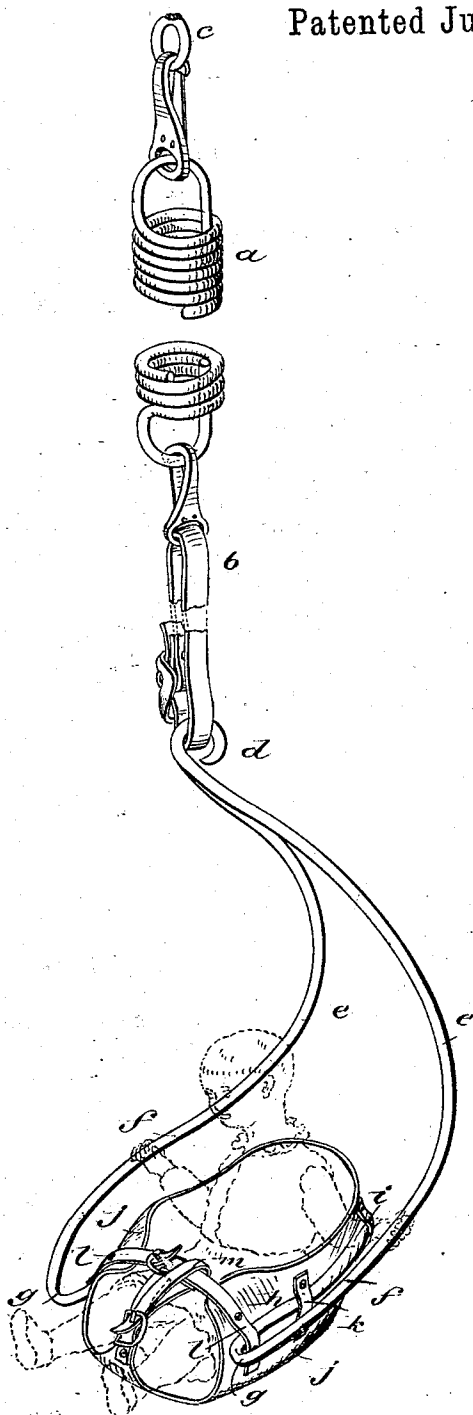


(No Model.)

M. M. RAYMOND.
BABY JUMPER AND SWING.

No. 279,432.

Patented June 12, 1883.



WITNESSES:

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INVENTOR:

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BY

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UNITED STATES PATENT OFFICE.

MURRAY M. RAYMOND, OF CORRY, PENNSYLVANIA.

BABY-JUMPER AND SWING.

SPECIFICATION forming part of Letters Patent No. 279,432, dated June 12, 1883.

Application filed November 16, 1882. (No model.)

To all whom it may concern:

Be it known that I, MURRAY M. RAYMOND, of Corry, in the county of Erie and State of Pennsylvania, have invented a new and Improved Baby-Jumper and Swing, of which the following is a full, clear, and exact description.

My invention consists of a contrivance of a wire suspending device to form a neat, simple, and efficient seat-frame, back-rest, and arm-supports, together with an arrangement of seat-body adapted to the said frame, the whole making a more convenient and better jumper than others now in use, all as herein-after fully described.

Reference is to be had to the accompanying drawing, forming part of this specification, in which the figure represents my improved baby-jumper and swing in perspective view.

I use an ordinary coiled suspending-spring, *a*, and strap *b* to suspend the jumper from the ceiling or other object for the connection of the attaching-screw eye *c*, and employ a steel or other spring-wire for the frame, making a loop of the said wire, terminating in a hook-eye, *d*, at each end, both of which hooks are arranged to connect in the lower end of the adjusting-strap *b* together. From the said hook-eyes the two parts of the wire spring apart and bow or curve to one side in the suspending parts *e*, and then return across the suspension-line of the spring *a* and strap *b*, forming arms *f* of the seat-frame. Thence by sharp return-bends at *g* said parts form sides *h* to the seat-frame and back thereto at *i*, to which any approved leather, canvas, or other webbing, *j*, of suitable material is to be connected by straps *k l* or other devices in any suitable manner.

The strap *l* is extended over the lap-space from side to side of the wire frame as a means of securing the child against falling out, and another strap, *m*, is stretched up from the bent bottom between the sides of the seat, and connected to strap *l* at the middle, if desired, to be adjusted between the legs of the child as a further means of safety.

It will be seen that by the bow shape of the wire loop at *e* the seat falls directly under the

point of suspension and thus balances properly, and also that by such form of the wires the seat is more accessible than when suspended by hangers of cords and other devices falling in straight lines. It will also be seen that the construction of the device by simply shaping the single wire is very simple and cheap.

The strap *l* may be made to spring the sides of the seat-frame toward each other and allow them to swing apart, according as the seat is required to be wide or narrow.

When the child is seated securely in the jumper, and when the spring is not forcibly expanded to raise and lower or "jump" the child, the elasticity of the spring *a* will give the jumper all the advantages of an easy-chair for the comfort of its occupant.

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

1. The seat-frame of a baby-jumper, consisting of a wire loop shaped at one end to be suspended thereby and at the other end to form the seat-support, the arms, and the back of the jumper, substantially as specified.

2. The seat-frame of a baby-jumper, consisting of a wire loop shaped into a hook or eye, *d*, at one end, a seat-back, *i*, sides *h*, and arms *f* at the other end, and the parts *e e*, connecting these ends, both bent backward, as shown and described.

3. The combination, with the frame of a baby-jumper, consisting of a wire loop shaped to form the suspending-hook, the arms, sides, and back thereof, of a seat suspended to the sides and back, as shown and described.

4. The combination, with the frame of a baby-jumper, consisting of a wire loop shaped, as described, and a seat supported thereby, of a cross-strap connecting the arms of the jumper, and an adjustable middle strap connecting the front edge of the seat with said cross-strap, as and for the purpose specified.

MURRAY M. RAYMOND.

Witnesses:

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