T. GAWLIK.

FIGURE TOY.

APPLICATION FILED APR. 18, 1914.

1,102,148.

Patented June 30, 1914.

2 SHEETS—SHEET 1.

Fig. 1.

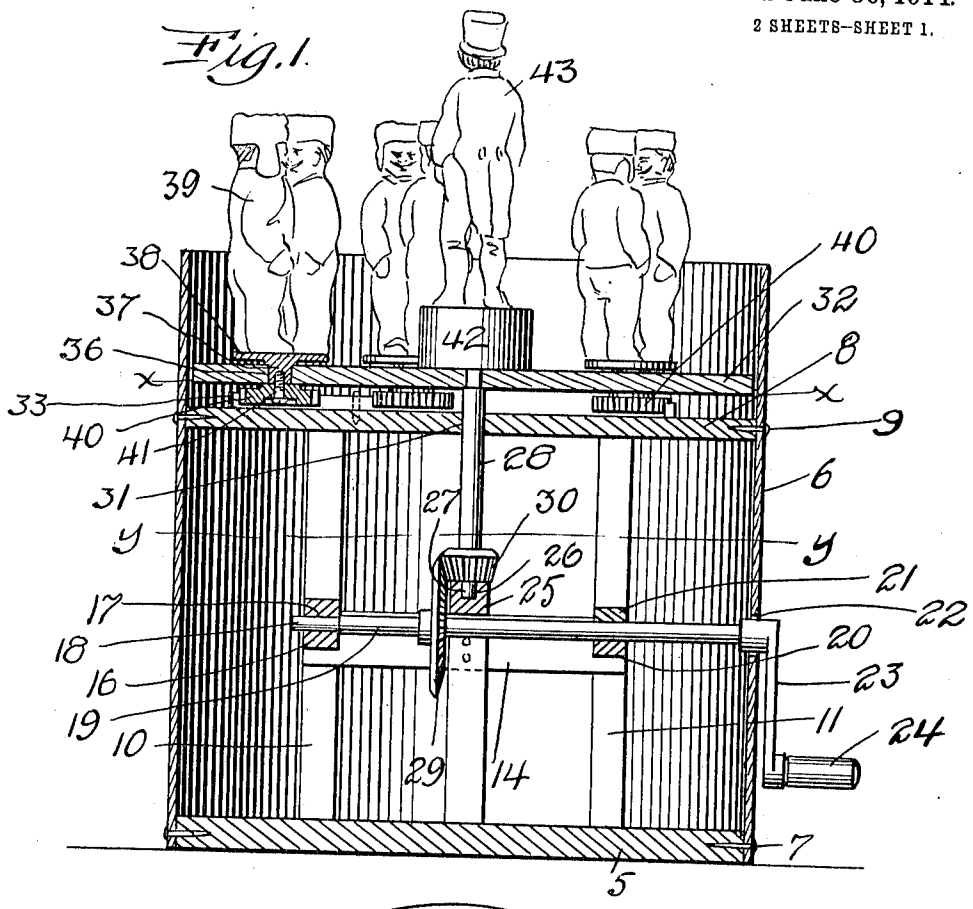
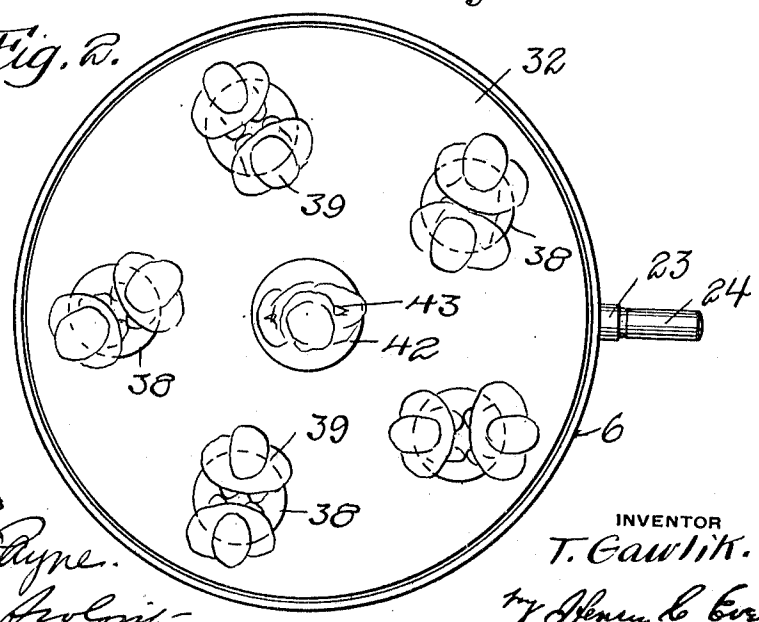


Fig. 2.



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2 SHEETS—SHEET 2.

Fig. 3.

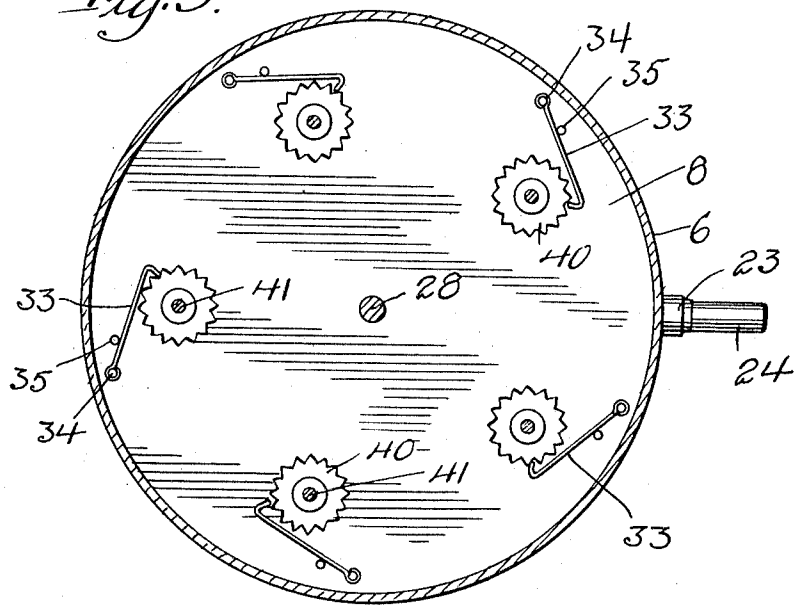
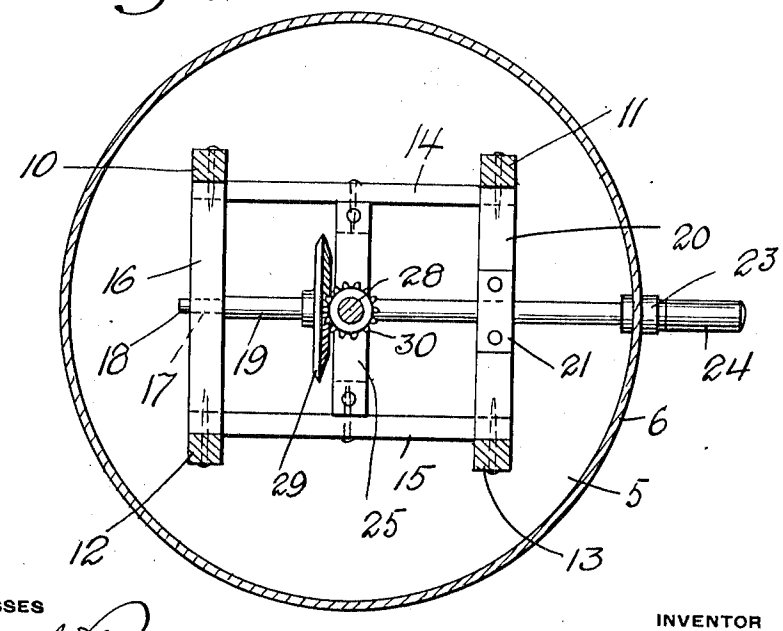


Fig. 4.



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FIGURE TOY.

1,102,148. Specification of Letters Patent. Patented June 30, 1914.

Application filed April 18, 1914. Serial No. 832,866.

To all whom it may concern:

Be it known that I, TOMASZ GAWLIK, a subject of the Emperor of Austria-Hungary, residing at Springfield, in the county of Sangamon and State of Illinois, have invented certain new and useful Improvements in Figure Toys, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to figure toys, and has for its object to provide a toy of such class, in a manner as hereinafter set forth, which when operated will create considerable amusement.

Further objects of the invention are to provide a figure toy, which is simple in its construction and arrangement, strong, durable, conveniently operated, readily set up and inexpensive.

With the foregoing and other objects in view, the invention consists of the novel construction, combination and arrangement of parts, as hereinafter more specifically described and illustrated in the accompanying drawing, wherein is shown an embodiment of the invention, but it is to be understood that changes, variations and modifications can be resorted to which come within the scope of the claims hereunto appended.

In the drawings wherein like reference characters denote corresponding parts throughout the several views:—Figure 1 is a vertical sectional view of a figure toy in accordance with this invention, Fig. 2 is a top plan view, Fig. 3 is a section on line X—X Fig. 1 and Fig. 4 is a section on line Y—Y Fig. 1.

Referring to the drawings in detail, 5 denotes a base, which is arranged within a vertically disposed cylindrical receptacle 6, the latter abutting against the edge of said base 5 and furthermore secured thereto through the medium of holdfast devices 7. Arranged within the receptacle 6, intermediate the ends thereof, is a partition 8, which abuts against the inner face of the receptacle 6, and is secured to the receptacle 6 by holdfast devices 9.

Interposed between the partition 8 and base 5, as well as extending from one to the other and secured thereto is a series of uprights 10, 11, 12 and 13. The uprights 10 and 11 are connected together, intermediate their ends, by a coupling member 14 and the uprights 12 and 13 are connected together, intermediate their ends by a coupling member 15. The members 14 and 15 are arranged parallel. The uprights 10 and 12 are connected together by a cross bar 16, which is formed with an opening 17 to constitute a bearing for the pintle 18, of an operating shaft 19. The upright 11 is connected to the upright 13 by a cross bar 20, provided with a bearing 21, for the shaft 19. The shaft 19 projects through an opening 22 formed in the receptacle 6 and is provided with a crank 23 having a handle 24, and by such an arrangement the shaft 19 can be rotated when occasion so requires.

Connected to the members 14 and 15, is a support 25, provided with a socket 26, which constitutes a bearing for the pintle 27, formed on the lower end of a vertically disposed shaft 28. The shaft 19 is provided with a beveled gear 29, which meshes with the beveled pinion 30, carried on the lower end of the shaft 28, whereby when the shaft 19 is rotated, motion is transmitted through the gear 29 and pinion 30, so as to rotate the shaft 28. The shaft 28 extends up through an opening 31, formed centrally of the partition 6, and has secured upon its upper end a circular platform 32.

The upper face of the partition 8, has secured thereon, a series of equally spaced hook-shaped resilient pulling members 33. The said members have one end connected to lugs 34, carried by the platform 6, and the said platform is further provided with pins 35 to arrest movement in one direction of the pulling member 33.

The platform 32 is formed with a series of equally spaced openings 36, and extending in each of said openings 36 is a shaft 37, which depends from a platform or supports 38, carrying a pair of miniature figures 39. Connected to each of the shafts 37 and arranged below the platform 32, is a ratchet wheel 40, the said wheel 40 is connected to said shaft 37 by holdfast devices 41.

The platform 42 is fixed to the upper end of the shaft 37, so that when the platform is revolved through the medium of said shaft 37, the pulling member 33 will intermittently engage the ratchet wheels 40 and intermittently rotate said wheel and applying a like action to the shafts 37, under such conditions intermittently rotating the platform 38 and which will carry the figures 39 around therewith.

Mounted centrally of the platform 32 and

fixed to the shaft 28 is a base 42, provided with a miniature figure 43, which projects above the miniature figures 39.

What I claim is:—

1. A figure toy comprising a revoluble platform, operating means therefor, a plurality of intermittently revoluble supports carried by and arranged above said platform, a plurality of ratchet wheels arranged below said platform and connected with said supports and capable of being intermittently actuated to intermittently revolve said supports, and pulling members engaging with said ratchet wheels during the operation of said platform for intermittently revolving said supports.

2. A figure toy comprising a receptacle, a partition arranged therein, a revoluble platform arranged through said partition, operating means carried by said receptacle for revolving said platform, a plurality of intermittently revoluble supports arranged above and connected with said platform and provided with miniature figures, ratchet wheels interposed between said platform and partition and connected with said supports for intermittently revolving these latter when said ratchet wheels are actuated, and means carried by said partition and intermittently engaging said ratchet wheels during the revolving of said platform to intermittently actuate said wheels.

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

TOMASZ GAWLIK.

Witnesses:
JAKOB SOTTOS,
ANTONI BROCKI.

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