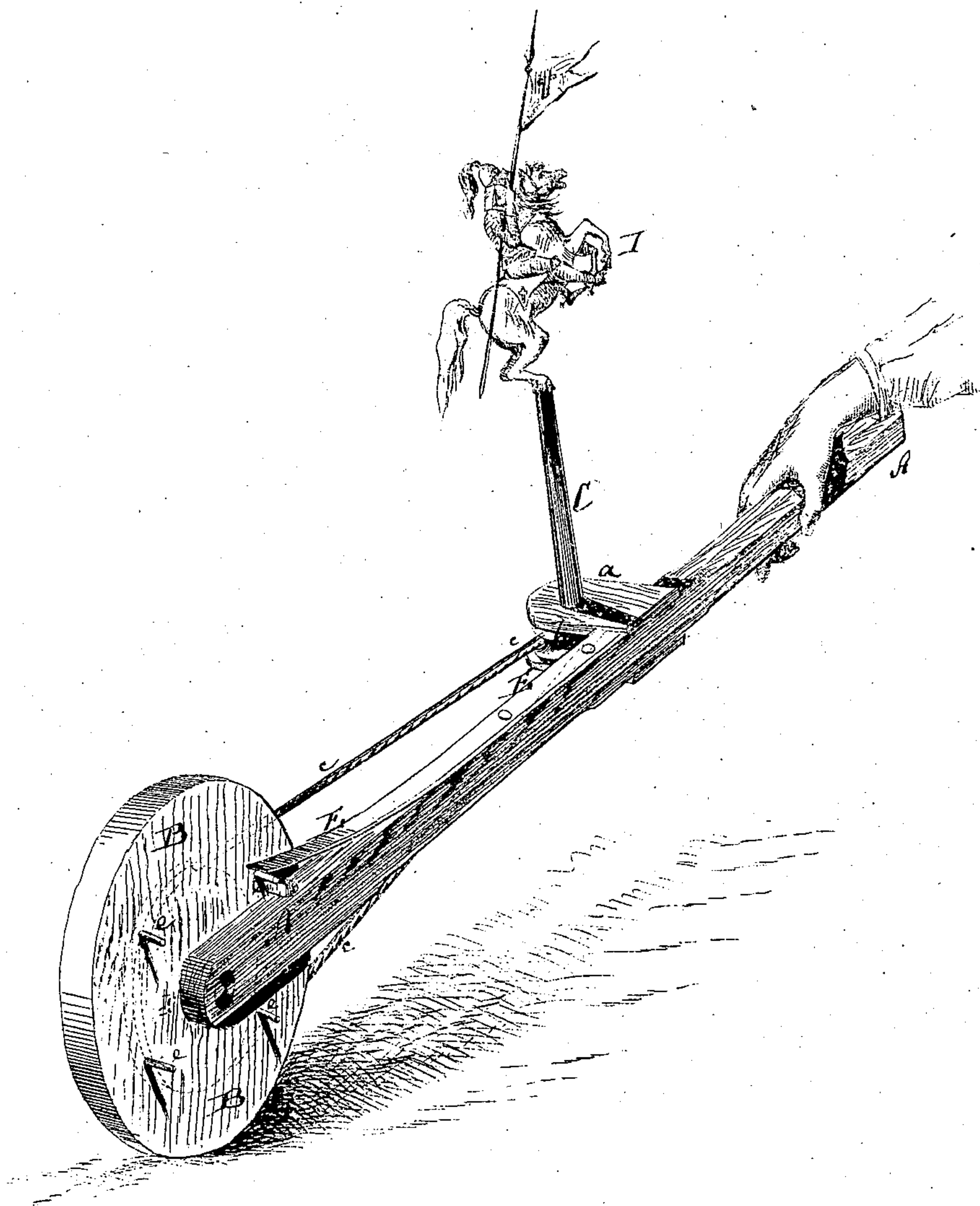


100290

H. J. Heald. Toy.

PATENTED MAR 1 1870



Witnesses:

Justave Dietrich
Alex. F. Roberts

Inventor:

H. J. Heald

PER

M. M. M.
Attorneys.

United States Patent Office.

H. J. HEALD, OF BIRMINGHAM, CONNECTICUT, ASSIGNOR TO HIMSELF
AND HENRY SOMERS, OF SAME PLACE.

Letters Patent No. 100,290, dated March 1, 1870.

TOY.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, H. J. HEALD, of Birmingham, in the county of New Haven, and State of Connecticut, have invented a new and improved Toy; 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, in which represents a perspective view of my improved toy.

This invention relates to a new toy which when in motion attracts both the eyes and ears of children, and causes them to remain in motion in order to prolong their amusement.

The invention consists in the combination of a rotating figure, which is propelled by a wheel revolving on the ground, with a rattle, which is a spring elevated by pins on the wheel.

A in the drawing represents a bar of wood or other material, made of suitable size and form.

One end of the bar A forms the bearing for the axle of a wheel, B. The other end of the bar is the handle of the instrument, as shown.

In ears *a a*, that project from the bar A, is supported a vertical arbor, C.

The same carries a small pulley, *b*, which receives a belt, *c*, from a pulley, *d*, on B.

Upon the upper end of the arbor C is secured a figure or article, D, of suitable kind.

E is a spring secured with one end to the bar A. Its other end is in line with a series of pins, *e*, which projects from the face of the wheel.

As the instrument is moved along, with the edge of the wheel resting upon the floor or ground, such wheel will be revolved, and will thereby rotate the arbor C and the figure thereon, while its pins *e* will alternately elevate and let snap the spring E.

Bodily exercise is promoted by this toy, as it is only operated satisfactorily when the children are in motion.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

A toy formed of the bar A, having ears *a a* and spring E thereon, the wheel B, with pins *e* on its side face, belt *c*, pulley *b*, and rotating shaft C for the reception of some toy, all combined, arranged, adjusted, and operated as and for the purpose specified.

The above specification of my invention signed by me this day of , 1869.

H. J. HEALD.

Witnesses:

GEO. W. MABEE,

ALEX. F. ROBERTS.