

No. 877,360.

PATENTED JAN. 21, 1908.

E. D. NEAGLE.

TOY.

APPLICATION FILED MAY 3, 1907.

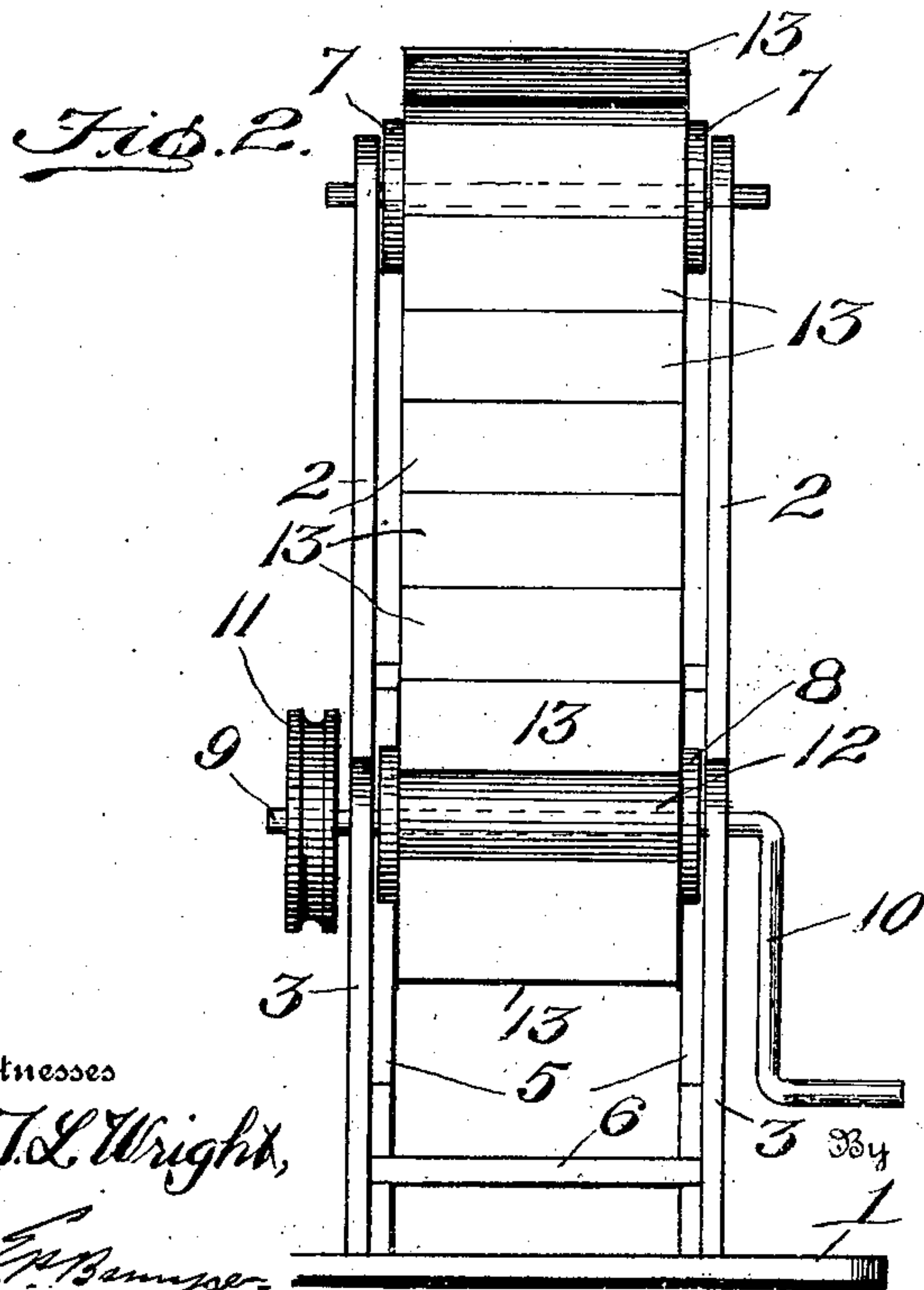
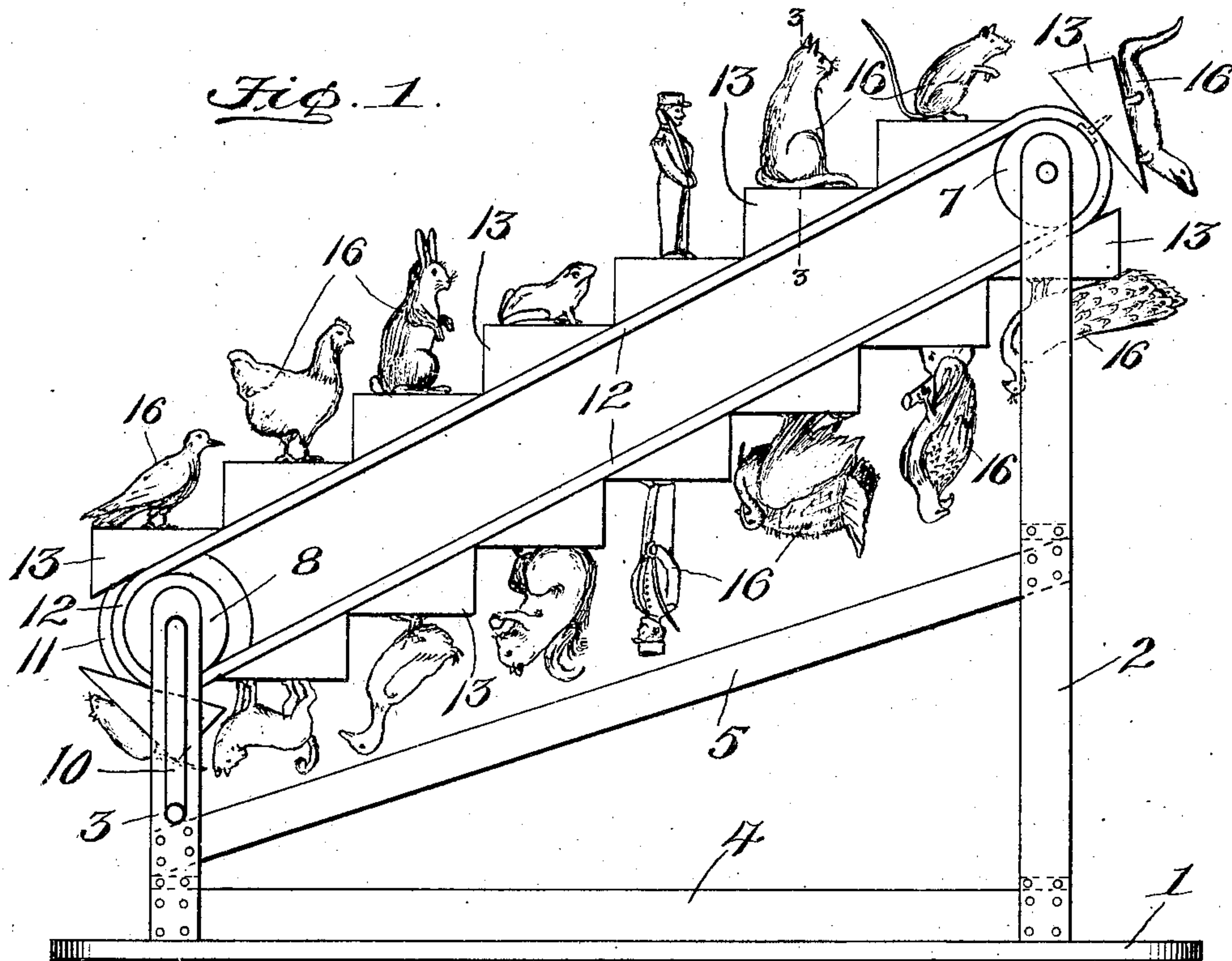
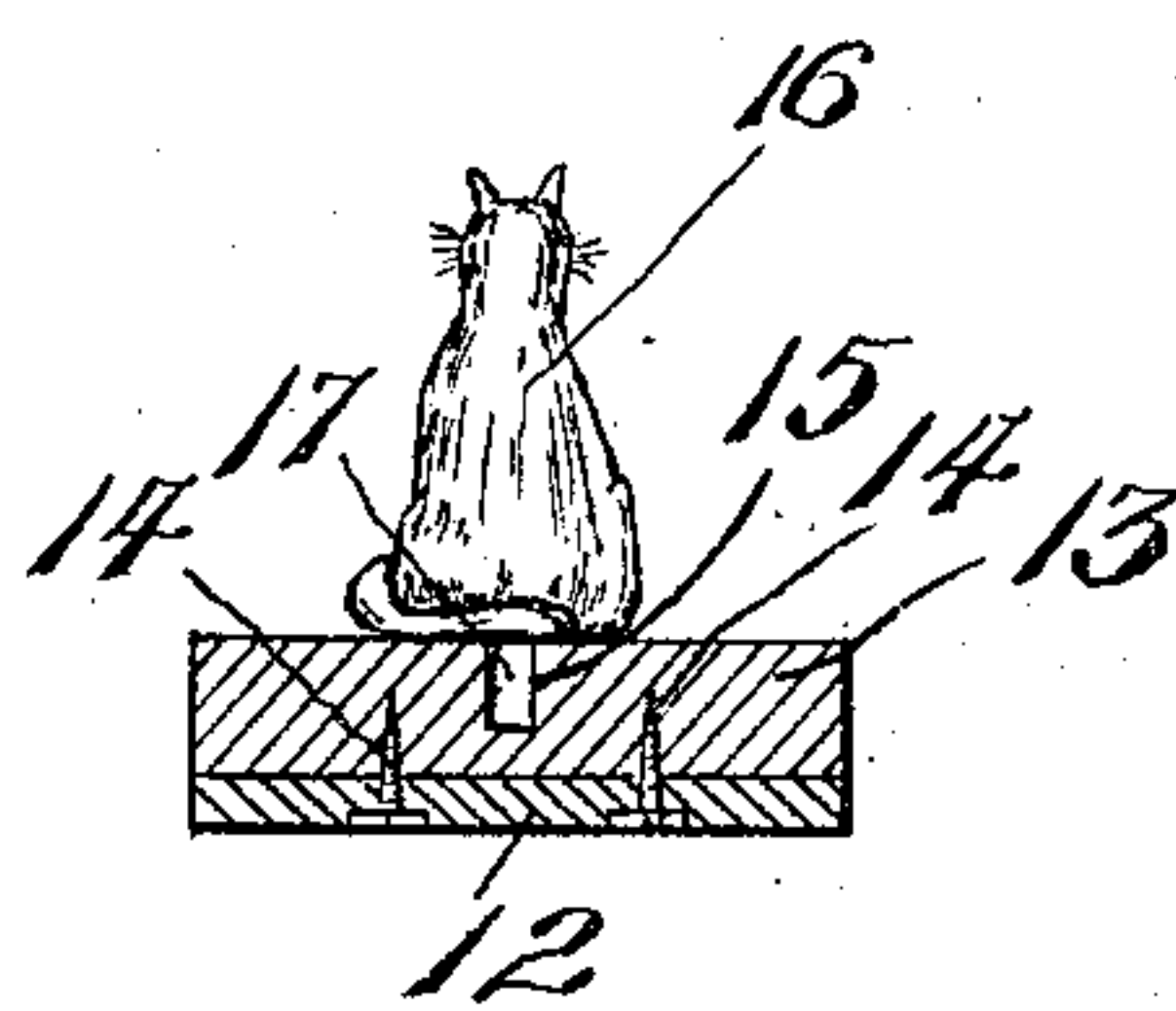


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

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TOY.

No. 877,360.

Specification of Letters Patent.

Patented Jan. 21, 1908.

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To all whom it may concern:

Be it known that EDWARD D. NEAGLE, a subject of the King of Great Britain, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented new and useful Improvements in Toys, of which the following is specification.

This invention relates to toys, and one of the principal objects of the same is to provide a toy representing a traveling staircase with a figure mounted on each step of the stairs to be brought into view successively.

Another object of the invention is to provide a simple hand operated toy for children, which will present a series of figures of animals, birds, or soldiers to view on an endless staircase.

These and other objects may be attained by means of the construction illustrated in the accompanying drawing, in which:

Figure 1 is a side elevation of a toy made in accordance with my invention. Fig. 2 is an end elevation of the same with the figures removed from the steps. Fig. 3 is a sectional view on the line 3—3, Fig. 1.

Referring to the drawing for a more particular description of my invention, the numeral 1 designates a suitable base and rising from this base at one end is a pair of uprights 2, and from near the other end a pair of shorter uprights 3, said uprights being connected by longitudinal bars 4 and diagonal braces 5 and cross bars 6. Mounted to rotate in the uprights 2 is a roller 7, and journaled in the uprights 3 is a roller 8, the shaft 9 of which is provided with a suitable crank handle 10 and mounted upon said shaft is a grooved pulley 11. A flexible belt 12 passes around the rollers 7, 8, and secured to the belt 12 are a series of steps 13 connected to the belt by means of countersunk screws or fastenings 14. Each of the steps 13 is provided with a centrally disposed socket 15,

and each of the figures 16 is provided with a pin 17 by means of which the animals may be connected to the steps 13 in a removable manner.

It is to be noted that the steps 13 are connected to the belt on a substantially central line through the steps and the base of the step lies flat upon the belt, thus permitting the steps to pass around the roller 7 as shown at the right hand end of Fig. 1 of the drawing, the bases of the steps lying flat upon the upper and lower stretch of the belt.

From the foregoing it will be obvious that the toy may be operated by hand by means of the crank 10 or a suitable motor may be connected to the grooved pulley 11 to operate the device by power.

My invention is of simple construction, is amusing and instructive for children, bringing into view a different series of animals or other figures, cannot get readily out of order, and may be produced and sold at a low price.

Having thus described the invention, what I claim is:

The herein described toy comprising a base, uprights secured near the opposite ends of said base, one pair of said uprights being longer than the other pair, rollers mounted in the uprights, means for operating one of said rollers, an endless belt passing around said rollers, a series of steps secured to said belt by fasteners extending through the belt and centrally into said steps, and the latter provided with sockets in their upper surfaces, and a series of figures each provided with a pin on its under surface for removable connection with the socket.

In testimony whereof, I affix my signature in presence of two witnesses.

EDWARD D. NEAGLE.

Witnesses:

CORA V. GOLDSMITH,
ANNA KALISTA.