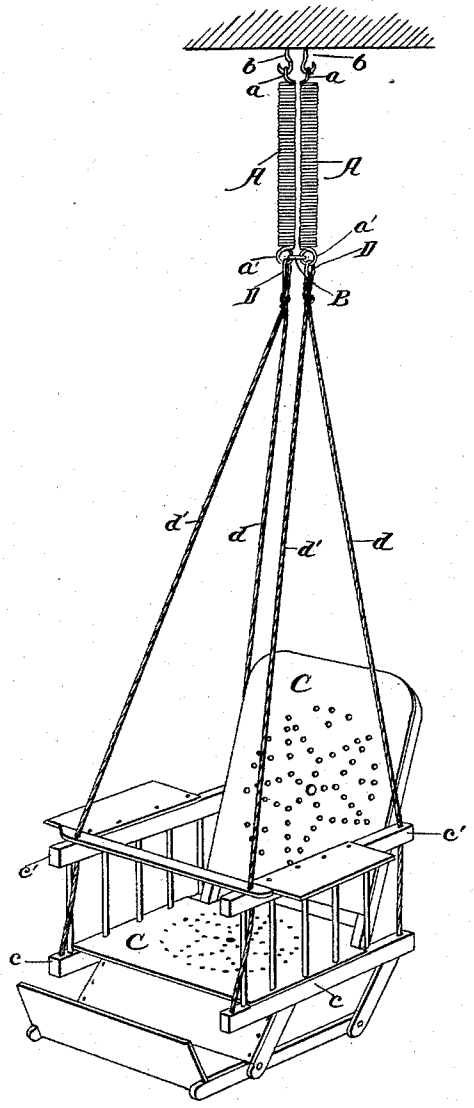
(No Model.)

W. S. TOTHILL.

BABY JUMPER.

No. 483,270. Patented Sept. 27, 1892.



Witnesses:
John L. Jackson.
Stellie McKibben

Inventor:
William S. Tothill.
by Bond, Adams & Pickard.
Attorneys

UNITED STATES PATENT OFFICE.

WILLIAM S. TOTHILL, OF CHICAGO, ILLINOIS.

BABY-JUMPER.

SPECIFICATION forming part of Letters Patent No. 483,270, dated September 27, 1892.

Application filed January 11, 1892. Serial No. 417,673. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM S. TOTHILL, residing at Chicago, in the county of Cook and State of Illinois, and a citizen of the United States, have invented certain new and useful Improvements in Baby-Jumpers, of which the following is a specification, reference being had to the accompanying drawing, in which the figure is a perspective view of my improved baby-jumper.

This invention relates to baby-jumpers, and has for its object to provide novel means for suspending the chair through the medium of a pair of springs, so that if one spring should break the chair will be properly supported by the other spring without unduly tilting or overturning, which would likely injure the child.

To accomplish this object my invention involves the features of construction and the combination or arrangement of devices, hereinafter described and claimed.

In the drawing, A A indicate two spiral springs. These springs are preferably provided with rings *a a* at the upper end, adapted to engage with and be suspended by hooks *b b*. They may, however, be provided with any other suitable device for suspending them. The lower end of each of the springs A A is provided with a ring *a'*, which may be integral with the spring, as shown. The rings *a'* are linked together by a loose ring B.

C indicates the chair of the jumper. The chair is provided with seat-supports *c c*, in order to provide a suitable attachment for ropes or cords by which the chair is suspended, and the rear ends of the seat-supports *c c* extend backward beyond the rear of the seat of the chair C, for the purpose hereinafter described. The chair C is provided with arms *c' c'* upon each side to prevent the child's falling out of the chair upon either side.

d d indicate ropes or cords attached to the seat-supports *c c* near the rear end of said seat-supports, and *d' d'* indicate ropes or cords attached to said seat-supports *c c* at or near the forward ends thereof. The ropes or cords *d d'* pass upward through the arms *c' c'*, and the ropes or cords *d d'* upon each side of the chair are brought together at the top and provided with rings D D, adapted to mesh or link with the rings *a' a'*, so as to suspend the chair from the spiral springs A A.

By the use of two springs A A the chair is prevented from turning around, and this object is also promoted by the linking together of the springs A A by means of the ring B, which meshes or links with the rings *a' a'*. The linking together of the springs A A at their lower ends by means of the ring B also prevents the springs A A from spreading apart sidewise and prevents the chair from tipping over sidewise in case the child should lean over or toward one side of the chair, as the springs A A, being thus linked together at their lower ends, will have only a small motion independently of one another and will act together, so that one cannot be extended or compressed in any considerable degree without the other being similarly affected. As the seat-supports *c c* extend back beyond the rear of the seat of the chair, and as the ropes *d d* are attached to said seat-supports *c c* at or near the rear ends of said seat-supports, the chair will not be tipped backward when the child leans back in the chair.

By connecting the lower ends of the springs through the medium of a loose ring or link, as described and shown, if one spring should break the loose ring or link instantly adjusts itself and the chair will be properly suspended from the other spring without liability of the chair unduly tilting or overturning, which would likely result in injury to the child.

That which I claim as new, and desire to secure by Letters Patent, is—

A baby-jumper consisting of a pair of suspension-springs A, arranged in close proximity and having their lower ends connected by a loose ring or link B, and a chair C, having cords or ropes *d d'* secured to the lower ends of the loosely-connected springs, so that if one spring breaks the loose link or ring instantly adjusts itself and the chair will be properly supported without unduly tilting or overturning, substantially as described.

WILLIAM S. TOTHILL.

Witnesses:
ALBERT H. ADAMS,
JOHN L. JACKSON.