C. A. MEURER.

TOY.

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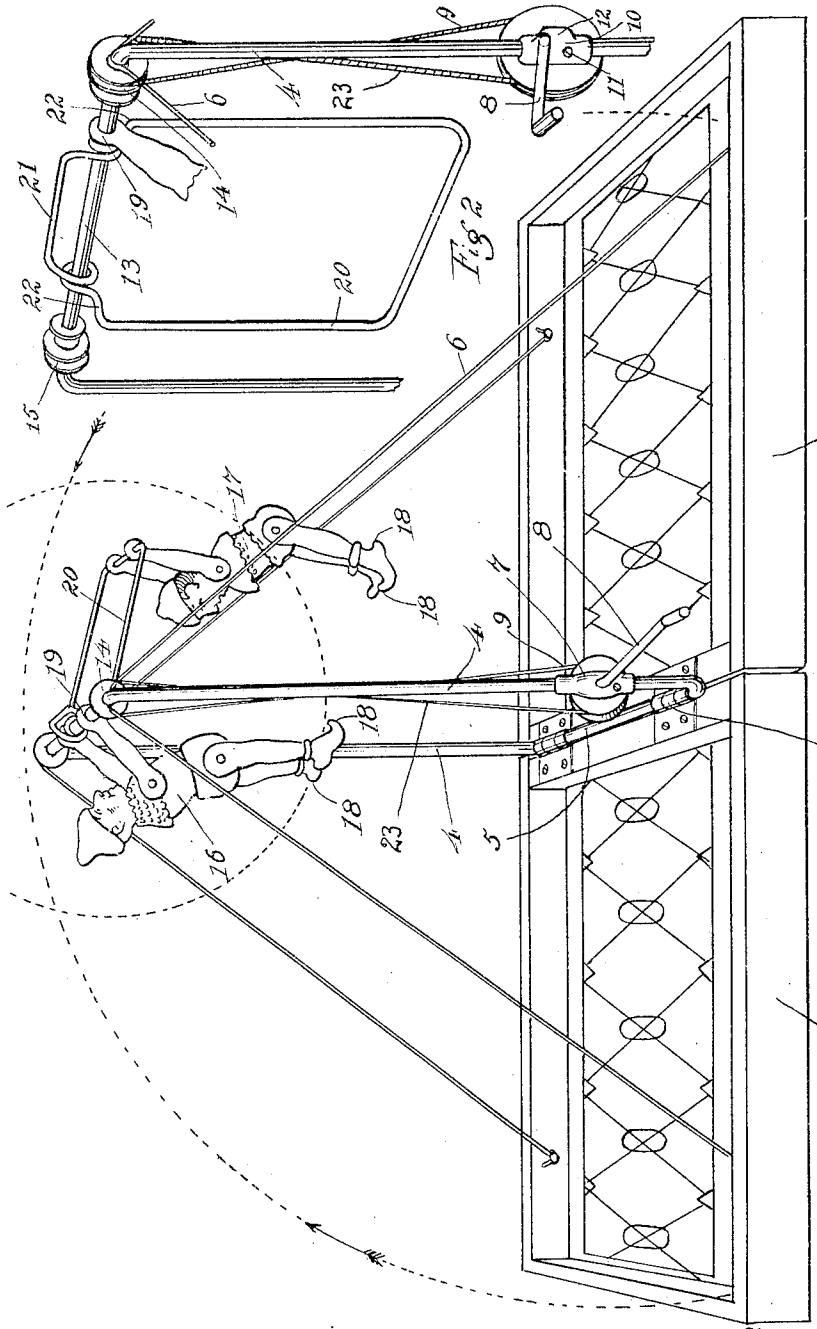


Fig. 1

Fig. 2

INVENTOR.

Charles A. Meurer

BY

ATTORNEY.

UNITED STATES PATENT OFFICE.

CHARLES A. MEURER, OF TERRACE PARK, OHIO.

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To all whom it may concern:

Be it known that I, CHARLES A. MEURER, a citizen of the United States, and a resident of Terrace Park, in the county of Hamilton and State of Ohio, have invented a certain new and useful Toy, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to toys wherein jumping jacks or whirling figures are employed, same being operated by the child to perform various antics. It is the object of my invention to provide a toy having preferably a pair of manikins, together with a trapeze, same being mounted in a box, and so incorporated with the box that it forms a base for the toy when in use, but entirely incloses it during transportation and when not in use.

These objects and other advantages to be noted I accomplish by that certain construction and arrangement of parts to be hereinafter specifically pointed out and claimed.

In the drawings,

Figure 1 is a perspective view of the complete device.

Fig. 2 is a detail perspective view showing the operating parts which cause the direct operation of the trapeze and manikins.

I provide as container for my device a box having the two sections 1 and 2 hinged together at 3. The standard upon which the toy is mounted comprises two uprights 4, 4 and a base 5. I prefer that this base be employed as the pintle of the hinges 3 of the box. I furthermore connect the upper ends of each standard or upright 4 with cords 6, which are secured at the sides of the two box sections near their outer corners.

With the device constructed as so far described, the opening of the box will bring the standards upright since they are controlled by the cords. Not only this but the closing of the box will entirely inclose the uprights. This construction is simple and adequate for the purpose, and is at the same time strong and easy to repair, since the bracing members are preferably pieces of cord or twine which can be replaced should they become broken.

One of the side standards is made in two parts and a straight coupling or union 7 set into it near its lower end. This union journals a pin having an operating handle 8 which pin carries on the inner side of the coupling a pulley 9 having a V-shaped peripheral groove. Another method of mounting and operating the pulley is shown in Fig. 2 wherein a sleeve 10 is held in place on the one standard by means of a set screw 11, this sleeve having an offset 12 which carries the revoluble pin and handle 8.

A bar 13 is provided having fitted rigidly on one of its ends the pulley 14, and on its other end a fitting 15, both the fitting and pulley being adapted to engage over and revolubly support the bar 13 on the bent over ends of the two side standards.

The manikins 16 and 17, are formed of any desired nature, having preferably jointed arms and legs, and feet which have hooks 18, at both heel and toe. The manikin 16 is tightly mounted on the shaft or bar 13, by means of its hands 19, which are suitably pierced with holes to engage over the bar. The manikin 17 is loosely mounted, in a similar manner on the horizontal bar of a trapeze 20, which trapeze is mounted loosely on the bar 13.

The trapeze has an additional loop 21, which is positioned to be caught by the toes or heels of the figures, and has a bent portion 22 at each side of its attachment to the bar 13, which offsets are positioned to engage the arms of the manikin 16.

When the bar 13 is revolved, the manikin 16 is the prime operating member for both manikins and trapeze, and will pick up, swing and drop the trapeze which, of course, carries around with it the manikin 17. In connection with the hooked toes and heels of the manikins and their jointed arms and legs, it can be observed that many antics can be performed by them, upon revolution of the bar 13. The bar 13 corresponds to a horizontal bar and the trapeze has two horizontal members and the manikins are of a length to catch with their feet on the various transverse members.

The means for operating the shaft or bar 13 comprises a wire or cord, 23, which passes over the pulleys 9 and 14. The operation of the handle 8 will thus revolve the bar and put the toy men into motion.

The side standards are spaced sufficiently inward from the edges of the box sections so that the sides thereof can be brought together outside of the handle when the box is closed, and the depth of the two sec-

tions is such as to readily contain both toys, when the trapeze is in dependent position.

The exact nature of the toys does not bear the relation of a necessary attribute to my invention in connection with a mounting means, container and operating means for a toy, nor does the precise method of operation form an essential feature of my invention.

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

1. The combination with a folding box member, of an upright frame secured to the same adjacent the line of fold, a revoluble element carried by said frame, toy figures operated by said revoluble element, said frame, figures and revoluble element adapted to be inclosed within the box upon the closing thereof.

2. The combination with two box sections having hinge members thereon, a frame work adapted in part to serve as a pintle for said hinge members, flexible bracing elements secured to the box section and to the upper portions of said frame-work, and a toy element mounted on said framework, said framework and toy element being adapted to be inclosed within the box sections when same are closed on each other on said hinges.

3. The combination with two box sections having hinge members thereon, a U shaped frame, adapted to serve as a pintle for said hinge members, a revoluble shaft carried by the upper end of said frame, toy figures on said shaft, and means on the frame for operating said shaft.

4. The combination with two box sections having hinge members thereon, a U shaped frame, adapted to serve as a pintle for said hinge members, a revoluble shaft carried by the upper end of said frame, toy figures on said shaft, and means on the frame for operating said shaft, comprising a pulley on the shaft and a pulley mounted adjacent the lower end of the frame, and a flexible belt member around said pulleys.

5. In a toy, the combination with a revoluble shaft, and means for operating the same, of a trapeze secured to said shaft, a jointed manikin supported on the shaft, with its means of support thereon and the trapeze lying in each other's path, a jointed manikin revolubly mounted on the trapeze, with said manikins having feet which are hooked at the heel and toe for the purpose described.

6. In a toy, the combination with a revoluble shaft, and means for operating the same, of a trapeze secured loosely on said shaft, a jointed manikin supported fixedly on the shaft, with its means of support thereon adapted to abut against the trapeze, a manikin revolubly mounted on the trapeze, with said manikins having feet which are hooked at the heel and toe, a transverse member for said trapeze adjacent said shaft, said manikins being of a length for the feet thereof to catch upon the trapeze and the transverse member thereof.

CHARLES A. MEURER.