

W. T. DOREMUS.

Cradles.

No. 138,320.

Patented April 29, 1873.

Fig. 1

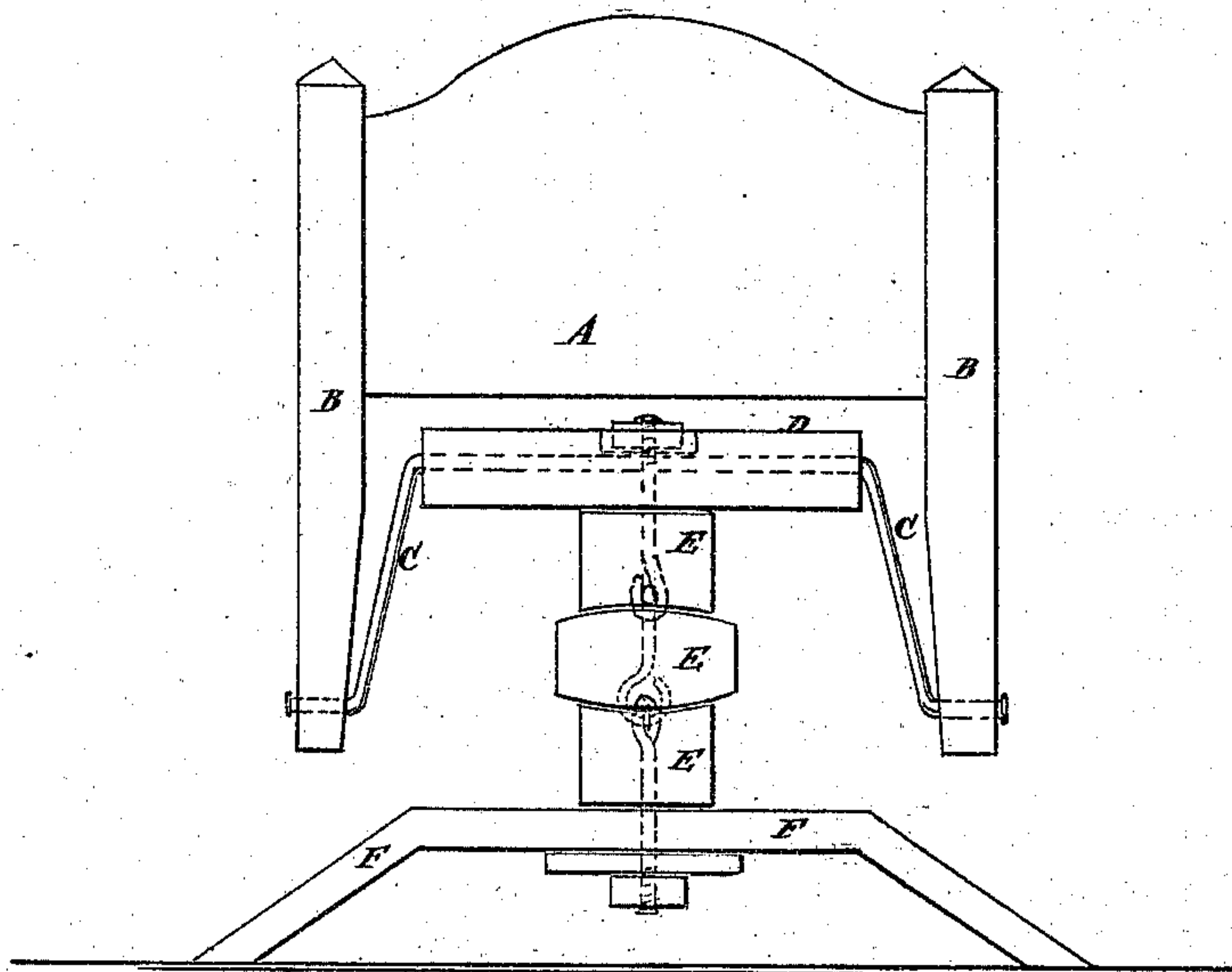
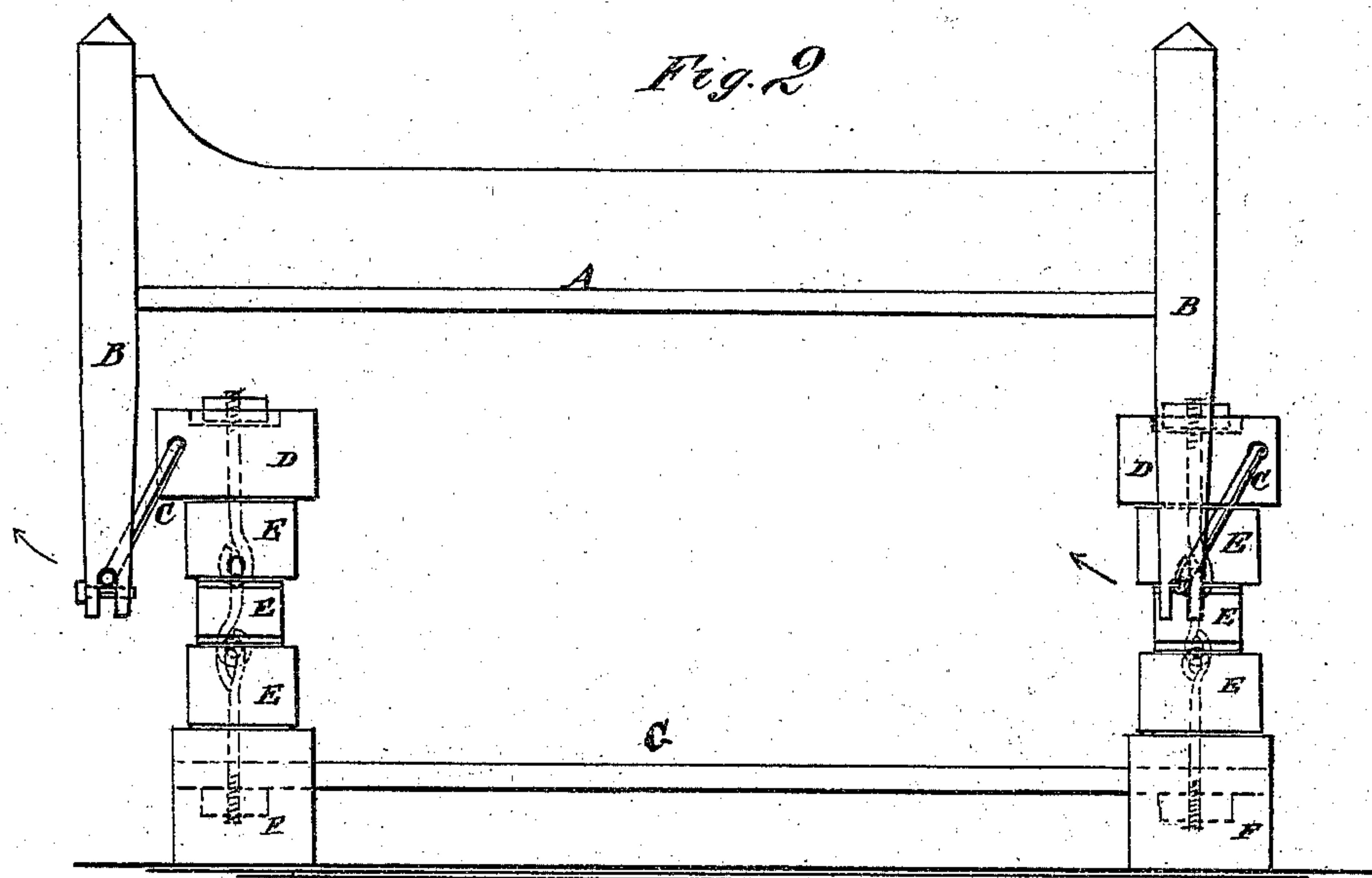


Fig. 2



Witnesses:

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# UNITED STATES PATENT OFFICE.

WILLIAM T. DOREMUS, OF NEW YORK, N. Y.

## IMPROVEMENT IN CRADLES.

Specification forming part of Letters Patent No. **138,320**, dated April 29, 1873; application filed March 8, 1873.

*To all whom it may concern:*

Be it known that I, WILLIAM T. DOREMUS, of the city, county, and State of New York, have invented a new and useful Improvement in Child's Cradle, of which the following is a specification:

Figure 1 is an end view of my improved cradle. Fig. 2 is a side view of the same.

Similar letters of reference indicate corresponding parts.

The invention consists in the improvement of cradles for children, as hereinafter described and pointed out in the claim.

A represents the body of the cradle, to the lower ends of the posts or legs B of which are pivoted detachably the cranks C, which are also pivoted to the ends of the cross-blocks D, so that the cradle A B may be oscillated longitudinally, if desired. The middle parts of the cross-blocks D rest upon and are secured to the tops of the columns E. The columns E are formed by alternate rubber and wooden blocks, placed one upon another, and connected by a jointed or flexible rod, which also passes through the cross-blocks D and foot-blocks F.

The upper and lower sides of the wooden blocks, or of all the blocks, may be rounded off, as shown in Fig. 1, so that the columns E may be flexible.

The flexible or jointed connecting-rods of the columns E should be provided, at one or both ends, with a washer and nut, so that the

wear may be taken up, and the tension of the springs adjusted as required.

The lower ends of the columns E rest upon the foot-blocks F, to which they are secured by the flexible or jointed connecting-rods.

The ends of the foot or base blocks F are inclined; and the said blocks F are made of such a length that their inclined ends may serve as stops for the lower ends of the posts B of the cradle A B to strike against when the cradle is rocked to prevent it from rocking too far.

The foot-blocks F are connected by a bar, G, to prevent them from getting out of their proper relative positions.

By this construction the cradle may be oscillated longitudinally upon the cranks C with a gentle movement; or more vigorously by adding the sway of the flexible columns E to the swing of the said cranks C; or the cradle may be rocked laterally by the sway of the columns E.

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

The flexible supporting-columns E, in combination with the cranks C and cradle A B, substantially as herein described.

WILLIAM T. DOREMUS.

Witnesses:

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