

(No Model.)

J. R. McILVRIED.
ROCKING CHAIR.

No. 516,549.

Patented Mar. 13, 1894.

Fig. I

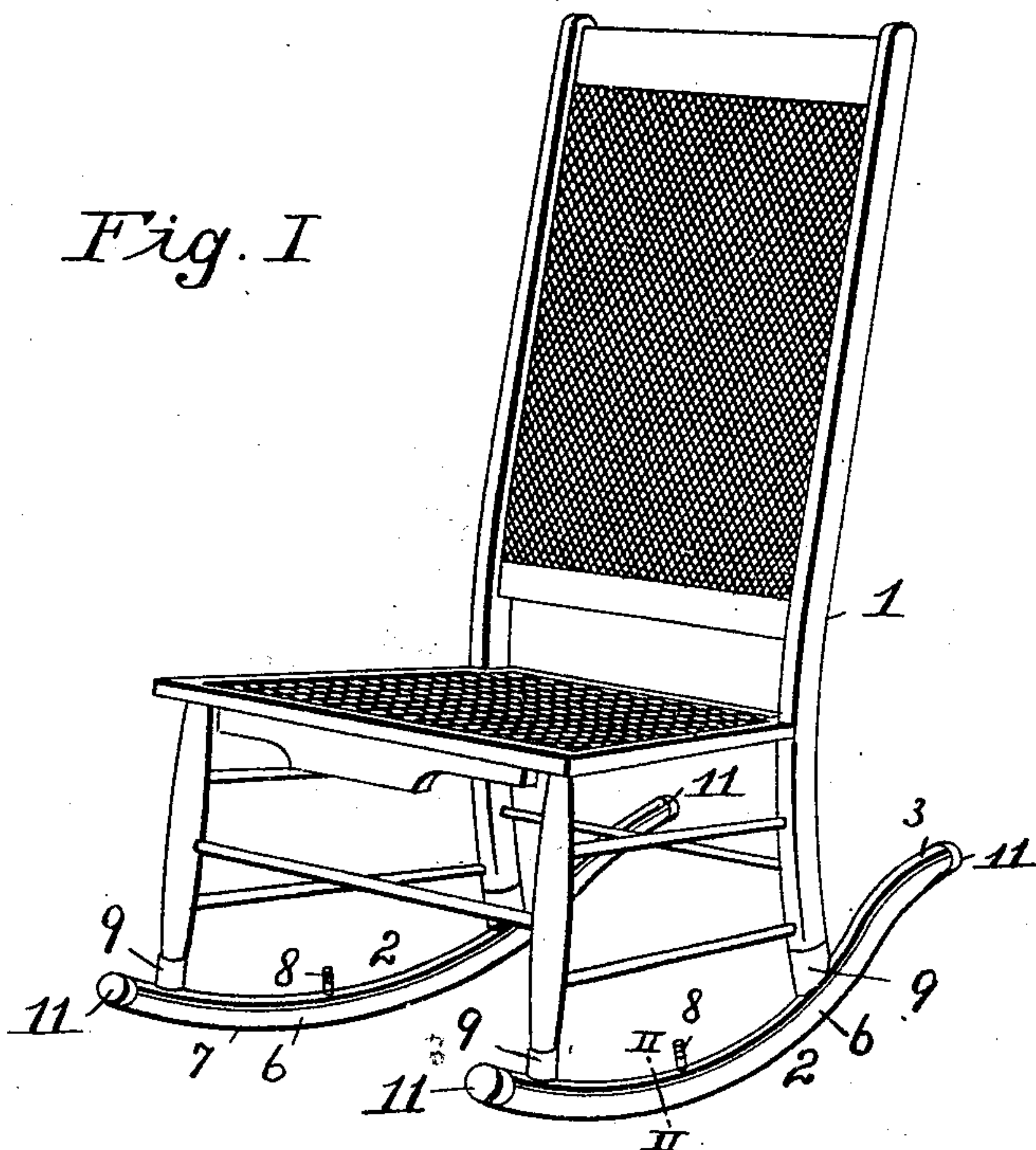


Fig. III.

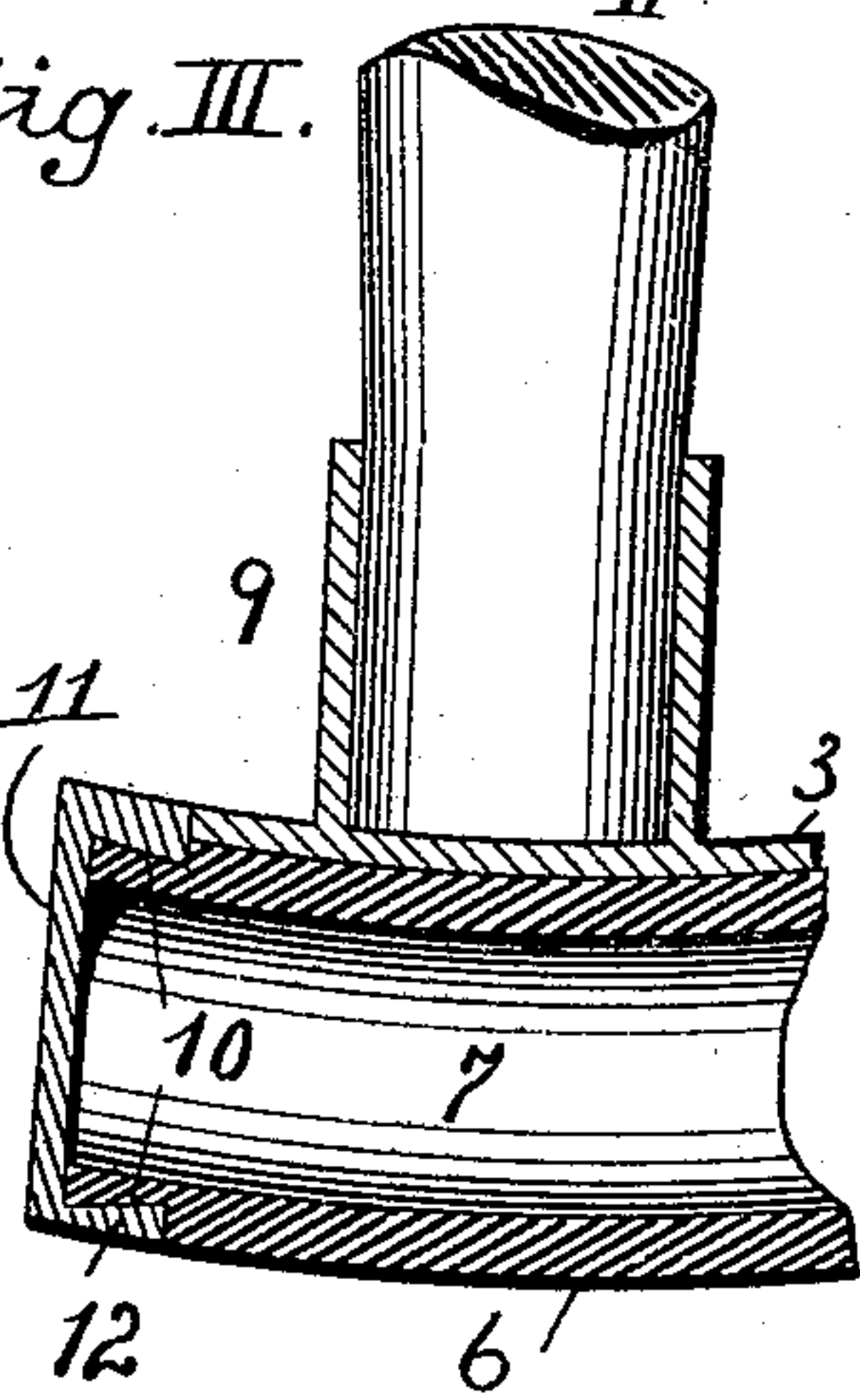
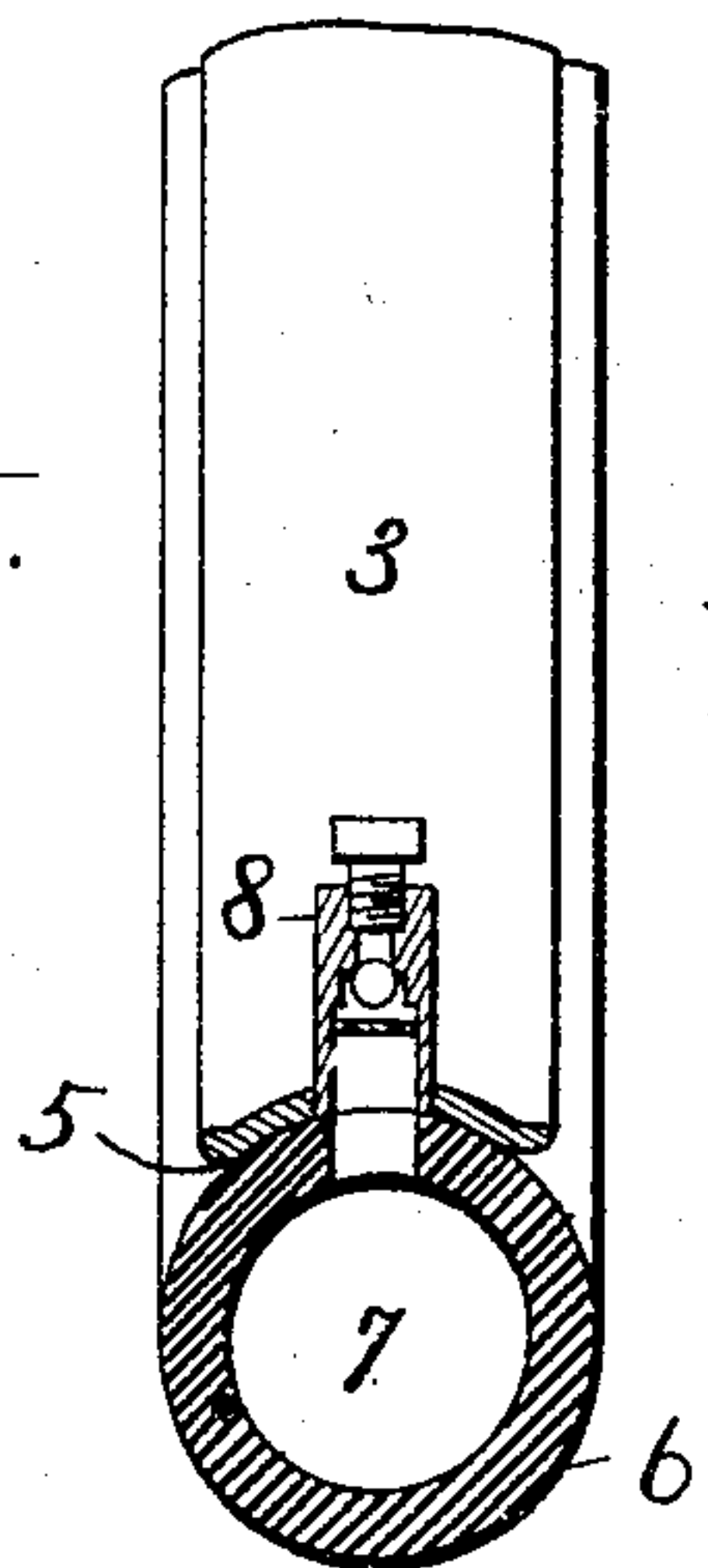


Fig. II.



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UNITED STATES PATENT OFFICE.

JAMES R. McILVRIED, OF KANSAS CITY, MISSOURI.

ROCKING-CHAIR.

SPECIFICATION forming part of Letters Patent No. 516,549, dated March 13, 1894.

Application filed March 27, 1893. Serial No. 467,702. (No model.)

To all whom it may concern:

Be it known that I, JAMES R. McILVRIED, of Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Rocking-Chairs, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to certain new and useful improvements in rocking chairs; and my invention consists in certain features of novelty hereinafter described and pointed out in the claims.

Figure I, represents a perspective of a rocking chair with my improvement attached. Fig. II, is an enlarged detail cross section taken on line II, II, Fig. I. Fig. III, is an enlarged detail longitudinal view of the tread showing one of the means for securing the legs of the chair to the rocker.

Referring to the drawings: 1, represents a rocking chair, and 2, the rockers for the same. The rockers are formed of a metal strip 3, curved lengthwise in the form of the ordinary rocker and having an under concave surface 5, into which is seated and secured an elastic pneumatic tread 6, round in form with a central aperture 7, into which air may be forced through a stem 8, for distending the same, the tread being secured to the rocker by means of glue, cement or other suitable means. The metal portions of the rockers 2, are provided with cups 9, into which the legs of the rocking chair are inserted. Said cups may be made of such a size as to hold the rockers in connection with the legs by frictional contact, so that the rockers may be removed if desired, for re-

pairing the pneumatic tread, or they may be secured by other means if found to be advisable. The ends of the treads are dovetail in form, and extend beyond the strips as shown at 10, and have fitted thereto a cap piece 11, having an annular flange 12, with its inner surface made dovetail in form in order to provide a socket to conform with the end of the tread, the tread being compressed in placing the cap in position, will, when expanded hold the cap securely in connection therewith.

I claim as my invention—

1. A rocker 2, constructed with a metal strip 3 having a concave under surface 5, and an elastic tread 6, secured thereto, having a central aperture 7, and dovetailed ends 10 extending beyond the strips, and provided with cap-pieces 11; each cap piece having a flange 12, formed with a dovetailed socket fitting over the ends of the tread and against the ends of the strips; substantially as described.

2. A rocker 2 constructed with a metal strip 3 having cups 9 for receiving the chair legs and a concave under surface 5, and an elastic tread 6 secured to the under surface of the strip, having a central aperture 7 and dovetailed ends 10 extending beyond the strips, and provided with cap pieces 11; each cap-piece having a flange 12, formed with a dovetailed socket fitting over the ends of the tread and against the ends of the strips; substantially as described.

JAMES R. McILVRIED.

Witnesses:

JAMES E. KNIGHT,
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