T. SHEDD & F. GLOCKNER.

Child's Chair and Scale.

No. 51,091. Patented Nov. 21, 1865.

Fig. 1.

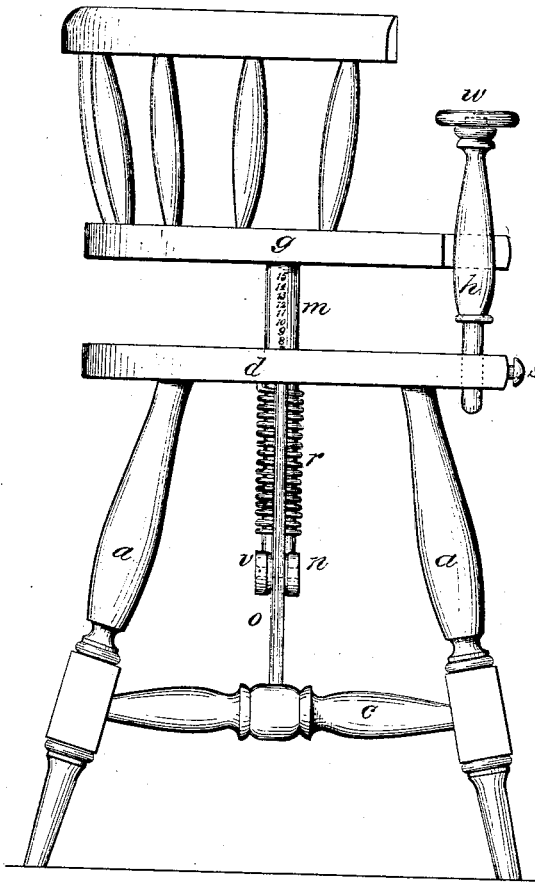
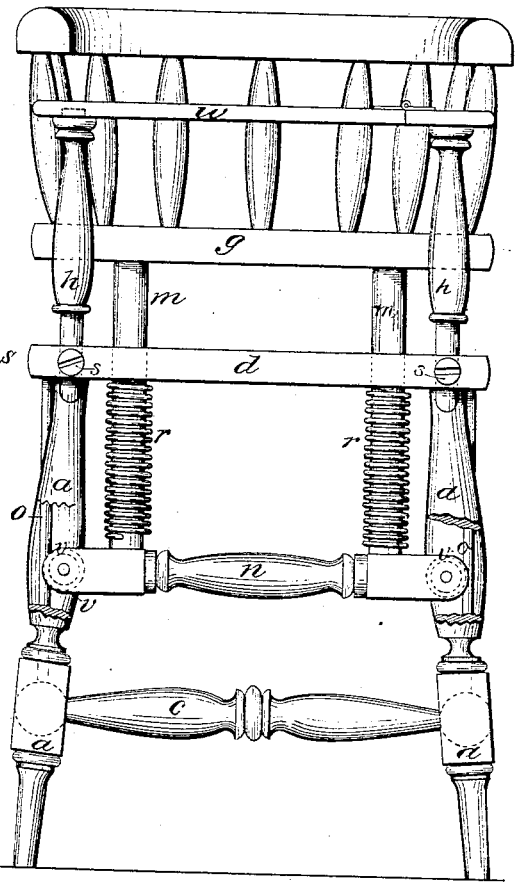


Fig. 2.



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UNITED STATES PATENT OFFICE.

THOMAS SHEDD AND FREDRICK GLOCKNER, OF WILLIAMSBURG, N. Y.

CHILD'S EXERCISING-CHAIR AND SCALE.

Specification forming part of Letters Patent No. **51,091**, dated November 21, 1865.

To all whom it may concern:

Be it known that we, THOMAS SHEDD and FREDRICK GLOCKNER, of Williamsburg, in the county of Kings and State of New York, have invented a new and Improved Child's Exercising-Chair and Scale; and we do hereby declare that the following is a full, clear, and exact description of same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side view. Fig. 2 is a front view.

The object of this invention is to obtain a child's chair which may also be used as a baby-jumper, which can be readily adjusted to the size of the occupant, and which will also serve as a scale to indicate the child's weight; and it consists in simple and efficient combinations by which the desired object is effected.

The frame of the chair is similar to those in common use, consisting of four legs, *a*, with suitable braces, *c*, and connected at the top by a flat horizontal board, *d*.

Projecting downward from the bottom of the seat *g* are two vertical bars, *m m*, which pass down through the board *d*, and are connected at the bottom by a cross-bar, *n*, this cross-bar being provided at each end with a grooved friction-roller, *v*, the groove of each roller fitting upon a fixed vertical guide, *o*, at each side of the frame, the said guides *o* being simply metallic rods properly secured to the said frame. Each vertical bar *m* is encircled by a spiral spring, *r*, between the board *d* and cross-bar *n*, the upper ends of the said springs being attached to the board *d* and their lower ends to the bars *m* in such a way that the seat *g* is supported by the said springs, the bars *m* being kept in a vertical position by means of the grooved rollers *v* acting upon the guides *o*. The seat *g* will have an easy motion up and down when acted upon by the exertions of the child, and friction upon the guides *o* is obviated by the use of the friction-rollers *v*.

A scale (denoted by the numerals in Fig. 1) is attached to one of the vertical bars *m*, as shown in the said figure, and inasmuch as the said bars are depressed in proportion to the weight of the child the said weight is thus indicated on the scale.

At each side of the front edge of the board *d* is an upright post, *h*. The two posts *h h* may be moved up or down as required by loosening the set-screws *s s*, by which they are held in place. The object of these posts *h h* is to support the hinged bar *w*, which confines the child within the chair. They are made adjustable, as described, in order that the said bar *w* may be adapted to the height of children of different ages.

Having thus described our said invention, what we claim as new, and desire to secure by Letters Patent, is—

1. The combination of the seat *g*, vertical bars *m*, spiral springs *r*, cross-bar *n*, guides *o*, and grooved friction-rollers *v*, all arranged substantially as set forth, for the purpose specified.

2. The weighing-scale combined with a child's exercising-chair, substantially as herein set forth and shown.

3. The adjustable bar *w*, in combination with the chair-seat supported upon springs, substantially as set forth, for the purpose specified.

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