

S. G. Delano,

Cradle,

No 81,757.

Patented Sept. 1, 1868.

Fig. 1.

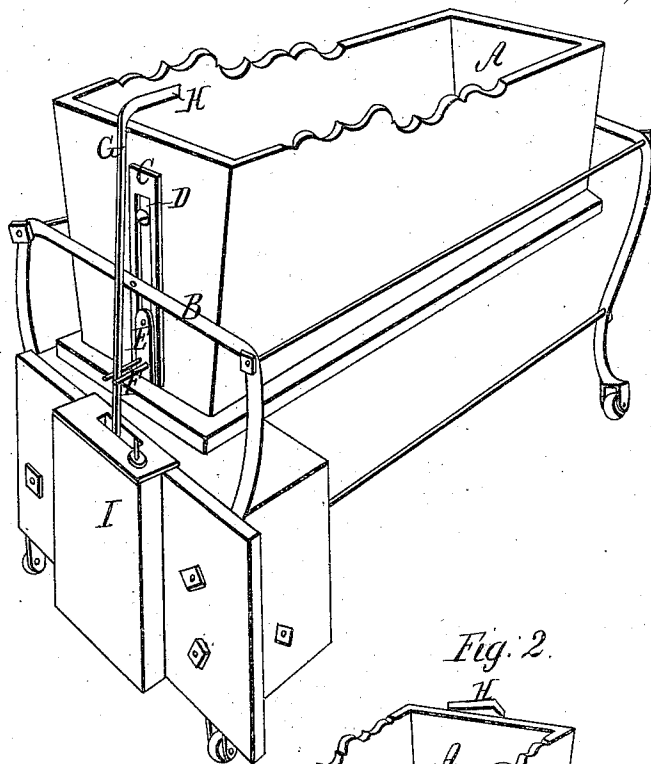
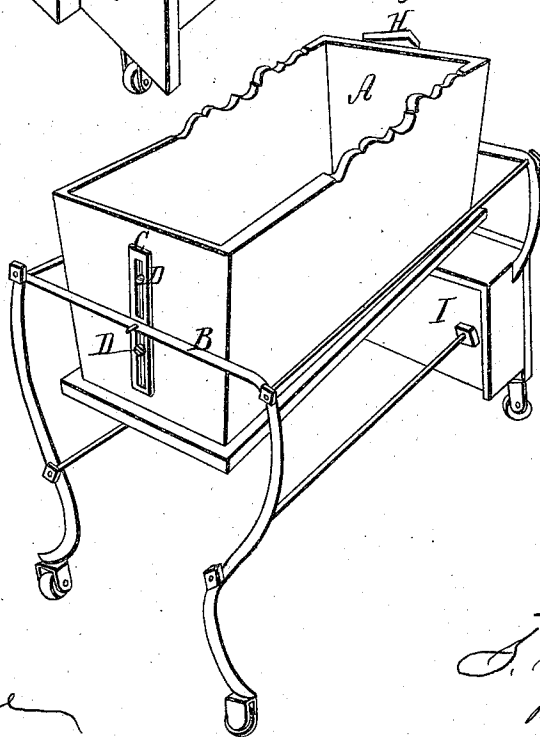


Fig. 2.



Witnesses;
Louis C. Hyde
E. J. H. H. H. H.

Inventor;
S. G. Delano
Per Attorney
W. S. Sprague

United States Patent Office.

SYLVENUS G. DELANO, OF GRAND BLANC, MICHIGAN.

Letters Patent No. 81,757, dated September 1, 1868.

IMPROVED AUTOMATIC CRADLE.

The Schedule referred to in these Letters Patent and making part of the same.

TO WHOM IT MAY CONCERN:

Be it known that I, SYLVENUS G. DELANO, of Grand Blanc, in the county of Genesee, and State of Michigan, have invented a new and useful Improvement in Automatic Cradles; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, and being a part of this specification.

Figure 1 is a perspective view of my invention, showing the head of the cradle in the foreground.

Figure 2 is a plan view of the opposite end of the cradle.

The same letters indicate like parts in each figure.

The object of this invention is to so construct an infant's cradle, that it will avoid the necessity of being rocked by an attendant, it being operated by clock-work, which, while it rocks the cradle, will also, by means of a suitable fan, keep flies and other insects from the occupant.

In order to accomplish this end, I construct a cradle-body, A, of any desired form and suitable material, which is suspended to any proper frame, B, by means of proper journals attached to the adjusting-plates C at each end of the cradle. By means of set-screws D, which pass through proper slots in the adjusting-plates C, the cradle-body A may be raised or lowered, at pleasure. As this cradle-body, with its occupant, is designed to act as a pendulum, this adjustability is necessary, to insure the perfect working of the apparatus. For instance, for a small infant, the cradle-body should be lower, while for a heavier one the body should be raised, in order to preserve a proper balance of the whole upon the journals. Pivoted to the adjusting-plate, shown in fig. 1, there should be another plate, E, provided near its lower extremity with two pins, F, or fork, which engage with the vibrating-lever G, and by means of which motion is communicated to the cradle-body from the vibrating-lever. At the top of this vibrating-lever there may be an adjustable arm, H, projecting inwards over the cradle, to which a fan may be attached, to keep off insects from the occupant.

Should it be desired to obtain motion for the fan, and at the same time allow the cradle to remain at rest, this can be done by disengaging the vibrating-lever from the pins F, and turning the plate E to one side, when the vibrating-lever will only give motion to the fan.

Motion is communicated to the vibrating-lever by clock-work and springs, of any ordinary construction, enclosed in the case I, which is attached to the frame.

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

1. The adjusting-plates C, in connection with the cradle-body A and frame B, substantially as herein described.

2. The pivoted plate E, in connection with the vibrating-lever G, when attached and operating substantially as and for the purposes set forth.

3. The combination of the above-named parts with any suitable clock-movement, when arranged, constructed, and operating substantially as described, and for the purposes designated.

SYLVENUS G. DELANO.

Witnesses:

LOUIE C. HYDE,

H. S. SPRAGUE.