

S. C. OSGOOD.
OSCILLATING CHAIR.

No. 179,597.

Patented July 4, 1876.

Fig. 1.

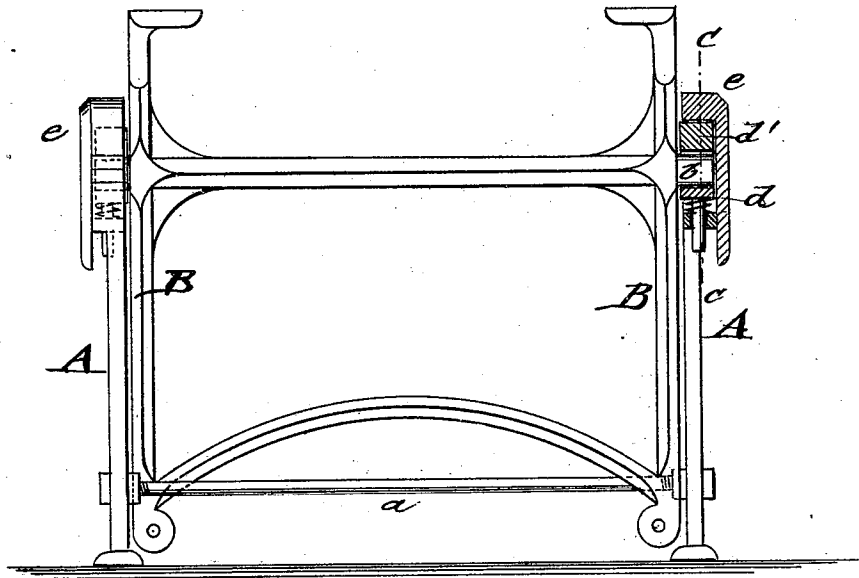
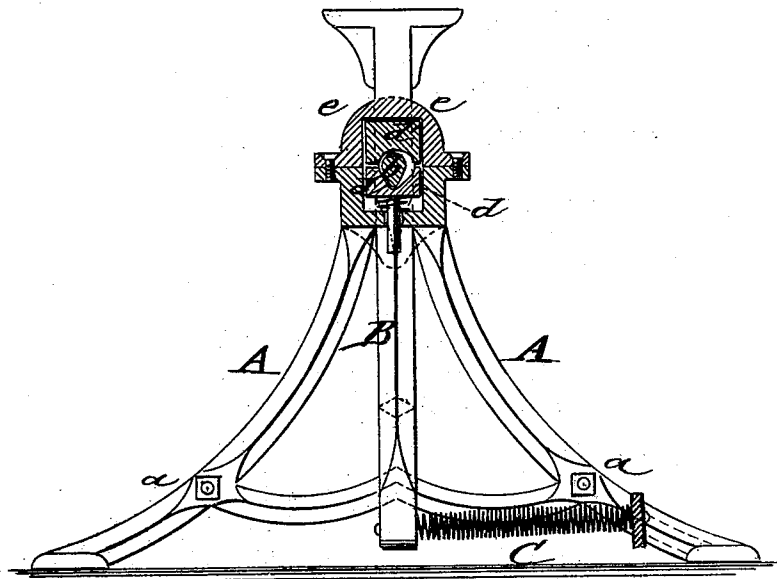


Fig. 2.



WITNESSES:

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STEPHEN C. OSGOOD, OF GEORGETOWN, MASSACHUSETTS.

IMPROVEMENT IN OSCILLATING CHAIRS.

Specification forming part of Letters Patent No. **179,597**, dated July 4, 1876; application filed February 14, 1876.

To all whom it may concern :

Be it known that I, STEPHEN C. OSGOOD, of Georgetown, in the county of Essex and State of Massachusetts, have invented a new and Improved Rocking-Chair, of which the following is a specification :

In the accompanying drawing, Figure 1 represents a front elevation of my improved rocking-chair; and Fig. 2, a vertical transverse section of the same, on the line *c c*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The invention is designed to furnish an improved rocking motion for chairs, car-seats, wagon-seats, cradles, &c., by which an easy and pleasant swinging of the seat is obtained, while the simple and substantial construction provides a solid and reliable rocker.

The invention will first be described in connection with drawing, and then pointed out in the claim.

In the drawing, *A A* are the standards of my improved rocking-chair, which have broad base parts to give a firm and substantial support. The standards *A* are laterally connected by stiffening-rods *a*, secured by screw and jam nuts. In heavy chairs the standards may be placed on casters, so as to be more readily moved about. The seat-carrying frame *B* swings, by knife-edged pivots *b*, on the spring-cushioned bearings *d*, seated in the upper parts of the standards, the spring-cushioning being produced by either spiral springs or rubber, as desired. The bearings are recessed toward the rear part of the chair, to admit the ready backward swinging of the seat-frame *B*. The cushioned bearings *d* and pivots *b* are securely inclosed by top bearings *d'*

and casings *e*, that keep out the dust and prevent the detaching of the swinging seat-frame. The seat is applied in any suitable manner to the bracket-shaped top ends of the seat-frame, to lower ends of which the spiral rocking-springs *C* are applied. The spiral springs *C* are attached to the seat-frame and standards, and impart the rocking motion to the seat-frame by the expansion and contraction of the springs.

The action of the chair is perfectly noiseless and easy, and does not admit the tipping forward beyond a certain point when sitting on the front part of the chair, which feature recommends it especially for office purposes. The springs are not liable to break or get out of order, and may be replaced without difficulty.

The giving of the seat, by means of the cushioned bearings, when sitting down produces a pleasant spring motion, and prevents the abrupt seating which would be the case without this spring action.

The solid and simple construction of the chair renders the same durable, and a rocking motion of a very pleasant and comfortable character is likewise obtained.

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

The combination of the knife-edged pivots of the seat-frame with the spring-cushioned bearings of the standards, to produce the giving of the seat when sitting down, as described.

STEPHEN CARTER OSGOOD.

Witnesses:

J. A. HOYT,
SHERMAN NELSON.