

Sawin, Goodspeed & Minott,

Chair,

N^o 18,873,

Patented Dec. 15, 1857.

Fig. 1.

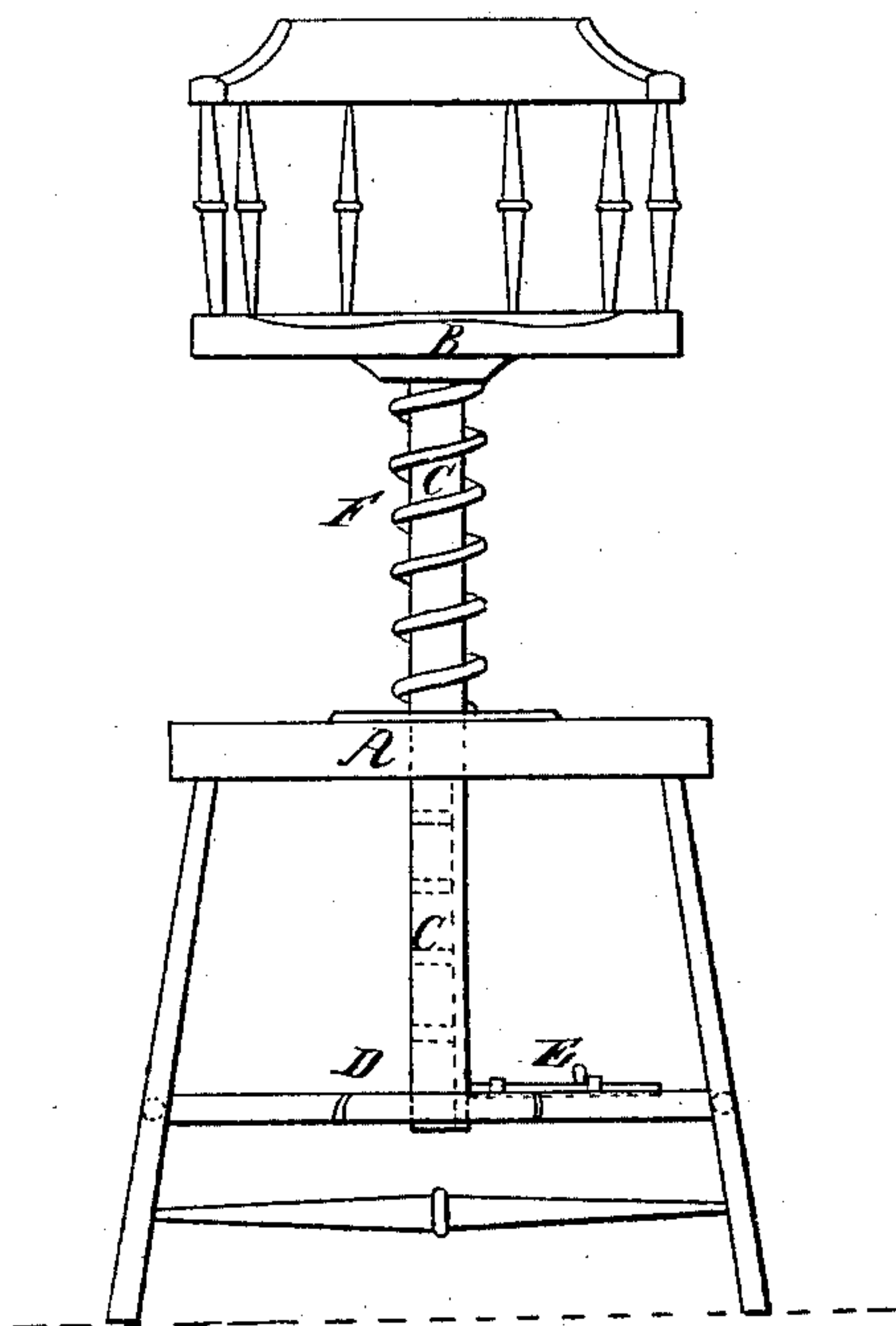


Fig. 2.

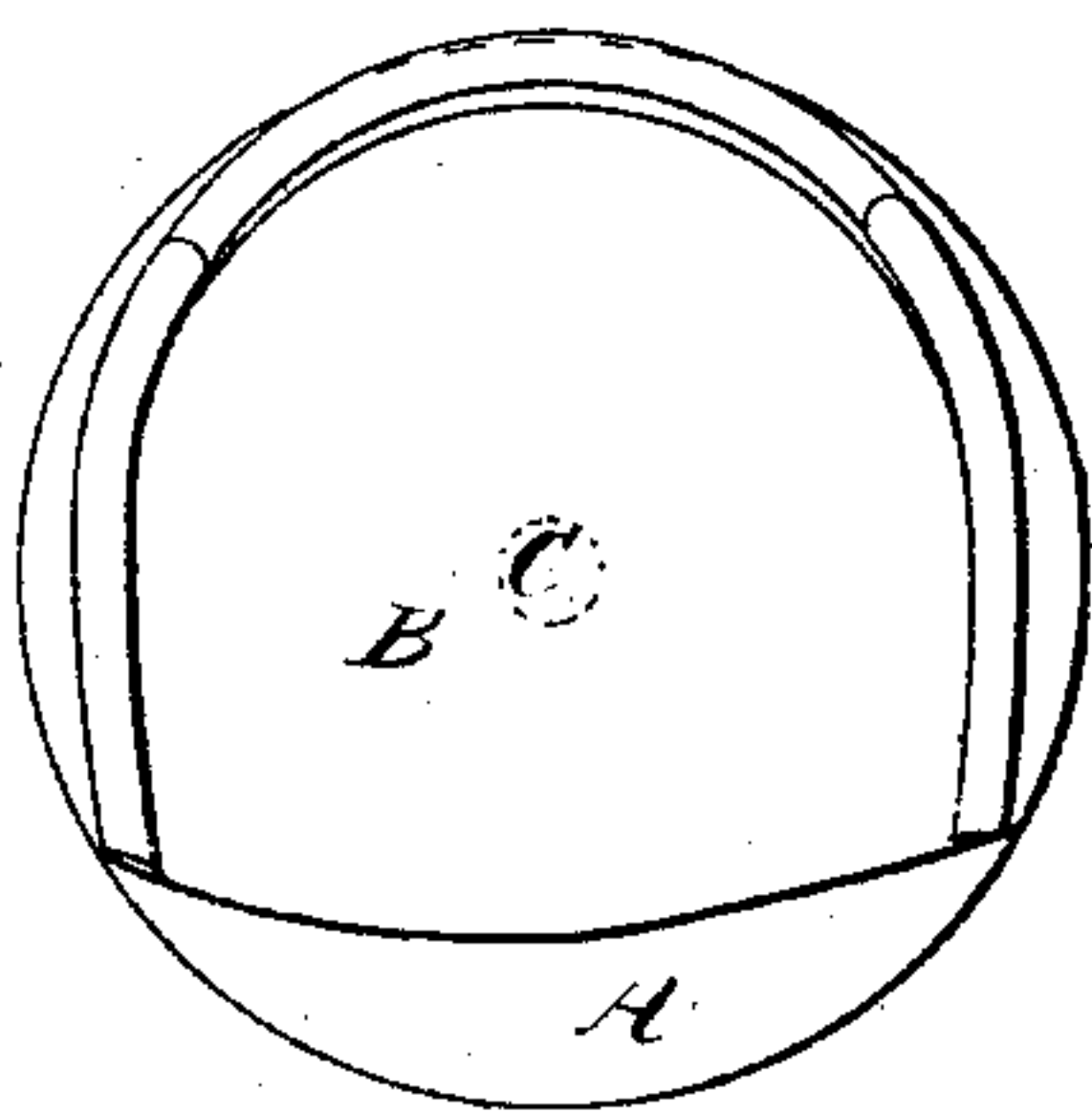
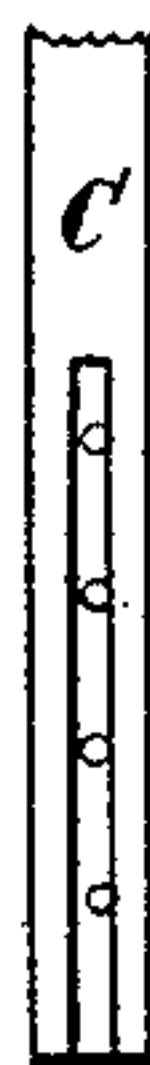


Fig. 3.



Inventors
Sawin, Goodspeed, & Minott.

UNITED STATES PATENT OFFICE.

JOHN SAWIN, D. J. GOODSPEED, AND JOHN H. MINOTT, OF GARDNER, MASSACHUSETTS.

INFANTINE EXERCISING-CHAIR.

Specification of Letters Patent No. 18,873, dated December 15, 1857.

To all whom it may concern:

Be it known that we, JOHN SAWIN, DANIEL J. GOODSPEED, and JOHN H. MINOTT, of Gardner, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Exercising-Chairs, styled a "Revolving Exercising-Chair;" and we 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 drawings herewith presented, in which—

Figure 1 is a front elevation. Fig. 2 is a top view. Fig. 3 shows some parts hereinafter to be described, the same letters denoting the same parts where they occur in each.

The nature of our invention consists in an improved "child's exercising chair," as constructed with a continuous or endless foot rest, and with its seat supported by a spring or springs, and so as to be capable of being freely rotated and to operate in other respects substantially as hereinafter specified. In order to construct such a chair, make the stool A thereof with its top circular, and somewhat larger in diameter than the width of the seat B, in order that the stool A may constitute a continuous foot rest or support for the feet of a child while he may be sitting on the seat. In the stool let there be an aperture to receive the shaft C, fastened to and made to project downward from the seat. On a bar, D, through which the shaft, C, also passes apply a bolt, E, and in the shaft, C, make a series of holes or recesses and a slot as shown in Fig. 3, so that by means of the bolt, the seat may be fastened at any desirable height above the stool, the bolt when in the slot preventing the seat from being turned around, although still allowing it to play up or down vertically. Around the shaft, C, place a spiral spring, F, in such manner as to rest on the stool and support the seat when not fastened by the bolt.

The operation of this chair may be thus described:—Supposing, a child to be seated in it with his feet resting on or touching the endless foot board, he can amuse himself

by springing up and down and by turning the seat around at his pleasure, the foot board being always stationary and constituting a means by which, under any change or amount of rotation of the seat support may be obtained for the feet of the child to enable him to elevate himself in order that the spring may force the seat upward.

We do not confine our invention to arranging the spring so that it shall envelop the shaft, as it may be applied on one side of the shaft, in which case, two or more springs might be necessary. Neither do we claim the application of a spring to a seat, as such is not new. Nor do we claim a rotary chair or stool provided with a foot rest to be so attached to as to rotate with the seat, such seat being unprovided with any spring on which it may rest and play as hereinbefore stated. Our invention is a new or improved child's exercising chair, the continuous foot rest being necessary to the rotary seat, when supported by and made to operate on a spring as described, for as the seat is turned around from one position to another, there being necessary such a foot rest as will enable a child or sitter by pressure of the feet against the rest, to relieve the seat from his weight in order that it may rise upward. With a foot rest as ordinarily applied, this could not be done, and therefore there exists in our chair a means of accomplishing a result which is not found in any other spring exercising chair.

Consequently, what we claim as our invention, is—

Our improved child's exercising chair, as constructed with the continuing or endless foot rest, and with its seat supported by a spring or springs and so as to be capable of being freely rotated and to operate in other respects substantially as above specified.

JOHN SAWIN.
D. J. GOODSPEED.
JOHN H. MINOTT.

Witnesses:

RUFUS NEWTON,
MARCUS WRIGHT.