

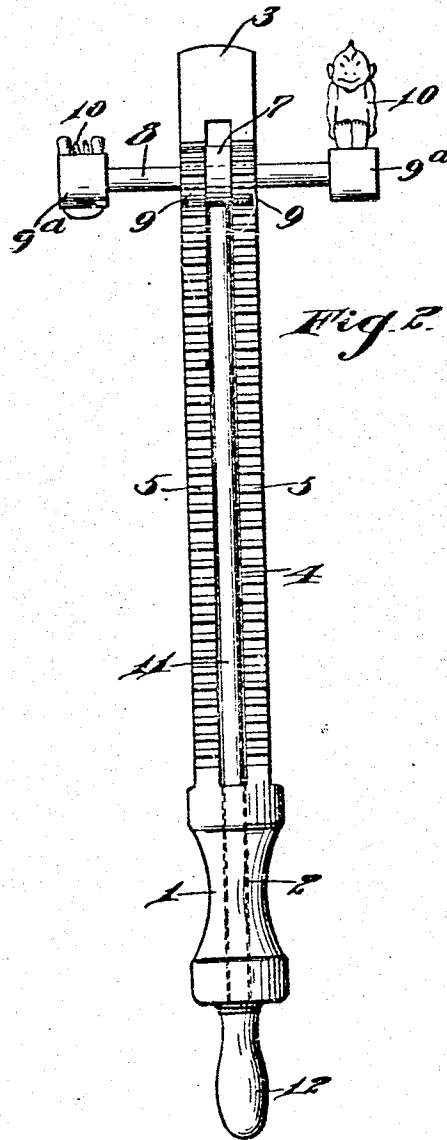
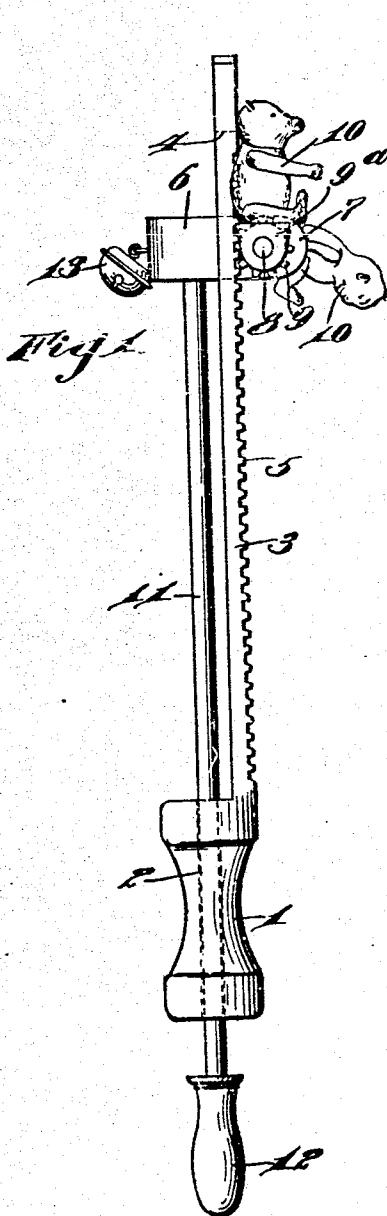
J. P. REINHART.

TOY.

APPLICATION FILED AUG. 6, 1909.

955,550.

Patented Apr. 19, 1910.



Witnesses
Thos. Rosenmund.
J. A. S. Mulhall.

Inventor
James P. Reinhart,
By Joshua R. P. Potts.
Attorney

UNITED STATES PATENT OFFICE.

JAMES P. REINHART, OF PHILADELPHIA, PENNSYLVANIA.

TOY.

955,550.

Specification of Letters Patent.

Patented Apr. 19, 1910.

Application filed August 6, 1909. Serial No. 511,494.

To all whom it may concern:

Be it known that I, JAMES P. REINHART, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Toys, of which the following is a specification.

My invention relates to an improved toy, the object of the invention being to provide an improved toy which will be ornamental and attractive in appearance, cheap to manufacture, simple in construction and easily operated by a child to cause figures to revolve or turn somersaults.

With these objects in view the invention consists in certain novel features of construction and combinations and arrangements of parts as will be more fully hereinafter described and pointed out in the claims.

In the accompanying drawings, Figure 1, is a view in side elevation illustrating my improvements, and Fig. 2, is a view in side elevation taken at right angles to Fig. 1.

1 represents a tubular hand-hold to which, at one end, and at one side of its bore 2, a long bar 3 is made integral and provided with a longitudinal slot 4, and made with gear teeth at opposite sides of the slot, forming racks 5.

6 represents a block having a tongue portion 7, projecting through the slot 4 and having a bearing for a shaft 8. Pinions 9 are secured on shaft 8 at opposite sides of tongue 7 and mesh with the teeth of racks 5. Blocks 9^a are fixed to the ends of shaft 8, and ornamental figures 10 are secured upon the blocks. While of course I do not restrict myself to the particular figures shown I preferably seat figures like the well known "Teddy bear" on one block and "Billiken" on the other. A rod 11 is mounted to slide in the bore 2 of hand-hold 1 and is secured at one end to block 6, and a handle 12 is secured on the other end of the rod 11 at the opposite end of hand-hold 1, and a bell 13 is preferably secured to block 6 so as to sound when the block is moved.

The operation is as follows:—The operator grasps hand-hold 1 with one hand, and

handle 12 with the other, and by drawing rod 11 back and forth through hand-hold 1 the block 6 is caused to reciprocate. This movement of block 6, due to pinions 9 meshing with racks 5, will revolve shaft 8 and cause the figures 10 to revolve or turn somersaults and the bell 13 to ring.

The toy may be ornamented in various ways and various slight changes might be made in the general form and arrangement of the parts described without departing from my invention, hence I do not restrict myself to the precise details set forth but consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of the appended claims.

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

1. A toy, comprising a rack, a figure, a pinion meshing with the rack and secured to turn with the figure, and means for moving said rack and pinion in opposite directions to turn the figure.

2. A toy, comprising a rack, a block, means for reciprocating the block, a shaft in the block, a pinion on the shaft meshing with the rack, and a figure secured on the shaft.

3. A toy, comprising a rack, a block, means for reciprocating the block, a shaft projecting through the block, figures secured on the ends of the shaft, and a pinion on the shaft meshing with the rack.

4. A toy, comprising a tubular hand-hold, a bar fixed to the hand-hold and having a longitudinal slot therein, racks at opposite sides of said slot, a block, a tongue on the block projecting through the slot, a shaft mounted to turn in the tongue, pinions on the shaft meshing with said racks, figures secured on the shaft, a rod secured to the block and mounted to slide in the tubular hand-hold, and a handle on the free end of said rod.

5. A toy, comprising a tubular hand-hold, a bar fixed to the hand-hold and having a longitudinal slot therein, racks at opposite sides of said slot, a block, a tongue on the

block projecting through the slot, a shaft
mounted to turn in the tongue, pinions on
the shaft meshing with said racks, figures
secured on the shaft, a rod secured to the
5 block and mounted to slide in the tubular
hand-hold, and a handle on the free end of
said rod.

In testimony whereof I have signed my
name to this specification in the presence of
two subscribing witnesses.

JAMES P. REINHART.

Witnesses:

W. S. BOGART,

J. A. L. MULHALL.