C. C. KING.

TRUNDLE-TOYS.

No. 195,136. Patented Sept. 11, 1877.

Fig. 1.

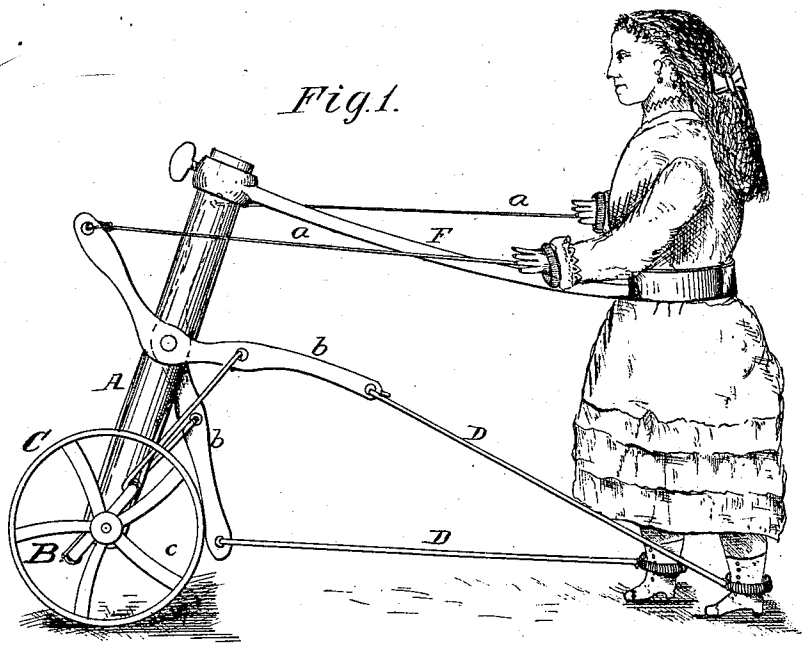


Fig. 2.

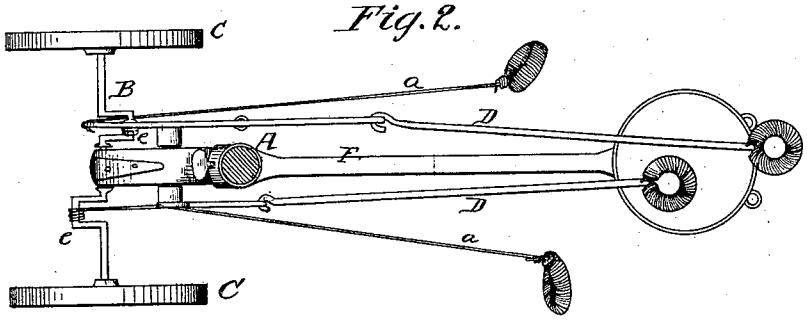
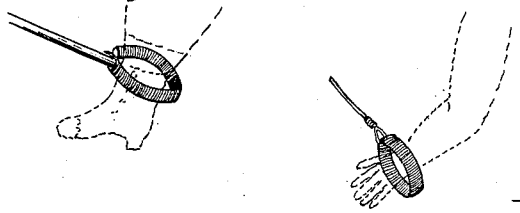


Fig. 3.



Attest:

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UNITED STATES PATENT OFFICE.

CHARLES C. KING, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN TRUNDLE TOYS.

Specification forming part of Letters Patent No. **195,136**, dated September 11, 1877; application filed May 3, 1877.

To all whom it may concern:

Be it known that I, CHARLES C. KING, of the city of Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Walking Dolls; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to the construction of a machine to which a doll may be attached, and by means of which said doll is held in an upright position and made to walk automatically.

The annexed drawing illustrates the nature and character of my invention, in which—

Figure 1 is a side view, representing a doll attached to the machine. Fig. 2 is a top or plan view of the latter, and Fig. 3 is a detail view of the wrist or ankle attachment in a modified form.

Similar letters of reference indicate corresponding parts in the several figures.

To the handle A is journaled a crank-shaft or axle, B, to which are rigidly secured small wheels C.

Arms D connect with the ankles of the doll and with levers *b*, or the cranks *e* of the machine, if preferred, said cranks *e* being in reversed positions, as indicated in the drawing.

The doll is supported in a naturally upright position by means of an adjustable arm, F, secured to the handle A, and connecting with the body of said doll, as shown and indicated in Fig. 1.

By seizing the handle A and propelling the machine a walking motion is imparted to the limbs by means of the levers *b*, which connect with the cranks *e* on the revolving shaft B, as will be readily understood.

The requisite corresponding motion of the arms of the doll is imparted, if desired, by means of wires or rods *a*, which connect with the wrists and the said levers *b*, the latter being fulcrumed upon the handle A, and their opposite ends connecting with the cranks *e*, as above stated, and as indicated and shown in the drawing.

The wrist and ankle fastenings may consist of elastic bands, if preferred, as indicated in Fig. 3, or any other suitable device.

I do not confine or limit myself to the number of wheels, or to the relative position of the doll to the machine here shown, as it is manifest that one, two, or more wheels may be employed and the doll placed in front or rear of the wheels without departing from the general principle of the invention.

What I claim is—

1. The combination of the handle A, crank-shaft B, wheels C, arms D, and levers *b* with the adjustable arm F and a doll or other figure, arranged to operate substantially as and for the purpose set forth.

2. In combination with the subject-matter of the preceding clause of claim, the wires or rods *a*, substantially as described.

In testimony that I claim the foregoing as my own I hereto affix my signature in presence of two witnesses.

CHARLES C. KING.

Witnesses:

OLIVER DRAKE,

P. J. INSLEE.