

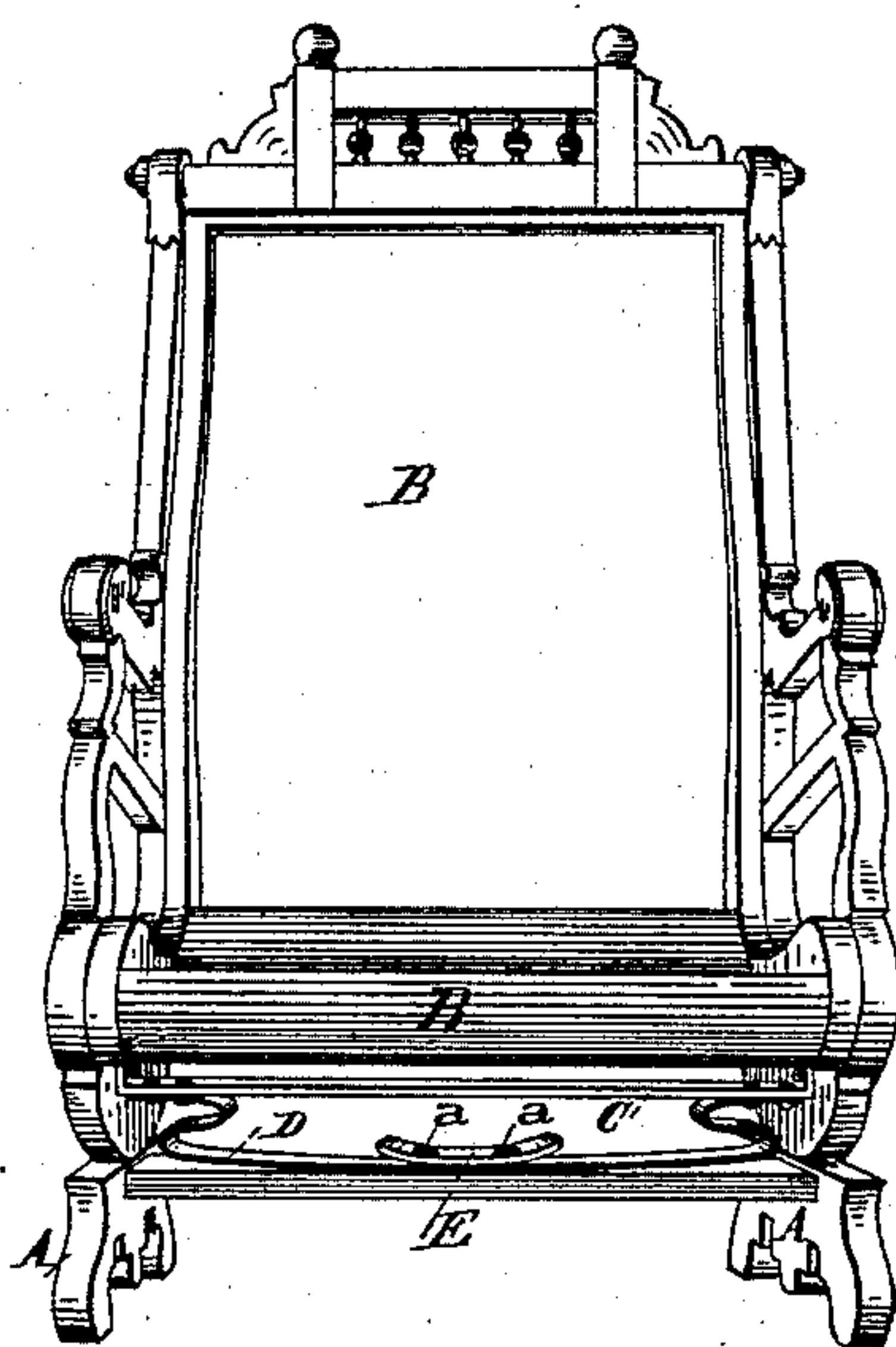
(No Model.)

C. NIEMILLER.

ROCKING CHAIR.

No. 279,879.

Patented June 19, 1883.



Attest
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UNITED STATES PATENT OFFICE.

CHARLES NIEMILLER, OF CINCINNATI, OHIO, ASSIGNOR TO GEORGE
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ROCKING-CHAIR.

SPECIFICATION forming part of Letters Patent No. 279,879, dated June 19, 1883.

Application filed February 23, 1883. (No model.)

To all whom it may concern:

Be it known that I, CHARLES NIEMILLER, a citizen of the United States, residing at Cincinnati, county of Hamilton, State of Ohio, have invented certain new and useful Improvements in Rocking-Chairs, of which the following is a specification.

My invention relates to that class of rocking-chairs in which the rocking member is retained in place and permitted to vibrate upon a stationary platform by a retaining-spring which connects the two parts. Its object is to secure an easy rocking motion, to prevent the rocker sliding upon its base, and to insure the return of the rocker to a proper position, when at rest, without weights, which are now required under the front cross-rail in this class of chairs to counterbalance the back.

With these objects in view my invention consists in certain details of construction and combination of parts, as will be hereinafter described, and pointed out in the claims.

The accompanying drawing is a perspective view of a chair-frame provided with my improvements.

A is the stationary platform, and B the rocking member. These are constructed in the usual manner, may be of any approved design or pattern, and need not be particularly described here.

C is a metal bar passing transversely between the rockers. Each end of the bar is bent up at a right angle, and secured, respectively, to the inside of the rockers by two screws.

D is a steel spring, centrally secured to the cross-brace of the platform A by two bolts, *a*, which also pass through a curved metal piece, E, which is also firmly secured upon top of the spring by the bolts. The ends of spring D are formed into the shape of a letter S. The

ends beyond the curves are securely riveted to the cross-bar C.

The retaining device, consisting of the spring D and bar C, is intended to be manufactured and sold separately, and when secured together is ready for attachment to any chair of this class, and, if desired, the bar C may be left straight, so that the ends may be bent up by the user to suit any width of chair.

After the chair is upholstered and finished the spring is secured upon the cross-brace of the platform. The rocking frame is placed upon the platform and held to the proper position, while the upturned ends of the bar C are secured to the insides of the rockers. By this means I am enabled to adjust the rocking member to any desired position and insure its return to the same position. When at rest the chair will thus be balanced properly, whatever may be the weight of the back, without a counter-weight upon the front rail of the frame.

What I claim as new, and desire to secure by Letters Patent, is—

1. The combination, substantially as specified, of the platform A and rocker-frame B with the cross-bar C and spring D, the said cross-bar being rigidly secured between the rockers, and the spring D being secured centrally to the platform, and its ends bent upward and secured to the cross-bar C.

2. As a new article of manufacture, the spring-connecting device for rocking-chairs of the character described, consisting of the bar C and spring D, the ends of the springs being S-shaped and connected to the bar near the ends thereof.

CHARLES NIEMILLER.

Witnesses:

GEO. J. MURRAY,
JACOB J. GESSERT.