

(No Model.)

C. T. GARDNER.

BABY JUMPER.

No. 296,946.

Patented Apr. 15, 1884.

Fig. 1.

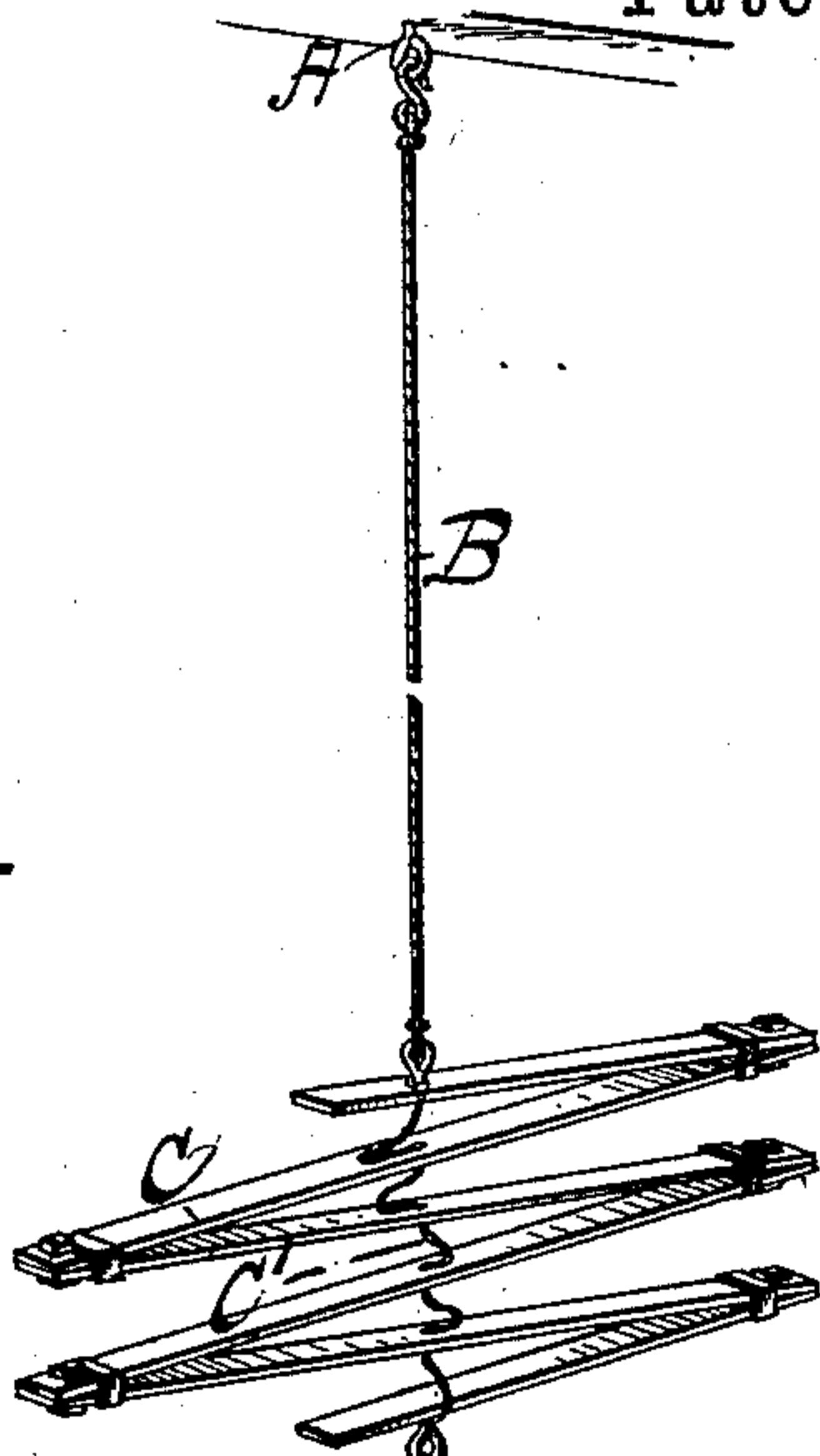
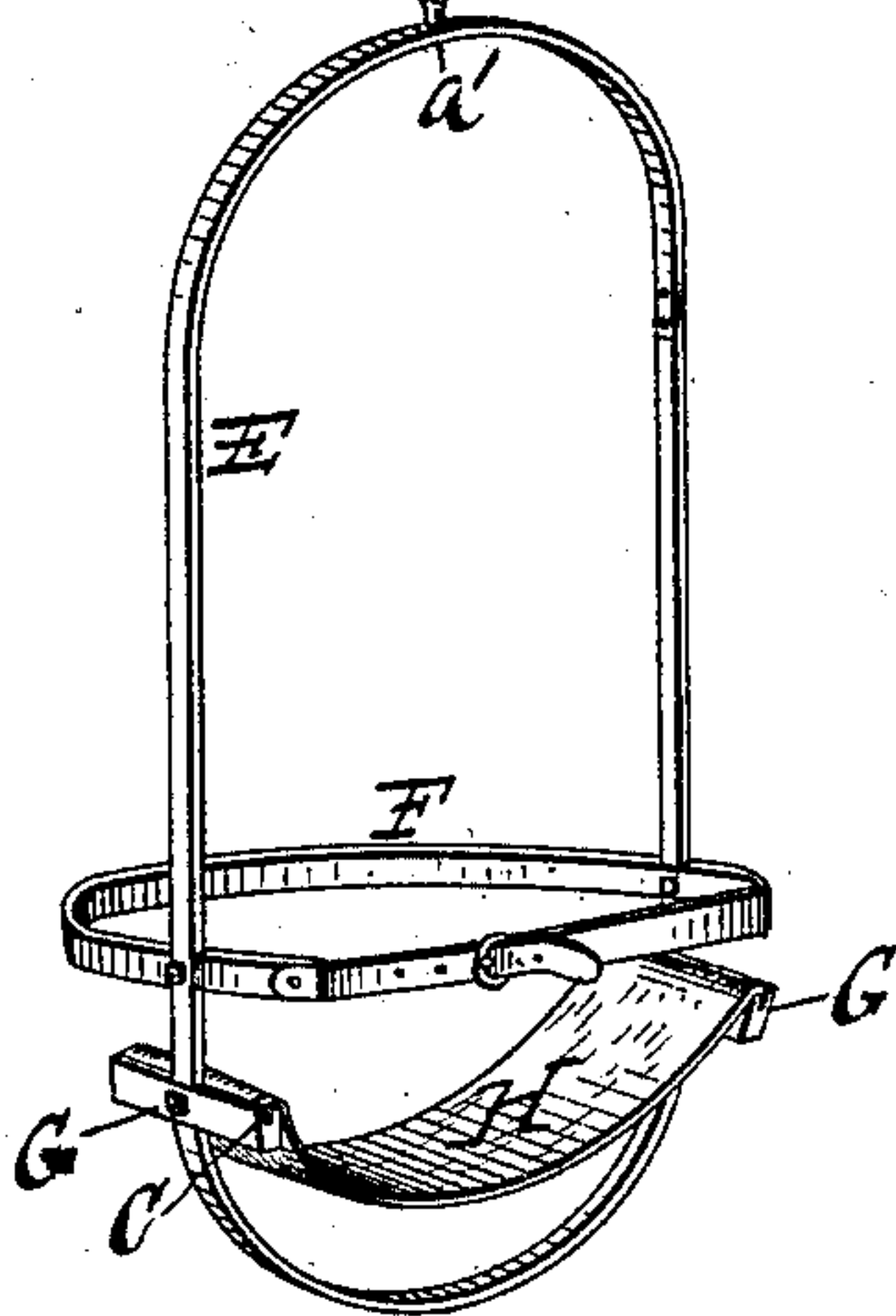
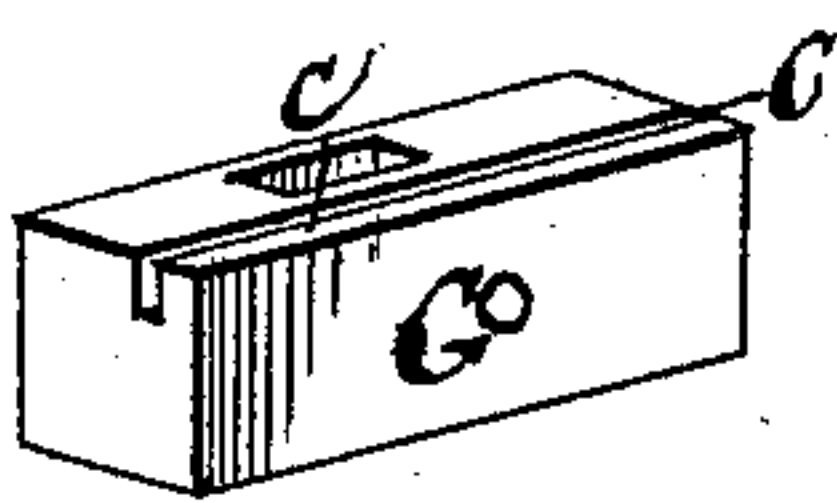


Fig. 2.



WITNESSES

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CHARLES TOWNSEND GARDNER, OF NAPANEE, ONTARIO, CANADA.

BABY-JUMPER.

SPECIFICATION forming part of Letters Patent No. 296,946, dated April 15, 1884.

Application filed December 29, 1883. (No model.)

To all whom it may concern:

Be it known that I, CHARLES T. GARDNER, a citizen of the United States of America, a resident of Napanee, in the Province of Ontario, in the Dominion of Canada, have invented a new and useful Baby-Jumper, of which the following is a specification.

My invention relates to that class of baby-jumpers which sustain the occupant in a partially suspended position; and the object is to provide an article of the kind named which is substantial and safe in structure, and at the same time simple and cheap.

My improvements therefore consist in the novel arrangement and combination of parts, as will be hereinafter more fully described, and specifically pointed out in the claims.

I have illustrated the mechanical construction and combination of the parts in the annexed drawings, wherein Figure 1 is a perspective view of the whole device; and Fig. 2 is a view of the cleat, with slot to hold the canvas seat.

The letter A represents the means of suspension, fixed in any desirable place, such as the ceiling or top of a door-frame; and it may consist of a hook or an eye to receive a hook.

The letter B represents a cord or rope having hooks or eyes at each end—the upper one to be attached to the point of suspension, and the lower one to be attached to the spring C. This spring C consists of wooden blanks or staves having their ends suitably secured together, substantially as shown. The line of suspension is in the middle of the spring, as seen, and the spring is limited in its expansive movement by the means of a safety-cord, C', which is secured to the upper plate of the spring, and then, being passed downward through perforations in the intermediate plates, is secured to the lowest plate by any suitable means. The purpose of this safety-cord is, as stated, to limit the expansion of the spring, and also to prevent the occupant from being cast down in case of accident or fracture of the spring.

The letter D represents a knotted cord, the upper end of which is properly and detachably fastened to the spring, and the other end is provided with a hook, which hooks about the cord above any one of the knots, and thus sustains the frame in a suspended position.

The letter E represents the frame, which consists of a wooden blank bent in an oval form, as shown, the ends being secured by any of the usual means. At the upper central point is fixed a clip, *a'*, provided with an eye, through which the cord or rope D is passed, and by which the height of the seat from the floor is adjusted and regulated. At a suitable distance above the seat is secured a hoop or band, F, the ends of which do not entirely meet, and have fastened to them straps, one of which has a buckle, so that the two may be joined and the circle completed.

The letter G represents cleats let on the frame by mortises cut in them or through them, and secured transversely to the frame by bolts or clips. These cleats are provided with slots *c*, extending their length, and in these slots the ends of the canvas seat H is inserted and therein wedged or otherwise secured.

The use and operation of the device are as follows: The parts being united and the device suspended, the strap about the frame is unbuckled and the child placed on the seat, after which the strap is buckled again in front of the occupant, and then the rope is adjusted so that the child can just reach the floor with its feet. The child is then able to spring up, turn about, or swing, and is in perfect safety from tumbles or thumps. When not in use, the device may be removed, and when in use it can be easily adjusted to suit the occasion.

It will be observed that the upper suspension-cord may be dispensed with and the eye or hook in the springs be elongated and attached to the eye or hook in the ceiling; but the upper cord is preferable, because the spring is better suspended some distance from the point above, to avoid striking the bar or ceiling. Should the weight in the frame be too much for the springs, the cord which passes through the springs is brought into requisition and prevents the springs from being further drawn apart.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A baby-jumper consisting of an oval seat-frame formed from a single blank, slotted cleats, and a confining hoop or band secured to the frame, a yielding seat the ends of which

are fastened in the slots of the cleats, and means for suspending said frame and its attachments, substantially as shown and described.

2. In a baby-jumper, a spring formed by
5 uniting the ends of a series of suitable blanks or staves, substantially as shown, in combination with a safety-cord passed through perforations in the intermediate staves, and its ends secured to the upper and lower plates of the
10 springs, and detachably connected to suspension-cords, as and for the purpose specified.

3. In combination, the spring C, having means to suspend it from a support, and pro-

vided with an independent safety-cord, C', adjusting-cord D, a seat-frame, E, having a con- 15
fining hoop or band, F, and slotted cleats G, secured thereto, and a seat, H, the ends of which are fastened in the slots of the cleats, substantially as shown and described.

In testimony whereof I have hereunto set my 20
hand in the presence of two attesting witnesses.

CHARLES TOWNSEND GARDNER.

Attest:

GEORGE H. NAPIER,
T. E. FLAHERTY.