(No Model.)

R. BILLEAUX.

BABY JUMPER.

No. 450,394. Patented Apr. 14, 1891.

Fig. 1.

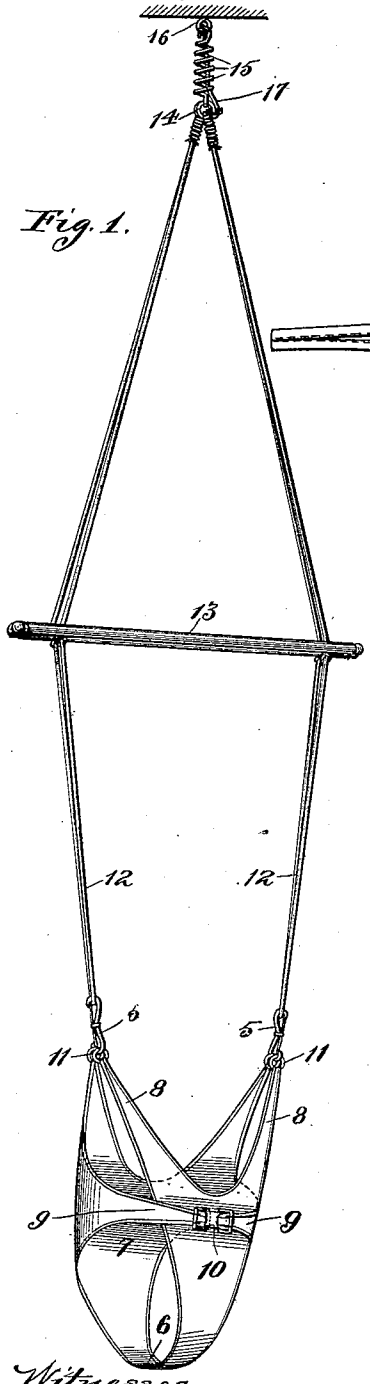
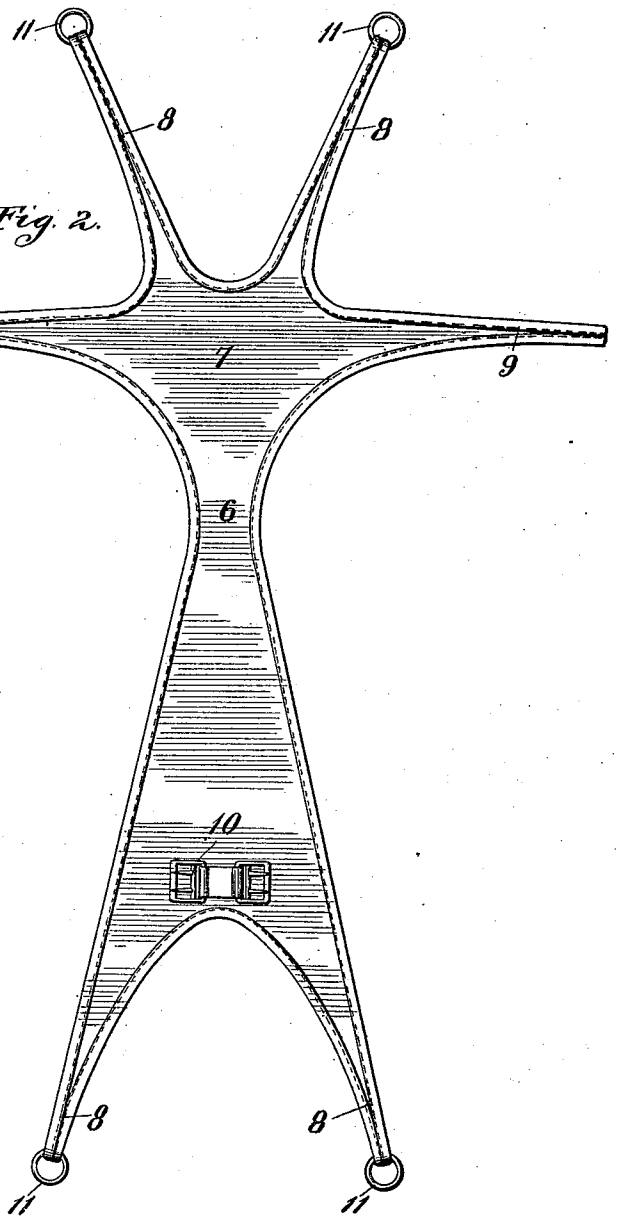


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

RUDOLPH BILLEAUX, OF CHICAGO, ILLINOIS.

BABY-JUMPER.

SPECIFICATION forming part of Letters Patent No. 450,394, dated April 14, 1891.

Application filed January 22, 1891. Serial No. 378,672. (No model.)

To all whom it may concern:

Be it known that I, RUDOLPH BILLEAUX, a citizen of the United States, residing in Chicago, Cook county, Illinois, have invented certain new and useful Improvements in Baby-Jumpers, which are fully set forth in the following specification and illustrated in the drawings accompanying the same.

My invention relates to the contrivances commonly known as "baby-jumpers." Its object is to provide a combined jacket and seat in which the baby can be secured beyond the possibility of falling out and in which it can have perfectly free use of its legs and arms, and to connect such jacket and seat with a spiral spring. I accomplish such object by the appliances illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of the contrivance which embodies my invention, showing the jacket and seat, straps, band, cords, poles through which the latter pass, the spring, &c. Fig. 2 is a view of the combined seat, jacket, straps, and band spread out flat. Like numerals refer to like parts throughout the several views.

Referring to the drawings, 6 is the seat, 7 the jacket.

8 8 8 8 are straps secured to or made integral with the jacket.

9 9 are sections of a band, and 10 is a buckle on this band. The band is designed to secure the jacket around the waist of the child to keep it from slipping from the seat.

The jacket, straps, and seat may be made integral with each other, or may be made separately and be secured to each other by any suitable means. I have chosen to show them as made in the former way. They may be formed of cloth, leather, or other suitable flexible material. On the upper ends of the straps the rings 11 are secured. The cords 12 have the spring-snaps 5 fastened to their ends, these being designed to secure the cords and rings to each other. The cords are passed through the poles 13 near their ends, being knotted under them. At their upper ends the cords are fastened to the ring 14 by any suitable means. This ring is secured on the hook at the end of the spiral spring 15. This may be secured to a hook or eyelet 16, or to any other suitable means of support fastened in the ceiling of the room or elsewhere. A short cord 17 is fastened to such hook or other means of support passed through the spring lengthwise, and fastened to the ring 14. This cord must be slightly longer than the greatest tractile length of the spring. It is designed to prevent the baby from falling to the floor if the spring becomes detached from its point of support or from the ring 14. The poles are used to spread the straps 8 8 8 8, so that the baby may move its shoulders and arms freely.

To use the jumper the spring at its upper end is attached to the supporting-hook or eyelet 16, and at the other end is secured in the ring 14, the snaps are fastened in the rings 11, the baby is placed astride the seat, and the band 9 is fastened about its waist. The cords 12 are wrapped around the poles such a number of times as are necessary to bring the contrivance near enough to the floor to allow the baby's feet to reach the same. This done, the child may be safely left to enjoy the jumper in its own way.

As shown, I use two poles instead of one. I illustrate the contrivance thus because in practice I intend to use in connection with the seat, jacket, and straps, the end poles and cords shown in my Letters Patent of the United States, dated January 27, 1891, for hammock-chair; but I do not bind myself to the use of two poles and two cords, for the same result can be accomplished, of course, with a single pole and one cord, the latter being secured in any suitable way at its middle point to the ring 14.

Having described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

In a baby-jumper, the combination of the seat 6, the jacket 7, the band 9, and buckle 10, designed to secure the jacket about the child's waist, the straps 8, designed to sustain the jumper, the rings 11, secured to the ends of the straps, the cords 12, secured to the rings and to the spiral spring 15, the poles 13, having holes through them for the passage of the cords near the ends of the poles, and the spiral spring 15, substantially as and for the purpose specified.

RUDOLPH BILLEAUX.

Witnesses:
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