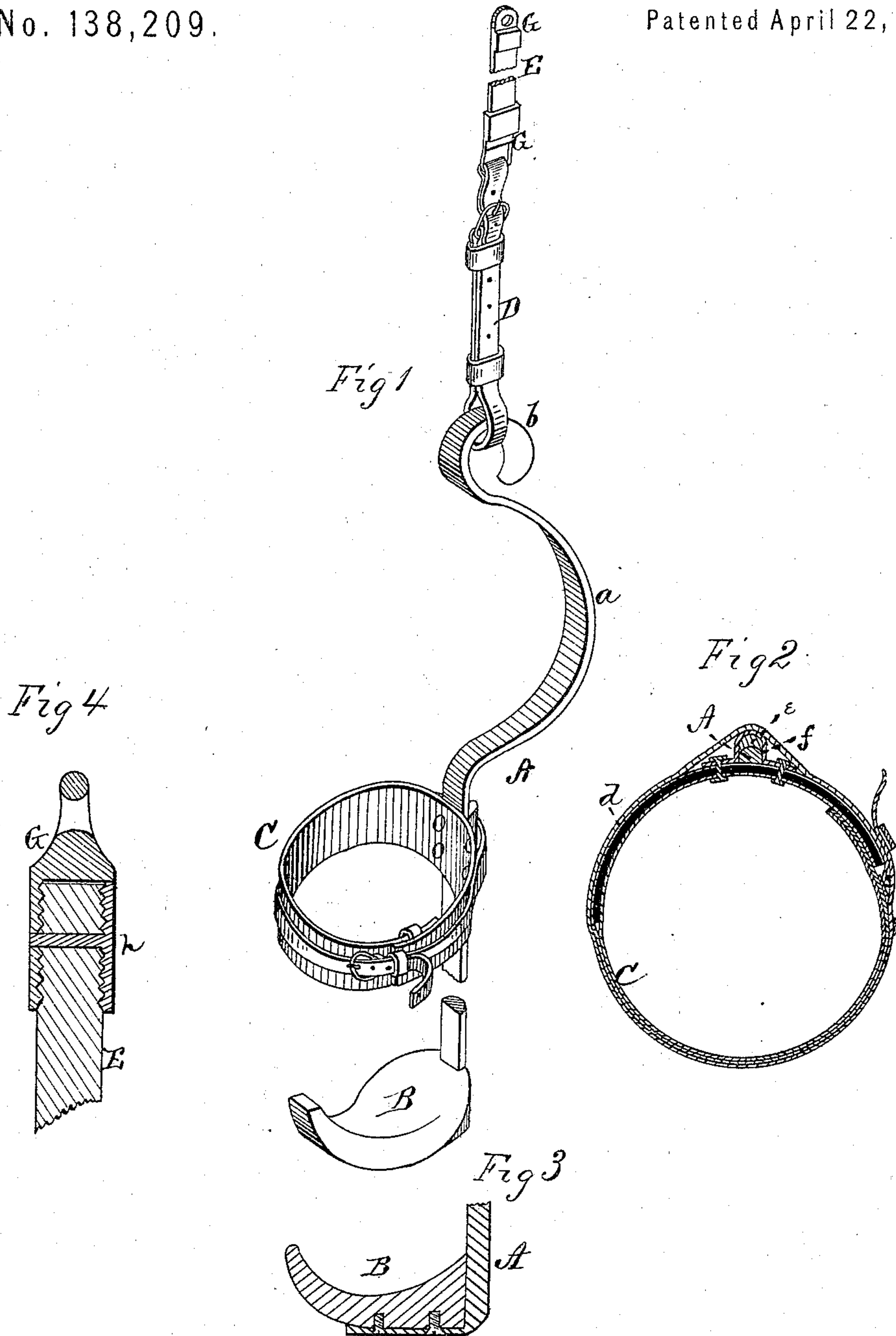


A. F. SPOONER.
Baby-Jumpers.

No. 138,209.

Patented April 22, 1873.



Witness:
Frank L. Curand
Co. L. Everts

Inventor.
Alvah F. Spooner,
per *Handa Mason*
Attorneys.

UNITED STATES PATENT OFFICE.

ALVAH F. SPOONER, OF STERLING, ILLINOIS.

IMPROVEMENT IN BABY-JUMPERS.

Specification forming part of Letters Patent No. **138,209**, dated April 22, 1873; application filed February 5, 1873.

To all whom it may concern:

Be it known that I, ALVAH F. SPOONER, of Sterling, in the county of Whitesides and in the State of Illinois, have invented certain new and useful Improvements in Baby-Jumper; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of a baby-jumper, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view of my baby-jumper. Fig. 2 is an enlarged horizontal section of the waistband. Fig. 3 is a longitudinal section of the saddle, and Fig. 4 is an enlarged section of a clamp used to connect the elastic strap.

The jumper consists of a frame, A, a saddle, B, a waistband, C, a supporting or lengthening strap, D, an elastic strap, E, and clasps G connecting the elastic and supporting straps and the jumper with a hook in the ceiling. The frame A is made of a half-round rod or bar of iron, or other suitable metal, the lower end being bent forward at right angles, and a suitable distance above the same is a rearward curve, *a*, to allow of the free action of the child's head. The extreme upper end of the frame is curved over backward, forming a ring, *b*, for the attachment of the supporting-strap D. The saddle B is secured by screws or other suitable means to the lower forward turned end of the frame, the rear end of the saddle being grooved or recessed for the passage of the vertical part of the frame. This saddle may be made of any desired material, and in the form shown, its forward end being narrow and turned up, the child straddling the same, thus admitting of the free and perfect action of the lower limbs of the child, and at the same time giving it an easy and

natural support. The waistband C for supporting the child in an upright position is made of leather, cloth, or other suitable material, and the sides and back stiffened by a plate, *d*, as shown in Fig. 2, to prevent the child from lopping over sidewise. The waistband is adjustable up or down to suit the height of the child by an iron strap, *f*, riveted on the back of the waistband, and passing around the frame A, with a piece, *e*, of leather or rubber between said strap and the frame to create friction to hold the waistband at any desired point. The supporting-strap D, which passes through the ring *b* of the frame, is made of leather or other suitable material, and provided with a buckle, so that it can be lengthened and shortened at will. The clasps G G are made of malleable iron, corrugated on the inside, with one side, *h*, movable. The end of the rubber strap E is inserted in the clasp, and the movable side then pressed down and riveted, the corrugations holding the rubber firmly. One of the clasps is provided with a hole to be hung on a hook in the ceiling, and the other with a slot for the passage of the strap D.

This invention is useful in the development of the muscles and limbs of children before they can walk, giving them at the same time recreation and exercise in a perfectly easy and natural position, allowing the free action of the limbs of the child from the head to the foot, and having no unnatural or severe strain on any part of the body, as has been the case in some of the baby-jumpers heretofore used.

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

1. The frame A, formed of a half-round metal bar, in the shape shown, with bend *a*, and ring *b*, and the saddle B, substantially as and for the purposes herein set forth.

2. The waistband C, constructed as described, with stiffening-plate *d*, and movable upon the frame A by means of the metal strap *f* and piece *e* of leather or rubber, all as and for the purposes herein set forth.

3. The combination of the elastic strap E

and the clasp G, corrugated on its inner side and with a movable side, *h*, substantially as and for the purposes herein set forth.

4. The combination of the frame A, saddle B, waist-strap C, supporting-strap D, elastic strap E, and clasps G G, all constructed and arranged substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 22d day of January, 1873.

ALVAH F. SPOONER.

Witnesses:

R. CHAMPION,

I. B. MYERS.