

No. 697,248.

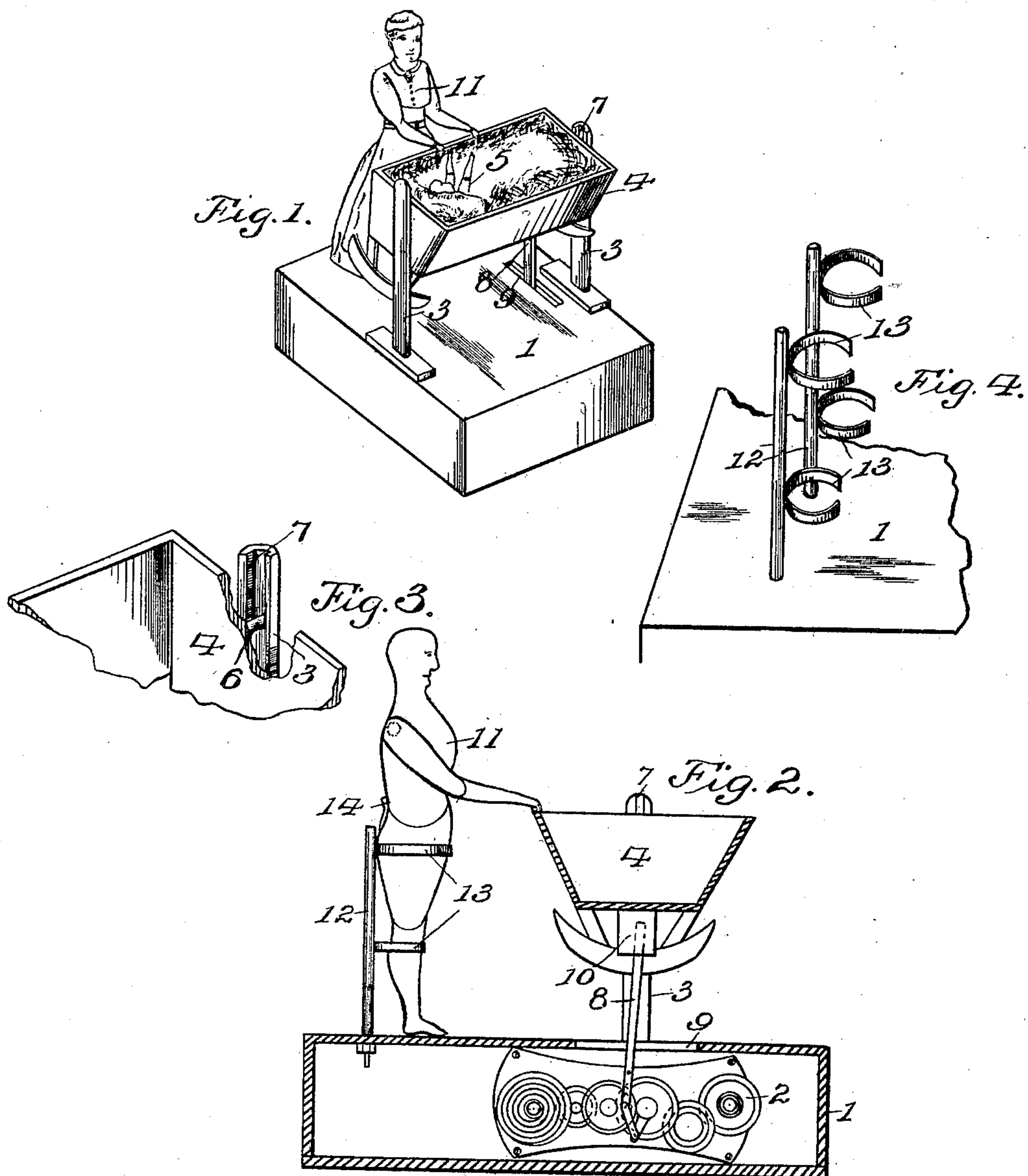
A. E. HAWLEY.

Patented Apr. 8, 1902.

FIGURE TOY.

(Application filed Feb. 2, 1901.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

ANNA E. HAWLEY, OF MANCHESTER, VERMONT.

FIGURE TOY.

SPECIFICATION forming part of Letters Patent No. 697,248, dated April 8, 1902.

Application filed February 2, 1901. Serial No. 45,711. (No model.)

To all whom it may concern:

Be it known that I, ANNA E. HAWLEY, a resident of Manchester, in the county of Bennington and State of Vermont, have invented certain new and useful Improvements in Figure Toys; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same.

The invention relates to an improvement in toys of the class known as "figure" toys wherein a figure actuated by a suitable motor is made to perform certain life-like movements.

The object of the present invention is the construction of the toy in such manner that the figure while apparently performing the intended operation is in reality without fixed connection with any part of the device and may be removed and used separately.

The invention consists in the construction herein described and pointed out.

Figure 1 of the drawings is a perspective view of the toy. Fig. 2 is a section of the same, the figure being shown in elevation. Fig. 3 is an enlarged broken perspective showing the connection of the cradle and standards. Fig. 4 is an enlarged broken perspective showing the standards and spring-clips for removably supporting the main figure.

1 represents the base of the toy, being of box-like form to serve as a housing for the motor 2, preferably the ordinary clockwork movement. Uprights 3, rising from the base, support near their upper ends an ordinary cradle 4, adapted to contain a figure 5. Said cradle has studs 6 projecting from its ends, which in assembling the parts are adapted to readily enter grooves 7, formed in the standards and rest against the bottom walls of said grooves to permit a rocking movement of the cradle in operation. A lever 8, projecting through a slot 9 in the top of the base, is connected at its upper end to the cradle and at its lower end with the motor in such manner as will impart a rocking movement to the cradle in the operation of the motor. The upper end of lever 8 loosely enters a socket-piece 10, depending from the cradle to permit the ready removal of the cradle by simply lifting the latter from its supports. A figure

11, situated at one side of the cradle and in the present instance dressed to represent a nurse, has its hands grasping one edge of the cradle. The figure rests upon the base 1, but is not fixed thereto nor to the cradle, as standards 12, extending upward from the base, are provided with spring-clips 13 to embrace the legs of the figure and hold it upright, but at the same time permit the figure to be readily detached from the clips by a simple pull.

The hands of the figure are of sufficient weight to maintain their position on the cradle during movement of the latter, and a stop 14 is provided at the hip-joint to prevent the body from bending backward beyond the vertical position.

The arms of the figure are preferably bent at the elbows, as shown, to lessen the liability of loosening the hands from the cradle in the movement of the parts.

The standards 12 are so positioned relative to the figure as to be entirely concealed by the clothing of the latter.

The operation of the motor imparts a rocking movement to the cradle, causing the nurse-figure to bend and follow the motion of the cradle in a natural manner, while if desired the nurse-figure may be readily and easily removed from its position, permitting the ready substitution of another figure and the use of the nurse as a separate toy, while the above-described connection of the cradle with the toy also permits its ready removal for separate use.

I am aware that a toy representing a figure rocking a cradle has heretofore been known; but in that instance the figure and also the cradle have a fixed connection with the motor and are not removable, hence necessitating the use of that toy as an entirety, while by my construction the main figure may be removed for separate use and other figures substituted, as may be desirable, or the cradle may be removed to serve as an independent article.

It is material that the main figure be made separable, not only for separate use or for the substitution of other figures, but to permit change of dress—as, for example, when the user desires to change the apparent character of the figure.

I am aware that a toy figure has been pro-

vided with a fan-holding arm jointed to a fixed figure and connected to a motor, said motor being also separately connected to a cradle, whereby the cradle and the fan may
5 each be moved through the medium of the two connections, and that such figure had its other arm represented by a flexible sleeve loosely receiving a forearm connected to the cradle, whereby said sleeve is moved or agitated when the cradle is rocked, and such
10 combination is not of my invention.

My improvement is characterized by a figure and cradle and a motor, the latter being adapted to rock the cradle directly and to
15 directly move the body of the figure through the medium of an arm made of rigid material, a single connection with the motor being employed for the movement of both cradle and figure.

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

1. In a toy of the class described, a cradle, a motor, a direct connection between the mo-

tor and cradle whereby the latter is rocked, a
25 figure having no direct connection with the motor, and an arm of rigid material operatively connecting the body of the figure and the cradle, all substantially as set forth, whereby the motor that moves the cradle and
30 connection also moves the figure bodily through the medium of the cradle.

2. In a toy of the class described, a cradle, a jointed figure detachably connected to the cradle, a standard, spring-clips to hold the
35 figure detachably to the standard, a motor to rock the cradle and move the figure, and a spring-stop bearing on the body of the figure opposite the cradle to limit the motion of
40 said body.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

ANNA E. HAWLEY.

Witnesses:

R. C. O'NEIL,
WILSON BROWN, Jr.