J. SOMOGYI.

TOY.

APPLICATION FILED MAY 24, 1917.

1,247,342.

Patented Nov. 20, 1917.

2 SHEETS—SHEET 1.

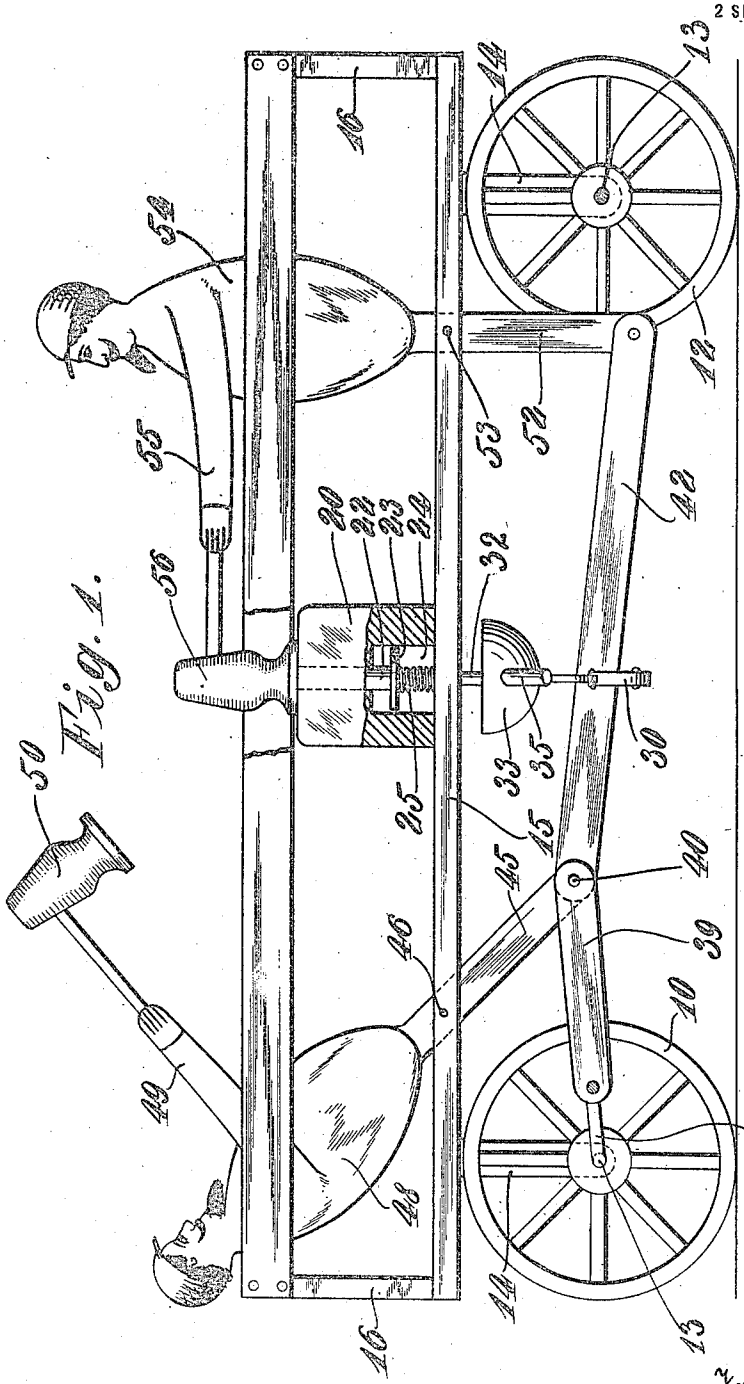


Fig. 1.

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2 SHEETS—SHEET 2.

Fig. 2.

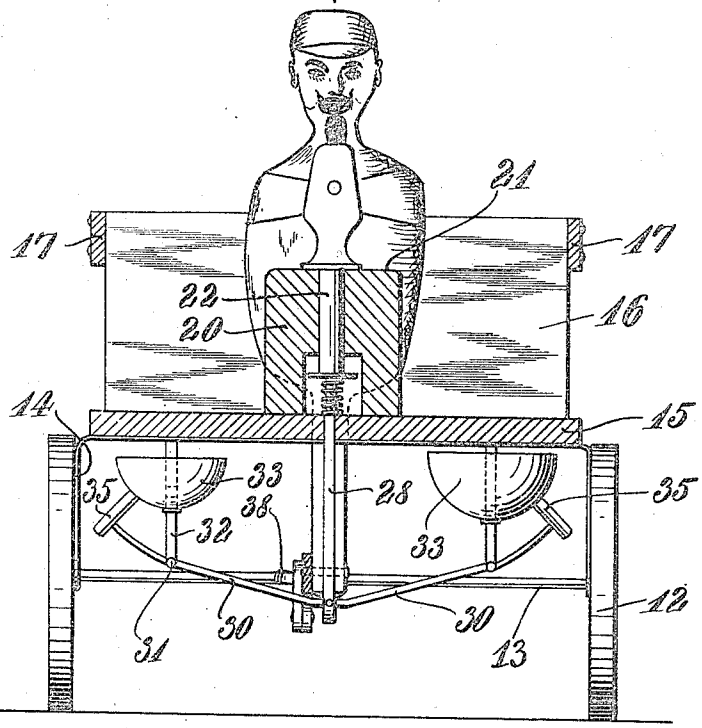
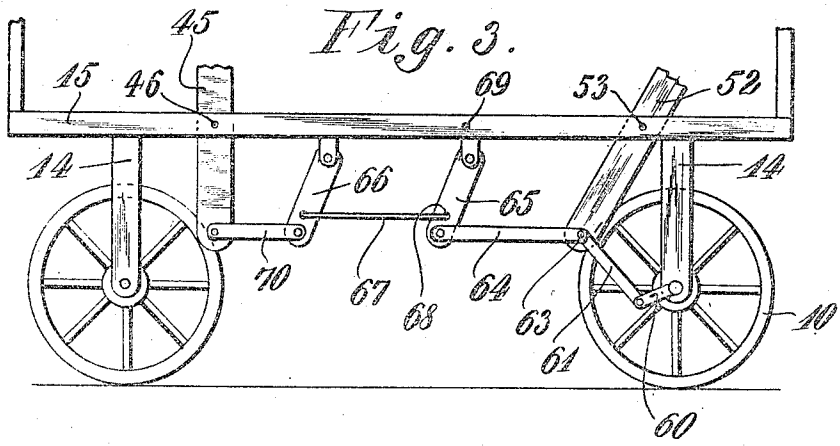


Fig. 3.



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UNITED STATES PATENT OFFICE.

JOSEPH SOMOGYI, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR OF ONE-HALF TO GABRIEL PAPP, OF SHELTON, CONNECTICUT.

TOY.

1,247,342. Specification of Letters Patent. Patented Nov. 20, 1917.

Application filed May 24, 1917. Serial No. 170,588.

To all whom it may concern:

Be it known that I, JOSEPH SOMOGYI, a subject of the King of Hungary, resident of Bridgeport, county of Fairfield, and State of Connecticut, have invented certain new and useful Improvements in Toys, of which the following is a specification.

This invention relates to improvements in toys, and particularly to those of a movable type.

The principal object of the invention is to provide a toy which may be trundled along any level surface, the same consisting of a wheeled truck upon which are pivoted movable objects, representing living characters, motion being transmitted to the objects by the truck wheels.

A further object is to provide means in forms which cause an audible sound, simulative of the sound produced by the characters as engaged in their representative vocations.

A further object is to provide a cheap and durable toy, easily operated by children and which affords great pleasure and amusement.

These and other like objects are attained by the novel design, construction and combination of parts hereafter described and shown in the accompanying drawings, forming a material part of this disclosure, and in which:—

Figure 1 is a partial side elevational and sectional view of a toy made in accordance with the invention.

Fig. 2 is a vertical sectional view of the same, and

Fig. 3 is a partial side view showing a modification of construction.

In the views shown in Figs. 1 and 2, pairs of wheels 10 and 12 are mounted on axles 13 upon which rise standards 14, the same being secured to platforms 15, having end plates 16, connected by longitudinally disposed bars 17, forming a frame in which the characters operate.

Attached centrally on the platform 15 is a cylindrical projection 20, having a level upper surface 21, simulative of a common forge anvil.

A central opening is formed through the anvil 20 in which is a slidable rod 22, having affixed upon it, a collar 23, the same being movable within a recess 24, formed in the lower part of the anvil, and held normally upward by a coiled spring 25, the lower end of which rests against the platform 15, a reduced extension 28 of the rod 22 passing through the platform 15 and having engaged at its lower end a pair of oppositely disposed levers 30, pivoted at 31 in depending vertical rods 32, which are used to rigidly secure the bells 33, against which the hammers 35 contact when the rod 22 is pressed level with the surface of the anvil, the hammers being carried at the extreme ends of the levers 30.

One of the axles 13 upon which the wheels 10 are secured is formed with a crank 38, and engaged with the crank is a plate link 39, connected at its outer opposite end by a pin 40 with a bar 42 and also with the lever 45, pivoted on the pin 46, set in the platform 15, and having at its upper end a figure 48 representing a blacksmith and carrying in an extended arm 49 a sledge 50.

At the opposite end of the bar 42 is attached another lever 52, pivoted on the pin 53, in the platform 15, and having at its upper end a figure 54 simulative of another blacksmith in the extended arm 55 of which is carried a second hammer or sledge 56, here shown to be resting upon the face of the anvil and depressing the rod 20, thereby causing the bells 33 to emit an audible sound.

Obviously, as the apparatus is trundled and the crank shaft revolved, the position of the figures will be changed, each rising substantially perpendicular and delivering the blow of a hammer upon the face of the anvil, in alternate relation.

In Fig. 3 a modified view is shown, comprising substantially the same truck mechanism, but having a crank 60 engaging with a link 61, pivoted at its end to the lever 52 carrying one of the figures, as previously described.

Also engaged by the pin 63 is a bar 64, communicating reciprocating motion to the lever 65, a duplicate lever 66 being engaged through the removable links 67, the end 68 of which may be removed from the lever 65 and entered into the opening 69 in the platform 15 at which time the lever 66 will be in a perpendicular position or when engaged as shown, communicating motion through the link 70 to another lever 45, pivoted in the platform.

In this adaptation, one of the figures may be held in a stationary vertical position,

while the other may be moved as above described, or both may be so linked together by the element 67 as to act in unison in conveying the intermittent motion transmitted by the crank 60.

From the foregoing, it will be readily seen that as the truck is trundled along the surface, that either one or both of the objects, simulative of a blacksmith, are caused to perform their functions and that the same will be audibly announced by means of the bells indicated.

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

1. In a toy of the class described, the combination with two pairs of wheels having a platform mounted thereon, objects simulative of artisans pivotally engaged on said platform, a crank operated by said wheels, connections between said cranks and the extremities of said objects whereby they are caused to change their posture, a projection raised centrally on said platform, a rod movable therein, means for maintaining said rod normally above said projection, elements carried by said objects adapted to make forcible contact with the extended ends of said rod, one or more bells below said platform, and a hammer engaged with said rod for striking said bells.

2. In a toy of the type described, the combination with a wheeled truck, a pair of levers pivoted in said truck and extending therebelow, a crank operated by one pair of wheels of said truck, connections between said crank and said levers, figural objects representing artisans mounted on said levers, engaging means between said levers and said crank, a link connecting between said levers, and means for holding said link in an inoperative position when disengaged.

In testimony whereof I have affixed my signature.

JOSEPH SOMOGYI.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."