

R. J. Clay,
Creeping Doll.

No. 112,550.

Patented Mar. 14, 1871.

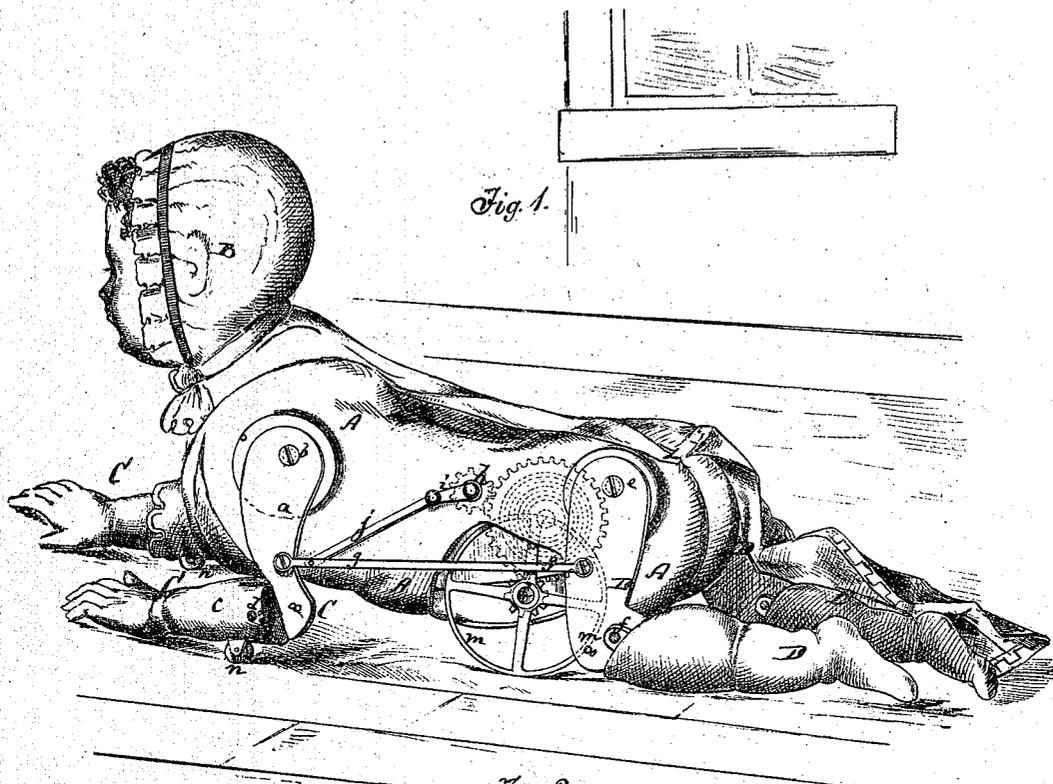


Fig. 1.

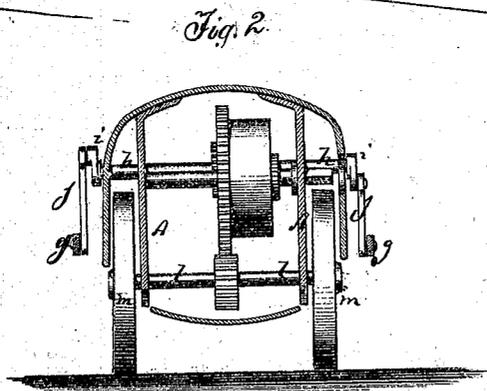


Fig. 2.

Witnesses:
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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN CREEPING DOLLS.

Specification forming part of Letters Patent No. **112,550**, dated March 14, 1871.

To all whom it may concern:

Be it known that I, ROBERT J. CLAY, of New York city, in the county and State of New York, have invented a new and Improved Creeping Baby-Doll; 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 make and use the same, reference being had to the accompanying drawing, forming part of this specification.

Figure 1 represents a side view, partly in section, of my improved creeping doll. Fig. 2 is a transverse section of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a new doll, which is provided with a concealed clock-work and mechanism, whereby its limbs are moved in imitation of those of a creeping baby while the doll itself is being propelled on the floor by concealed rotating wheels which support it. A very amusing toy is thus produced at small cost.

A in the drawing represents the trunk of the doll, provided with a fixed or jointed head, B. C C are its arms, and D D its legs.

The upper joint, *a*, of each arm is pivoted at *b* to the trunk.

The lower joint, *c*, of each arm is pivoted at *d* to the upper joint.

The upper joint of each leg is at *e* pivoted to the trunk, and the lower joint at *f* to the upper.

The upper joints of the right arm and right leg are connected with each other by a rod, *g*. A similar rod connects the upper joints of the left arm and leg.

Within the trunk is arranged a clock-work, which can be wound up at will. One trans-

verse shaft, *h*, of this clock-work carries two cranks, *i*, one at each side of the trunk. These two cranks are, by pitmen *j j*, respectively connected with the two rods *g g*, as in Fig. 2, the cranks projecting from opposite sides of the shaft, as shown. Another shaft, *l*, of the clock-work carries a pair of wheels, *m m*, which rest on the ground under the trunk, supporting the same in a horizontal position, as shown in Fig. 1.

The wheels *m*, it will be seen, are between the arms and legs, and can be concealed from view by the doll's garments.

Friction-rollers *n n* may be applied to the fore-arms to support the same on the ground, but may also, if desired, be dispensed with.

Stop-pins *o o* or equivalent devices may be applied to the joints of the arms and legs, to prevent them from dropping.

The crank-shaft *h* will oscillate the legs and arms in imitation of the movements of a creeping baby, while the wheels *m*, rotating, will propel the whole apparatus on the floor.

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

1. A creeping doll having the arms and legs connected by a rod, *g*, and pitmen with the crank-shaft *h*, substantially as herein shown and described.

2. The wheels *m m*, combined with a creeping doll for propelling the same, while the hands and feet make the imitation motions, as set forth.

ROBERT J. CLAY.

Witnesses:

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