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TOY

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FIG. 1.

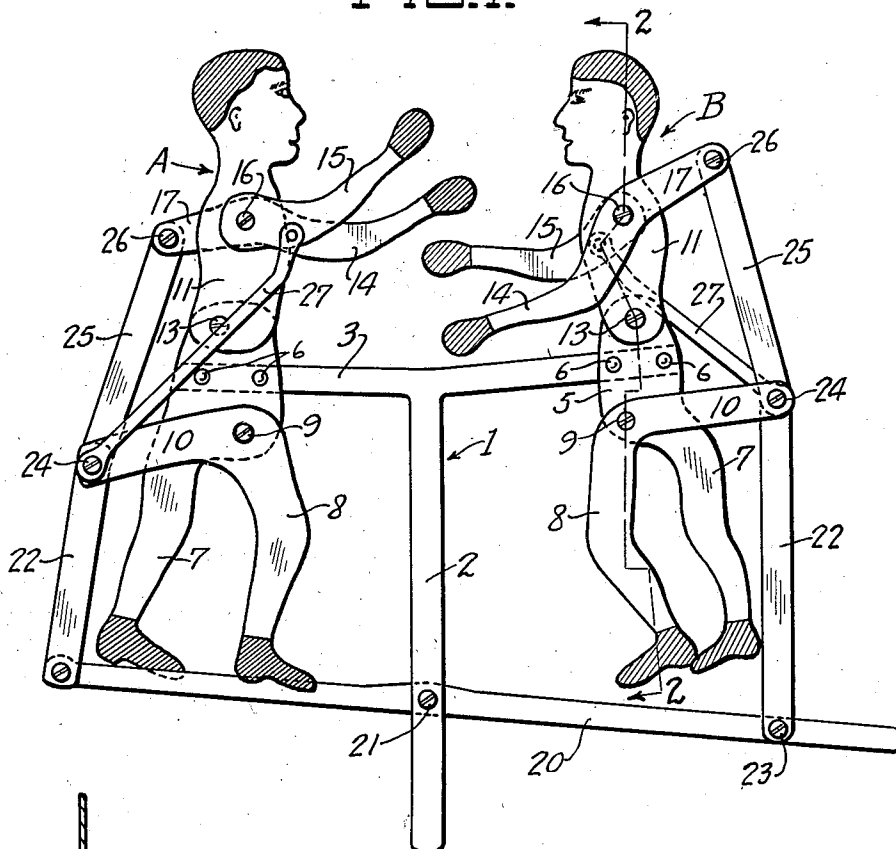
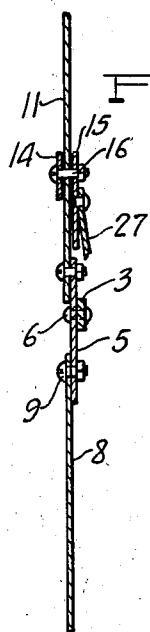


FIG. 2.



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UNITED STATES PATENT OFFICE

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TOY

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6 Claims. (Cl. 46-142)

This invention relates to toys, and particularly to those of the animated figure type, and has for its object the provision of an improved toy of this character preferably employing two figures, in the present instance representing opposing prizefighters or boxers, and being so jointed and connected to an operating means that various non-uniform movements may be imparted thereto by movements of the means.

The invention is fully described in the following specification, and one embodiment thereof illustrated in the accompanying drawing, in which—

Figure 1 is a side elevation of a toy embodying the invention, with the figures in upright position, and Fig. 2 is a section on the line 2-2 in Fig. 1.

Referring to the drawing, 1 designates a frame member which, in the present instance, is of T-form, with the upright 2 and cross-arm 3. The figures A and B, representing, in the present instance, the opposing figures of the toy, are carried in facing relation by the cross-arm 3 at opposite ends thereof.

Each of these figures comprises a hip section 5, in the present instance fixedly attached at 6 to the respective end of the cross-arm 3 and having one leg 7 of the figure preferably rigidly projecting downward therefrom. This leg is the rearwardly extended leg of the figure in its present embodiment. The other or forwardly extended leg 8 of the pair is pivotally suspended from the hip section 5, being pivoted thereto at 9, and has a rearwardly angled extension 10 at its upper end.

The body section 11 of each figure, with head 12 attached, is pivoted to the hip section at 13. Each body section has a pair of arms 14, 15, pivoted thereto at opposite sides by a common pivot 16. One arm of each pair, the left arm 14 in the present instance, has a rearward extension 17 from its one end projecting substantially lengthwise of the arm.

A control bar 20 of rocker form is disposed beneath the figures crosswise of the frame upright 2, being pivoted thereto intermediate its ends at 21. This bar at opposite sides of its pivot 21, and in substantially equidistantly spaced relation thereto, is connected to the rear end of each leg extension 10 by a link 22, which is pivoted to the rocker bar at 23 and to the leg extension at 24. A second link 25 connects pivot 24 of the leg extension 10 to the associated arm extension 17 by the pivot 26. The other arm 15 of the pair may be free of any connection with the control

bar 20 and permitted to swing at will relative to the body section 11 as such section is moved, or it may be connected to the pivot 24 by a third link 27. These control connections for the two figures are substantially the same, except that, in the present instance, the first link 22 is somewhat shorter than the corresponding link for the other figure so that when the control bar 20 is in substantially true right angular relation to the upright 2, the body sections of both figures may stand upright with the arms of one raised and those of the other disposed in a lower position, or the body sections of the two figures may assume different positions which changes the positions of the respective arms.

There is no fixed position for the body section and arms with respect to any given position of the control bar, this being due to the pivotal connection of the body and hip sections and the link connection or connections between the link 22 and arm or arms of a figure.

While the movements of the body sections and arms are uncontrolled so far as any predetermined movements thereof are concerned, the movements of such parts are actuated by movements of the control bar. It is the obtaining of these various non-uniform movements of the body and arm sections that makes the operating of the toy interesting and the results amusing.

To facilitate operation of the toy, the lower end of the frame upright 2 is preferably extended below the control bar 20 a distance to provide a handle portion to be held in one hand by the operator, while one end of the control bar 20 is extended beyond the adjacent link 22 to provide a handle portion to be grasped by the other hand of the operator.

It is apparent that the toy comprises a frame member adapted to be firmly held in substantially rigid position by the operator.

I wish it understood that my invention is not limited to any specific construction, arrangement or form of the parts, as it is capable of numerous modifications and changes without departing from the spirit of the claims.

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

1. In a toy of the class described, a frame, a jointed figure carried thereby, said figure having a hip section fixedly attached to the frame, at least one leg pivoted to the hip section and provided with a rearward extension at its upper end, a body section pivoted to the hip section, a pair of arms, one at least being pivoted to the

body section, a rockable control bar pivoted to said frame, and multiple link means connecting said bar and the pivoted leg and arm thereof to impart various movements to such leg and arm and to the body of the figure when the bar is operated.

2. In a toy of the class described, a frame, a pivotally jointed figure carried thereby, said figure having a hip section fixedly attached to the frame, separate leg and body section members pivoted to the hip section, a control bar movably connected to the frame, and multiple link means connecting said bar to said leg and arm members to impart various movements thereto when the bar is operated.

3. In a toy of the class described, a frame, a figure having a hip member fixedly carried by the frame, leg and body members pivoted to the hip member, and a pair of arms pivoted for relative movements to the body member, one arm and the pivoted leg each having a rearward extension at its inner end, a control bar pivoted to the lower portion of the frame, and a multiple link connection between said bar and each of said extensions and said other arm to impart various movements to the leg, arm and body members relative to the hip member when the bar is moved relative to the frame.

4. In a toy of the class described, a frame, a pair of figures carried in opposed relation by the frame, each having pivotally connected hip, leg, body and arm members, with the hip member fixed to the frame and with rearward extensions on one leg and one arm member, a control bar pivoted to the frame and disposed below the figures, a link for each figure pivoted to the bar at the respective side of its mounting pivot and pivoted to the leg extension, and a second link for each figure pivotally connecting the upper end

of the first link to the respective arm extension and pivoted to each.

5. In a toy of the class described, a frame, a pair of jointed figures carried by the frame in opposing relation, each figure having a hip member fixedly attached to the frame, a leg member and a body member each pivotally connected to the hip member and a pair of arm members pivotally connected to the body member for relative pivotal movements, the leg member and one arm member having rearward extensions at their inner ends, a control bar pivoted to the frame and projecting in opposite directions from its pivot beneath the figures, a connection between said bar and each figure, said connection comprising a link pivoted to and connecting the bar and said leg extension, and two additional links one connecting said first link and the associated arm extension and the other connecting the first link and said other arm.

6. In a toy of the class described, a frame having an upright forming a handle and a cross-arm, a figure carried by each end of the cross-arm in opposing relation, each figure having a hip member directly fixedly attached to the cross-arm, a pair of legs, one fixedly projecting and the other pivotally projecting from the hip member, said pivoted leg having a rearward extension at its inner end, a body member pivoted to the hip member and a pair of arms pivoted to the body member, one of said arms having a rearward extension at its inner end, a control bar pivoted to the upright of said frame below its cross-arm and having arms extending in both directions from its pivot, one arm serving as a control handle, a link pivotally connecting each arm of the control bar to the extension of said leg, and a second link pivotally connecting the first link and said arm extension.

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