A. DIETSCH.
Rocking-Chair.

No. 203,602. Patented May 14, 1878.

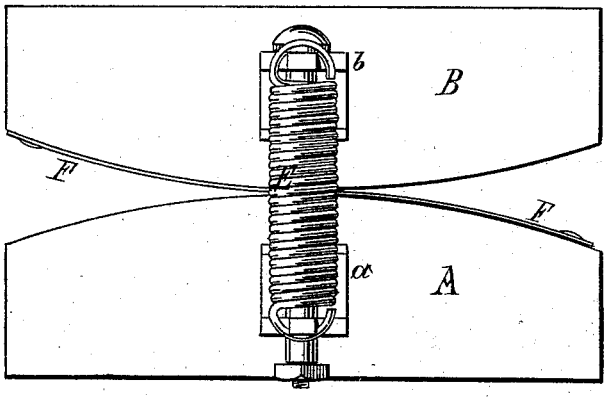

Fig. 1.

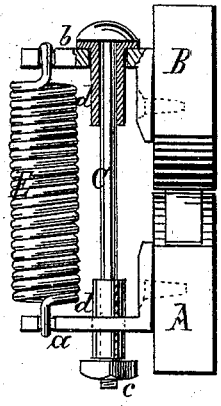

Fig. 2.

Witnesses:
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UNITED STATES PATENT OFFICE.

ANTON DIETSCH, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN ROCKING-CHAIRS.

Specification forming part of Letters Patent No. **203,602**, dated May 14, 1878; application filed March 23, 1878.

To all whom it may concern:

Be it known that I, ANTON DIETSCH, of Chicago, in the county of Cook and State of Illinois, have invented a new and Improved Elastic Attachment to Rocking-Chairs and Cradles, of which the following is a full and accurate description, reference being had to the accompanying drawing, being part of this specification, in which—

Figure 1 is an elevation of part of the rocker and base of a chair or cradle with my attachment applied, and Fig. 2 is a transverse section through the center of the same.

The nature of my invention relates to an attachment by which the curved rocker of a chair or cradle is secured to the base or stand in such a manner that it will hold both the rocker and base in a central position with each other, and yet will yield to the rocking motion of the same; and it consists in the peculiar construction and arrangement of the several parts and their combination with each other.

In the drawing, A is the central portion of the base or stand, which has secured against its inward face a rectangular bracket, *a*, and B is the central portion of the rocker of a chair or cradle, which has a similar bracket, *b*, secured against its inward face. Both these brackets *a* and *b* have holes provided for admitting a vertical bolt, C, having a rounded head and a screw-threaded end holding a nut, *c*. This bolt has to perform the function of a stop for limiting the rocking motion of the chair or cradle, and by means of the nut *c* the extent of said motion can be adjusted. It is provided with an elastic washer under its head, and its shank is covered with rubber hose or other elastic material, *d*, to make its motion noiseless.

The ends of the brackets *a* and *b* are narrowed, and are provided with notches or hooks for holding the looped ends of a coiled spring, E, which spring, during the rocking motion, will be stretched, and will contract again, thereby facilitating the swinging motion of the chair; and in case of breakage or wearing out of the same it can be replaced by a new one by any unskilled person.

To prevent a longitudinal sliding motion of the chair or cradle upon the base, a leaf-spring or flat strip of elastic metal, F, is placed between the base and rocker, its ends being secured, one to the base and the other one to the rocker, so that the same will be bent thereby into a somewhat **S** shape, and, although it will hold the rocker in a central position upon the base, it will permit a free oscillating motion.

As will be noticed, the above-described device will make a strong and durable attachment, which is easily put on, and is effective in its operation.

What I claim as my invention is—

1. In combination with the base A and rocker B, the brackets *a* and *b*, bolt C, having nut *c* and rubber covering *d*, and spring E, all constructed, arranged, and operating substantially as and for the purpose described and shown.

2. In combination with the base A and rocker B, longitudinally coupled together by leaf-spring F, the brackets *a* and *b*, bolts C, and coiled spring E, all constructed, arranged, and operating substantially in the manner set forth.

ANTON DIETSCH.

Witnesses:

GEO. FROMMANN,

JACOB RICHTER.