

N. H. BROWN.
BABY-JUMPER.

No. 182,299.

Patented Sept. 19, 1876.

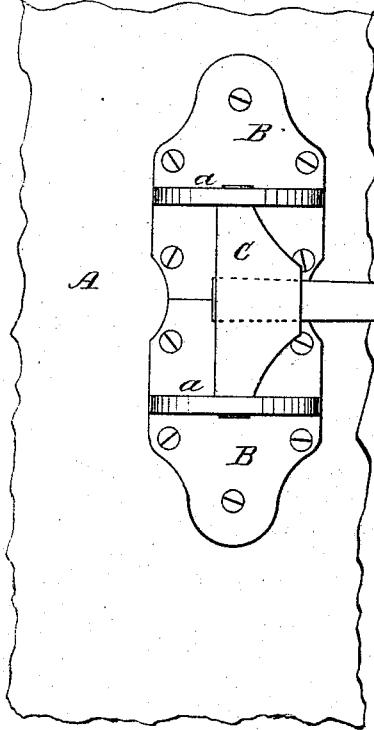


Fig. 1.

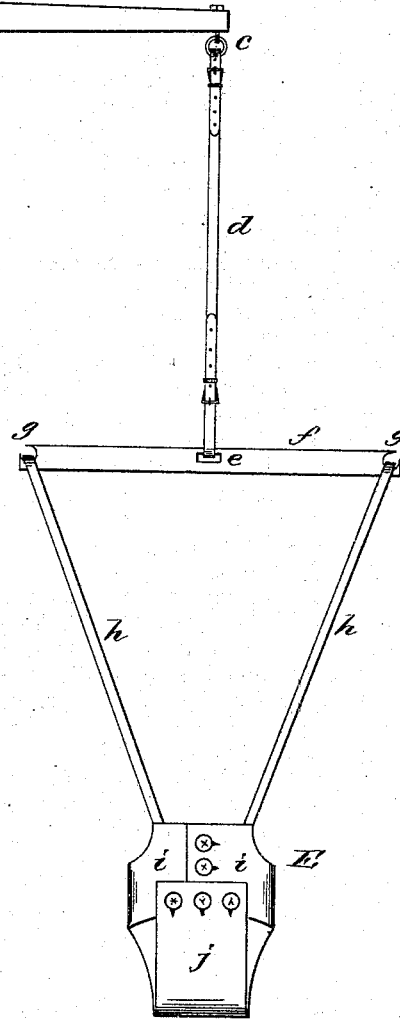
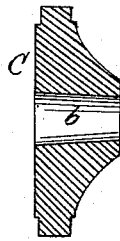


Fig. 2.



WITNESSES
Nat. E. Oliphant,
Richard F. Wagner.

INVENTOR,
Nelson H. Brown,
per Charles Fowler
Attorney.

UNITED STATES PATENT OFFICE.

NELSON H. BROWN, OF MILFORD, NEW HAMPSHIRE.

IMPROVEMENT IN BABY-JUMPERS.

Specification forming part of Letters Patent No. 182,299, dated September 19, 1876; application filed February 21, 1876.

To all whom it may concern:

Be it known that I, NELSON H. BROWN, of Milford, in the county of Hillsborough and State of New Hampshire, have invented a new and valuable Improvement in Baby Jumpers; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of my invention. Fig. 2 is a sectional view of the sleeve.

This invention relates to that class of baby-jumpers in which the child is suspended from a device attached to the wall or ceiling of a room; and it consists in the means of connecting the crane to the pivoted sleeve, and in the combination therewith of the straps, cross-bar, and harness for supporting the child, as hereinafter more fully described and pointed out in the claims.

In the accompanying drawings, A represents a broken section of a door, wall, or other suitable base, to which is secured, by screws or bolts, a plate composed of sections B B, formed with flanges *a a*, to which is pivoted a sleeve, C. The sleeve C has a tapering opening or mortise, *b*, for the reception of one end of an arm or crane, D, said crane having its inner or larger end tapering in form to correspond with the mortise *b*. A perfectly rigid connection is thereby made between the sleeve and crane, without the necessity of using nails, screws, or other similar fastenings, heretofore used.

The crane D has secured to its smaller end a ring or staple, *e*, for attaching a strap, *d*, said strap having suitable buckles to admit of the adjustment of the height of the jumper by shortening or lengthening the strap.

The lower end of the strap *d* passes through an opening, *e*, in a cross-bar, *f*, by which it is suspended. The cross-bar *f* has opened ends *g*, for connecting the bands *h* of the harness E, and allowing their ready removal.

The harness E is composed of cloth or other soft and flexible material, and is formed with side flaps *i* and end flap *j*, the flaps *i* passing around the body, and the flap *j* between the lower limbs, the several flaps being secured in place around the child by buttons or other suitable fastenings.

It will be seen that as there are no boards or other non-yielding material coming in contact with the child, there is no danger of injury while the entire body and limbs are free to move, the harness forming a perfectly easy seat, the toes of the child just touching the floor.

The crane D is composed of wood possessing the desired degree of elasticity to allow the child to jump, thereby giving strength to the limbs without bearing its entire weight upon its feet and legs, which often results in injury to the child.

The two plates B B admit of the ready attachment of the sleeve C, the lower plate being first secured in place, and the lower end of the sleeve is inserted within the flange. The upper plate, with its flange *a*, is then placed over the upper end of the sleeve, and secured in place, thereby forming bearings for the ends, and holding the sleeve securely in place.

The crane may be now inserted through the tapering mortise in the sleeve, and the harness E, with its cross-bar *f*, secured to the end of the crane by the strap *d*.

This arrangement and manner of connecting the several parts makes a much more compact device, each piece being readily separated from the other when desired for transportation, or to be laid away when not required to be used.

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

1. In a baby-jumper, the plates B B, having flanges *a a*, and the pivoted sleeve C with tapering mortise *b*, in combination with the tapering crane D, substantially as and for the purpose set forth.

2. The two plates B B, having flanges *a a*, the pivoted sleeve C with tapering mortise *b*, and the tapering crane D, in combination with the strap *d* with cross-bar *f*, and the harness E, substantially as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

NELSON HORATIO BROWN.

Witnesses:

CHAS. W. POTTER,
A. G. STEARNS.