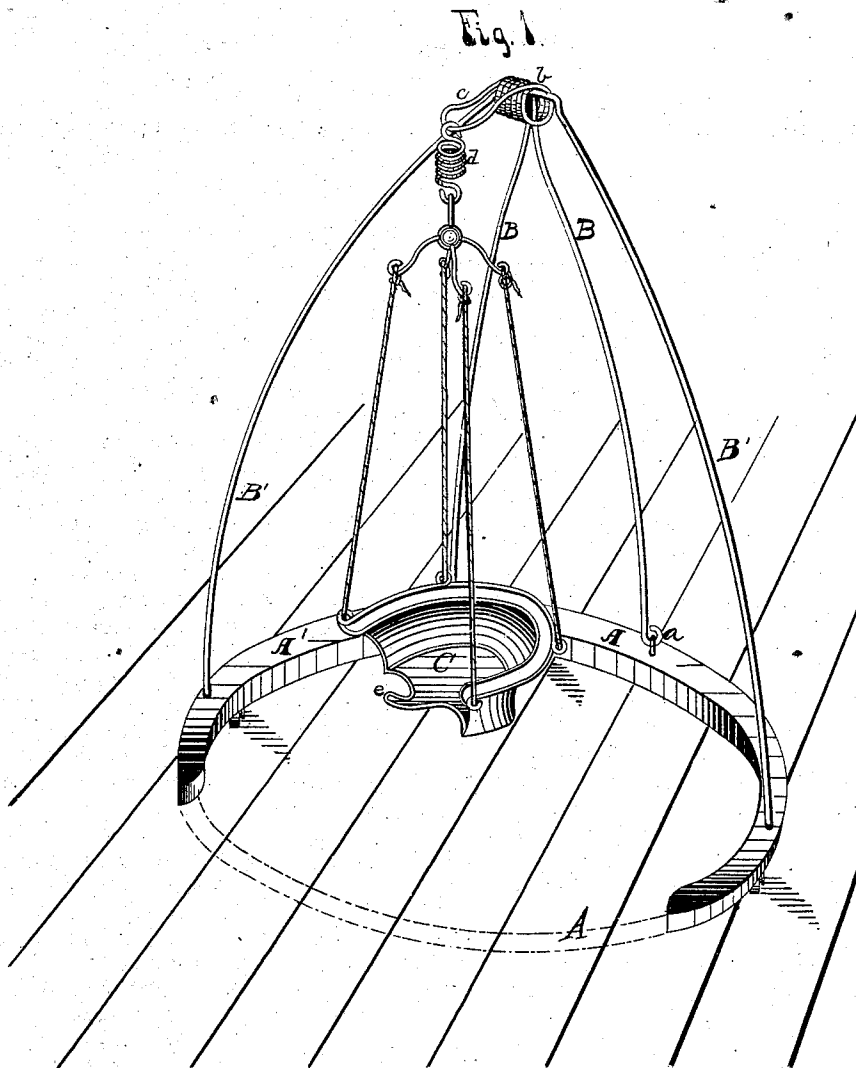


D. F. BURGESS.
Baby-Jumper.

No. 159,639.

Patented Feb. 9, 1875.



Witnesses:
J. H. Parsons.
C. N. Woodward

David F. Burgess,
Inventor, By
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UNITED STATES PATENT OFFICE.

DAVID FRANCIS BURGESS, OF LOCKPORT, NEW YORK.

IMPROVEMENT IN BABY-JUMPERS.

Specification forming part of Letters Patent No. **159,639**, dated February 9, 1875; application filed November 21, 1874.

To all whom it may concern:

Be it known that I, DAVID FRANCIS BURGESS, of Lockport, in the county of Niagara and State of New York, have made certain Improvements in Baby-Jumpers, of which the following is a specification:

This invention relates to jumpers in which the child is held in a chair hung on springs; and my invention consists in providing a self-supporting and portable device, the upright frame-work attached to a base, and the top formed into a spiral spring and arm, from which the chair is suspended, as hereinafter fully explained.

In the drawing, the figure is a general perspective view.

A represents the base or platform, set on casters to move it about. It is preferably of wood, and constructed either in a semicircular form, or any open segment of a circle, or made entirely circular, as represented by dotted lines in the drawing. When made circular the child's feet will touch on the base or solid platform, and if made segmental, as shown at A', the feet of the child will reach the floor, which will aid the child in learning to walk. At the back of this base or circle A' are attached or hinged, at *a*, two stout wires, B B, which, after rising a certain distance, are formed at the top into a coiled or spiral spring, *b*, the ends projecting out at about right angles, and forming an arm, *c*, to which is attached or hung the child's chair C, with the usual intermediate spring *d*, if more elasticity is desired. To give strength to these uprights B B, and sustain them in place, I provide two side wires or braces, B' B', their lower ends set into the base A, and at the apex arranged so as to support and sustain the spiral spring *b*, by passing through it, or otherwise. The chair C is preferably constructed of wire, and has a central projection, *e*, to come between

the child's limbs to support them either in sitting or in attempting to walk.

This whole construction makes my device a combined jumper, swing, and walking-machine, for by the aid of the base A' and casters any motion of the child's feet on the floor will be likely to push or propel it forward or backward.

The whole device is also portable, as by hinging or looping the back frame-wires B B, and making the side braces B' B' removable, the whole thing can be folded up and compactly set away, taking up but little room.

Instead of two back wires, B, it may be constructed of a single upright on the back; or the uprights may be made of wood, with the spring *b* and arm *c* connected therewith.

The advantages of my device over those I am acquainted with are that it is a self-supporting, movable, and portable baby-jumper.

By being constructed of wire it is also very light, yet strong, and can be made comparatively cheap.

I claim—

1. The baby-jumper consisting of the movable base A, supports B B, with spring *b* and arm *c*, side braces B' B', and suspended chair C, all constructed and arranged substantially as hereinbefore specified.

2. In combination with the suspended chair C, the supports B B, formed at the top into the spring *b* and arm *c*, and hinged or otherwise attached to the platform or segmental base A, as hereinbefore specified.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

DAVID FRANCIS BURGESS.

Witnesses:

J. R. DRAKE,
T. H. PARSONS.