

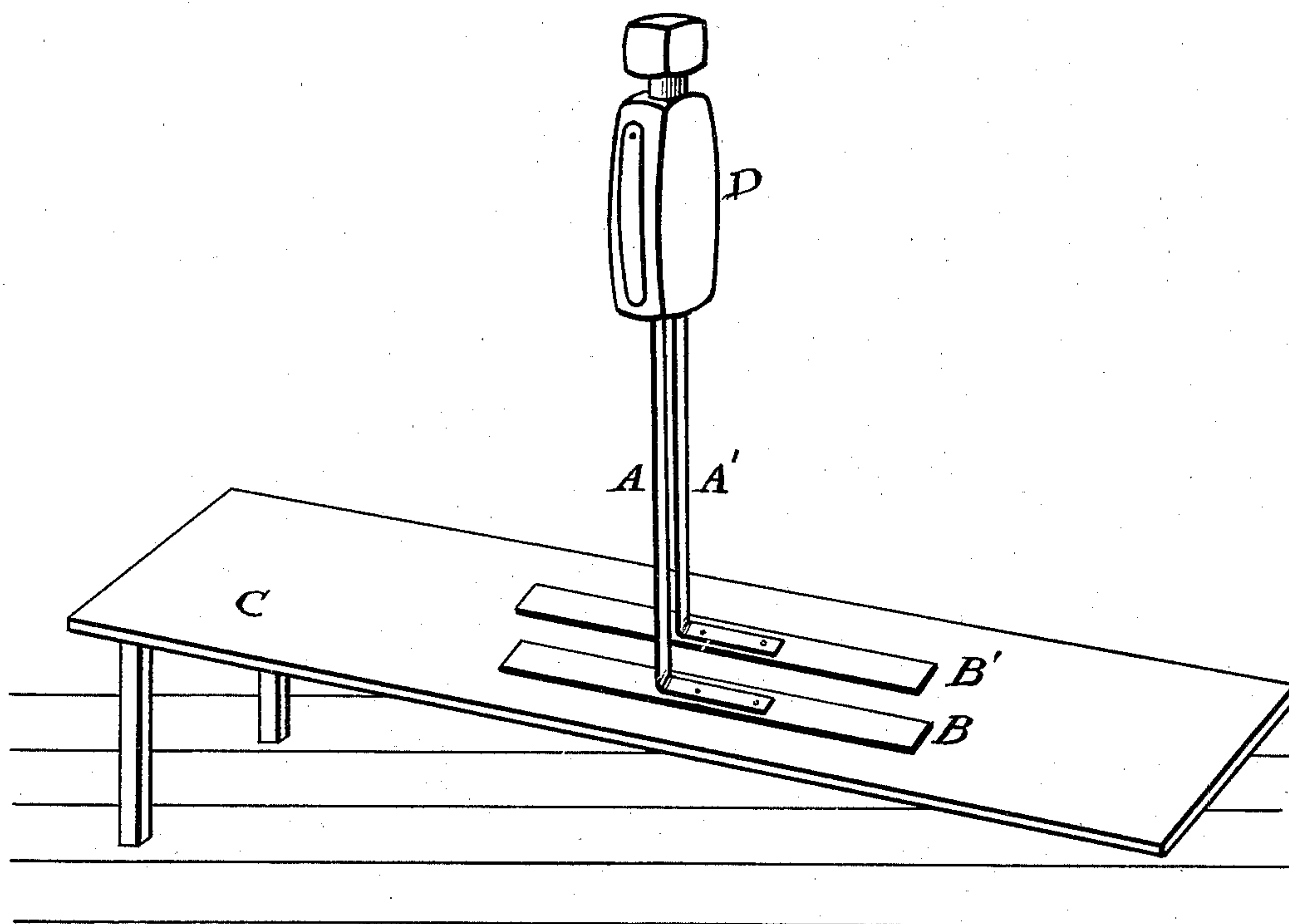
No. 612,467.

Patented Oct. 18, 1898.

J. A. UDDEN.
TOY.

(Application filed Sept. 4, 1897.)

(No Model.)



Witnesses.
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UNITED STATES PATENT OFFICE.

JOHN A. UDDEN, OF ROCK ISLAND, ILLINOIS.

TOY.

SPECIFICATION forming part of Letters Patent No. 612,467, dated October 18, 1898.

Application filed September 4, 1897. Serial No. 650,697. (No model.)

To all whom it may concern:

Be it known that I, JOHN A. UDDEN, a citizen of the United States, residing at Rock Island, Rock Island county, Illinois, have invented a new and useful Toy, of which the following is a specification.

My invention relates to toys which automatically imitate certain movements of living creatures; and its object is to provide a toy which imitates the movements of walking and utilizes the force of gravity as a motive power.

In carrying out my invention I make use of the mechanism shown in the drawing accompanying and forming a part of this specification.

In the drawing, D is a suitable block, body, or other connection adapted to be fantastically dressed or decorated as to resemble the figure of a man or of any other creature.

A A' are legs made of spring-steel or other equivalent material rigidly affixed to the block at their upper extremities and relatively rather long with reference to the block D.

B B' are feet attached to the bottom of the spring-legs A A', respectively, and are relatively long and broad and may be removably or permanently attached to the legs, as desired. I make these feet in imitation of the Norwegian skee or snow-shoe and perfectly flat on the bottom except for a very slight upturn at the front end.

C is an inclined plane of any desirable length and inclination.

The toy being placed at the top of the in-

clined plane and slight vibratory or rocking motion from side to side imparted to it, it will walk or shuffle alternately on one foot and the other until it reaches the bottom of the plane.

The form of the block D is immaterial, and any rigid connection between the upper part of the legs is sufficient if the whole toy has weight sufficient to operate it. The feet are made long and broad, so as to maintain the toy in an upright position; but it is manifest that this may be accomplished by other means without departing from the spirit of my invention.

I am aware that walking toys have been constructed heretofore which operate on an inclined plane by the force of gravity, the legs being pivoted in or on the figure and the feet curved on the bottom and operating by a pendulum motion, and I therefore do not desire to be understood as claiming a device of that character.

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

A toy comprising spring-legs rigidly affixed to and supporting a body and provided with feet flat on the bottom in combination with an inclined plane as described.

JOHN A. UDDEN.

Witnesses:

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