elongated to fit rockers of different lengths and sizes.

With these and other objects in view the invention consists of certain novel features of construction, as will be more fully described, and particularly pointed out in the appended claims.

In the accompanying drawings, Figure 1 represents a rocking-chair with my improved shoe attached to its rocker. Fig. 2 represents a top plan view of the shoe broken in the center and disconnected from the rockers. Fig. 3 is a central longitudinal section of the shoe broken in the center and disconnected from the rocker, showing the resilient lips on the end in a contracted position. Fig. 4 represents a sectional view of the rocker with the shoe attached thereto, showing the resilient side flanges engaging the sides of the rocker.

Fig. 5 represents a sectional end view of the shoe disconnected from the rocker, showing

the resilient side flanges in a contracted position.

Referring to the drawings, 1 denotes a rocking-chair provided with the usual rockers 2, the ends of which are flattened or beveled inwardly at 3 3, as is usual with most rockers.

At 4 is my improved rocker-shoe, which is made of any suitable elastic material, rubber being preferably used for this purpose. This shoe is constructed with a curved body portion, the bottom of which is slightly rounded at 6 to present as little surface as possible to the floor upon which the chair rests. The top of these shoes engage the bottom of the rockers. On each end of these shoes is a vulcanized or stiffened lip 5 5, which in their normal position lie down almost flat on the body of the shoe, as shown in Fig. 3. The sides of the shoe are provided with flanges 7 7, which do not extend quite the whole length of the shoe, but fall short of the end fingers, leaving both the sides and ends to move independent of each other. These side flanges normally toe in, as shown in Fig. 5, and are also vulcanized or stiffened to some extent to increase their grip or hold on the sides of the rocker.

In applying these shoes they may be stretched to some extent to accommodate themselves to the different sizes of rockers to which they may be attached. The end lips and side flanges are lifted as the shoe is set in place, and when released they grip with great pressure the sides of the rocker and their beveled ends, securely holding the shoe in position without the using of cement, nails, screws, or other fastenings.

It is apparent that a shoe of this construction is extremely simple and practical and easy to attach to the ordinary rocker without marring or defacing the same in any way. It may be also readily removed from the rocker when desired, leaving the rocker in the same condition it was before the shoe was attached.

This shoe is particularly designed and adapted for application to chairs used in hospitals or wherever rockers are used on bare floors.

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

1. A device of the character described comprising an elongated body portion formed with integral longitudinal resilient flanges, and resilient fingers also formed integral with
5 ends of said body and independent of said flanges.

2. A device of the character described comprising an elongated body portion formed with inwardly-converging longitudinal resilient
10 flanges, and inwardly-extended resilient fingers formed with the ends of said body and independent of said flanges.

3. A device of the character described comprising an elongated solid body portion formed with integral longitudinal stiffened flanges, and resilient stiffened fingers formed integral
15 with the ends of said body and independent of said flanges.

In testimony whereof I have hereunto set my hand this 15th day of August, A. D. 1904.
20 WILLIAM G. MILLER.

In presence of—

DAVID H. CONNER,
E. W. BRADFORD, Jr.