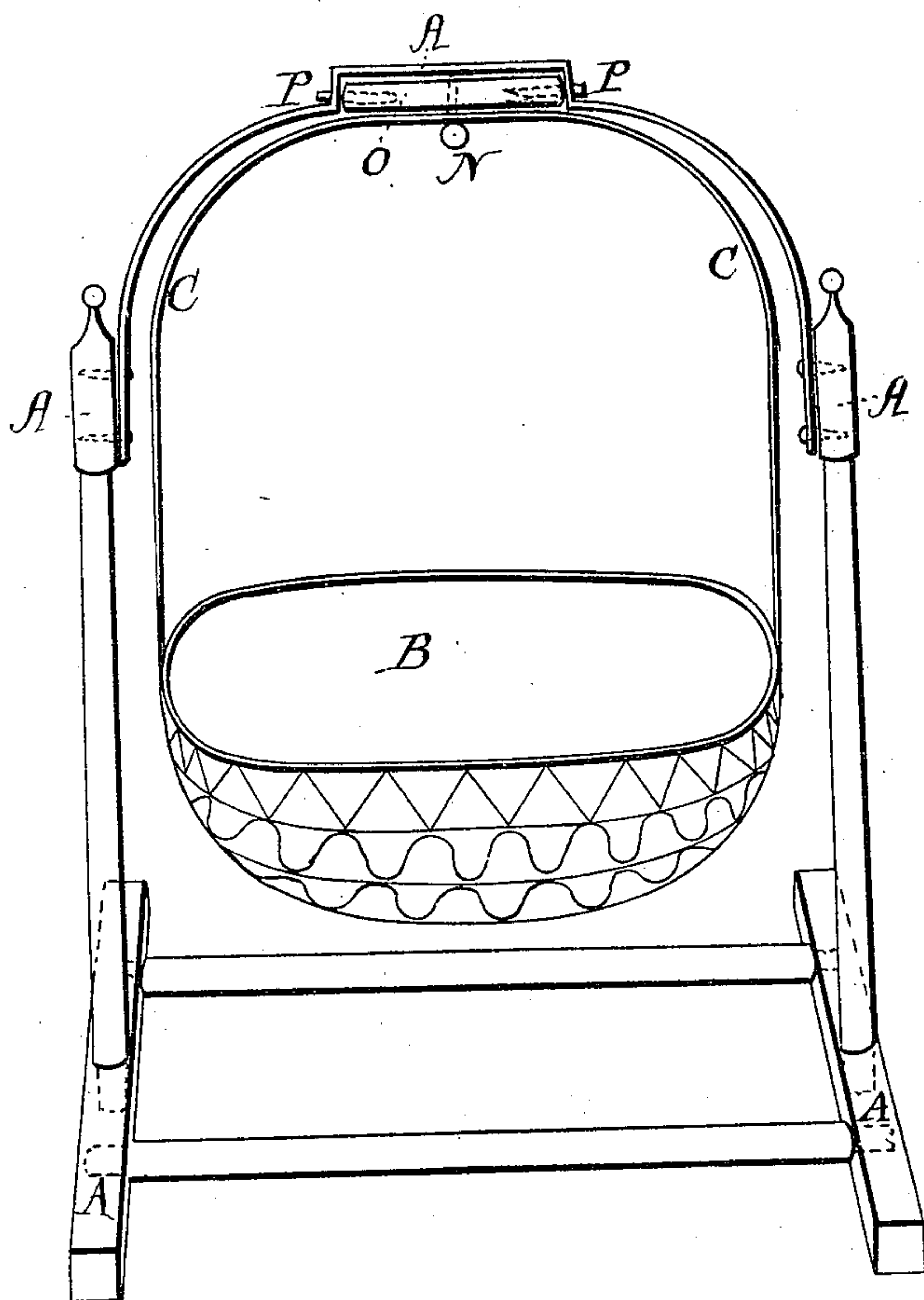


A. Dick,

Cradle,

N^o 52,146.

Patented Jan. 23, 1866.



Witnesses;

Inventor;

Robert Cammick

Alexander Dick

Thomas Adams

UNITED STATES PATENT OFFICE.

ALEXANDER DICK, OF BUFFALO, NEW YORK.

CRADLE.

Specification forming part of Letters Patent No. 52,146, dated January 23, 1866; antedated January 17, 1866.

To all whom it may concern:

Be it known that I, ALEXANDER DICK, of the city of Buffalo, in the county of Erie and State of New York, have invented a new and useful Cradle of Improved Form and Action, by which the child may be gently swung in every possible direction, or tossed vertically, is peculiarly adapted to the use of drapery, and the employment of clock-work as a motive power; and I do hereby declare that the following is a full and exact description thereof, reference being had to the drawing hereunto annexed.

A A A A A is a stationary frame supporting the movable parts. B is the cradle-basket. C C is a bent wire or hoop by which the cradle-basket B is suspended from its ends to the bearer O by the screw or bolt *n*. The bearer O may be in length one-third that of the basket B, and lying horizontally is pivoted at its ends to the upper part of the frame A by the pivots P P.

The general form of the upper half of the frame A is that of a semicircle, and is best made of iron. The same is true of the hoop C, which lies under said part of the frame A, with an interval between sufficient to secure it from touching the frame A when the cradle is in motion. The screw N secures the hoop C to the bearer O, but not with fixed rigidity. It allows the hoop C to turn upon it as a pivot upon the application of a moderate force of the hand. Willow, cane, and iron wire are suitable materials for the construction of the cradle-basket; and if an egg be divided lengthwise one of the halves will indicate its form.

The frame A may be made entirely of wood or of iron, or partly of both, as indicated in

the drawing. If the frame A stand four feet high and three feet wide, it will be sufficient for a cradle of common capacity.

The action of this machine is apparent from the description. The cradle is swung transversely, longitudinally, or in any other direction by first turning it upon the screw N as a pivot to the position desired, and then moving it by hand or otherwise on the pivots P P. A vertical motion is given when the force is so applied and the hoop C elastic. To swing it by clock-work all that is necessary is to attach a pallet to the bearer O, so as to work in the teeth of an escape-wheel or cylinder, with the other parts adapted in the usual way. When this is done the cradle with its contents is simply a pendulum. To operate it with a treadle it is sufficient that the end of the screw N be a ring into which insert a lever projecting a few inches horizontally and transversely to the bearer O. Then attach a treadle with a cord to the end of it in the usual way.

The general form sufficiently indicates how this cradle may be gracefully trimmed with drapery and the child effectually protected from flies.

I do not claim to be the inventor of all that is embraced in the foregoing description; but

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

The arrangement of the cradle-basket B, the hoop C, the screw N, the bearer O, the pivots P P, and the frame A, substantially as and for the purpose specified.

ALEXANDER DICK.

Witnesses:

WM. H. RIGGS,
F. AKERMAN.