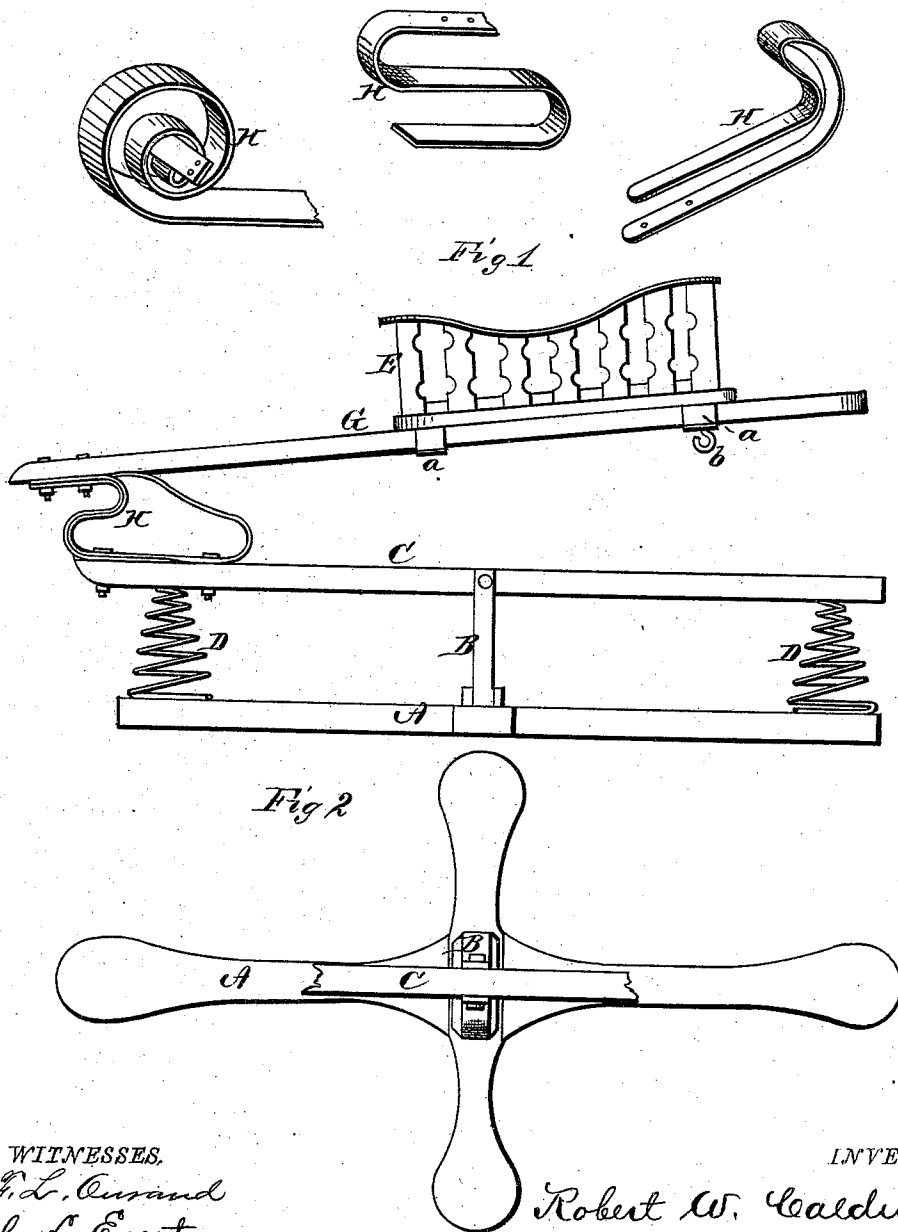


R. W. CALDWELL.

Baby-Jumpers.

No. 150,825.

Patented May 12, 1874.



WITNESSES.
F. L. Cusand
L. L. Evert,

INVENTOR,

Robert W. Caldwell.
Alexanderson

By

Attorneys.

UNITED STATES PATENT OFFICE.

ROBERT W. CALDWELL, OF ZANESVILLE, OHIO.

IMPROVEMENT IN BABY-JUMPERS.

Specification forming part of Letters Patent No. **150,825**, dated May 12, 1874; application filed March 16, 1874.

To all whom it may concern:

Be it known that I, Maj. ROBERT W. CALDWELL, of Zanesville, in the county of Muskingum and in the State of Ohio, have invented certain new and useful Improvements in Vertical Cradles; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a vertical cradle, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side elevation of my invention, and Fig. 2 is a plan view of the base thereof.

A represents the base of my vertical cradle, made in the form of a cross, and provided in the center with a short vertical standard, B. The upper end of this standard is forked, and a bar, C, is pivoted through its center in the same. Each end of the bar C is supported on a spiral spring, D, to give suitable flexibility to the entire motion of the cradle or crib. E represents the crib, which may be made of any form or shape desired, and provided, on its under side, with suitable loops *a a*, to pass

over a bar, G, the crib being adjusted and held on said bar by means of a set-screw, *b*, so that the crib can be moved to suit the weight of the baby to be placed therein. The bar G is, at one end, supported from one end of the oscillating bar C by means of a flat metal spring, H, which may be constructed in any suitable manner. In the drawing I have shown various kinds of springs for this purpose; but I do not confine myself to any particular form or shape.

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

1. The combination, with the base A and forked standard B, of the oscillating bar C and springs D D, substantially as and for the purposes herein set forth.

2. The crib E, provided with the loops *a a*, and adjusted upon the spring-bar G, substantially as and for the purposes herein set forth.

3. The combination of the base A, forked standard B, oscillating bar C, springs D D and H, bar G, and adjustable crib E, all substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 28th day of February, 1874.

ROBERT W. CALDWELL.

Witnesses:

J. H. GANTT,
LEWIS MOORE.