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ANIMATED TOY FIGURE

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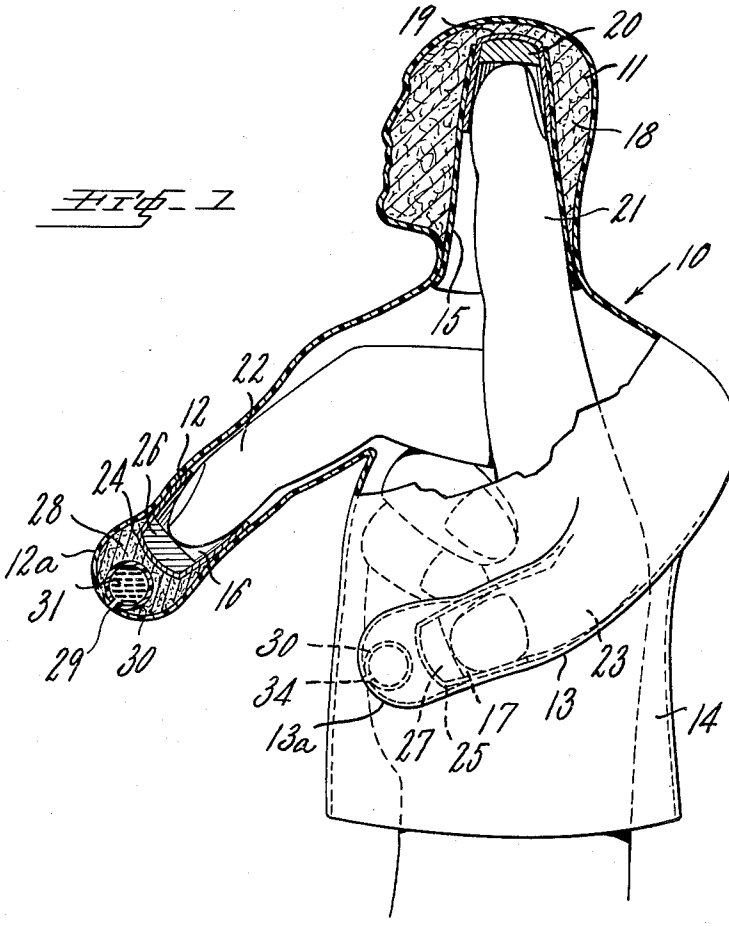


FIG. 1

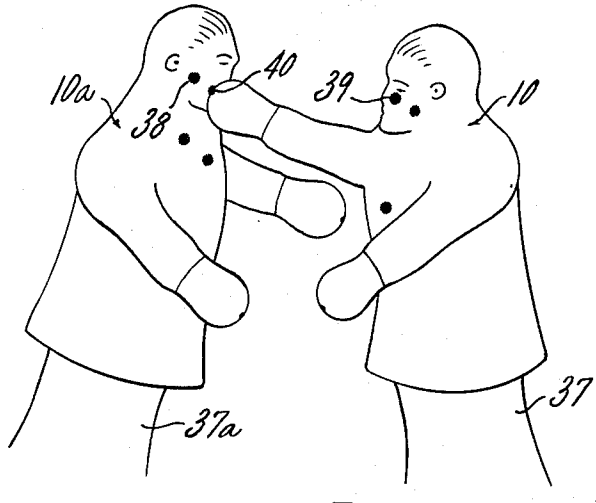


FIG. 2

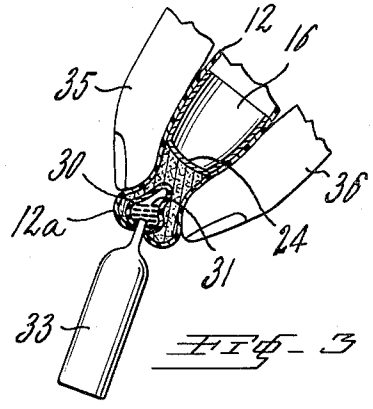


FIG. 3

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ANIMATED TOY FIGURE

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7 Claims. (Cl. 46—154)

The present invention relates to toy figures and more particularly to a mitten-shaped hollow toy figure made from yieldable material and adapted to fit over the hand of a person.

It is one of the objects of the present invention to provide means facilitating the manufacture of a relatively inexpensive hollow toy figure for the engagement with the hand or fingers of the hand of a person whereby the toy figure may assume or simulate the torso of a boxer, prize fighter, gladiator and the like, which toy figure is equipped with storage or reservoir means for effaceable coloring matter hidden from view.

It is another object of the present invention to provide means affording the adjustability of the toy figure to the length of the fingers of the hand of a person to thereby produce suitable movement and pressure from within the toy figure against said reservoir means thus bringing about exudation of said coloring matter.

Still another object of the present invention is to provide means affording retention of coloring and like matter within said reservoir when said toy figure is not in action.

Still another purpose of the present invention is to provide means conductive to an improved toy figure structure having portions simulating the arms or limbs of a boxer from which may be discharged, during movement of said arms or limbs against a surface, effaceable coloring matter to thereby indicate simulated hits or punches achieved by the boxer toy figure.

A further object of the present invention is to provide means facilitating the refill of the reservoir or storage means incorporated in the limbs of the toy figure in a very efficient and rapid manner.

Still a further object of the present invention is the provision of means affording a harmless boxing match between similar toy figures in which a technical knockout, based on given rules, may be accomplished without hurting or damaging the opposing toy figure, by counting and evaluating the colormarks of the opposing toy figures after each round.

Still a further object of the present invention is to provide means ensuring the use of animated toy figures of the aforesaid type for purposes of skill and entertainment.

The above and other objects and features will become apparent from the following detailed description, reference being had to the accompanying drawing, in which:

Fig. 1 is a perspective view of a toy figure in the form of a boxer, shown partly in section and embodying the invention;

Fig. 2 shows two toy figures (drawn to a reduced scale) similar to that seen in Fig. 1 and illustrated in action;

Fig. 3 is a fragmentary sectional view of the forward end of an arm of the toy figure showing the reservoir or storage bag in the process of being filled.

Referring now more particularly to the drawing, there is shown a toy figure **10** outlining a hollow boxer figure with recesses forming a head **11** and arms **12, 13** from which a mitten-shaped extension **14** projects. As can be seen from Fig. 1, head **11** has a finger stall **15** and similar

finger stalls **16** and **17** are provided in arms **12** and **13** respectively. Head **11** is stuffed with relatively soft yieldable material **18** such as, for instance, cork, sawdust, shredded fabric or the like, which maintains the form of head **11** but is still yieldable enough in order to give. The body **10** of the toy figure may be made from suitable plastic material which may be in part tinted, if desired, to indicate for instance head **11** and the punching forward parts or gloves **12*a***, **13*a*** of the arms **12** and **13** respectively, in contrast to the remaining portions of the toy figure as shown. For instance, the head **11** and the parts **12*a***, **13*a*** may be tinted in the color black. Within head **11** there is inserted a thimble-like device forming finger stall **15**, with a forward end portion **19** in which is positioned an interchangeable piece **20** made from rubber or like material and having a predetermined height or thickness in order to be able to readily adjust the toy figure to the length of the index finger **21**, for instance, of an adult or child.

The toy may also be manufactured in such a way that the stuffing of the head and gloves can be eliminated, the production being simplified by filling the head and gloves with suitable elastic material which may be initially in liquid form (plastic, foam rubber, etc.), whereby hollow space may be left in the head for stall **15** and in the glove body for a color bladder and for the respective stalls for the engagement of the thumb and middle finger, respectively, later referred to.

End portion **19** and stall **15** may be made from one piece, if desired, and preferably from rubber or rubberized material as shown. Fig. 1 illustrates such one-piece stalls **16** and **17** for the middle finger **22** and thumb **23**, having closed end wall portions **24** and **25**, respectively, in which are removably inserted rubber pads or pieces **26** and **27** to adapt the toy figure readily to the length of the fingers of the hand of the operator.

Fig. 3 shows, for instance, on an enlarged scale arm **12** with inserted finger stall **16** having closed end wall portion **24** while pad **26** has been completely removed from stall **16**.

The punching portion **12*a*** is stuffed with relatively yieldable material **28**, such as sawdust, in which latter is embedded a bag-shaped rubber reservoir **30** having a capillary opening **29**. This rubber bag **30** may be filled with a coloring or like inking matter of the effaceable type. As can be seen from Fig. 3, the deflated or emptied bag **30** may be readily filled with the material **31** by inserting through the opening **29** the pointed end of an ampule **33** from which the marking or coloring matter **31** is discharged into the bag **30**. It will further be noted that the discharge end of bag **30** is fixed, glued or otherwise attached to the wall of the punching part **12*a*** at **34**. As further more clearly illustrated in Fig. 3, if the part **12*a*** is pinched together by means of fingers **35, 36**, the coloring matter **31** may be forced out of the ampule **33** into the bag **30** as shown. Instead of the ampule, an eye dropper device or the like may be employed.

The use and operation of the device will now be clearly understood.

Through the lower opening of the mitten extension **14** is inserted the hand of the operator while the index finger **21**, the middle finger **22** and thumb **23** engage the respective finger stalls. The tips of the fingers abut against the respective pads **26** and **27** and thus are capable of pressing by means of the latter against the coloring or marking matter-containing bags **30**, respectively, seated in said forward portions or supporting ends **12*a*** and **13*a*** which are in the form of boxing gloves.

As more clearly seen in Fig. 2, if two of such toy figures are placed on arms **37, 37*a*** of two persons, the same are enabled to swing and move the glove portions or ends **12*a*, 13*a*** of toy figure **10** against the opposite toy

figure 10*a*. Due to pressure exerted against the respective toy figures, colored spots, such as 38, 39, 40, may be created when hitting the opposing toy figure in a well known boxing-like manner.

Since the coloring or inking material may be made of the effaceable type, it is well understood that these ink or color spots may be readily removed or washed off from the rubber or plastic material covering the respective toy figures.

Thus, a harmless boxing match and entertainment between youngsters and adults may be had with the effect that the boxing gloves containing concealed reservoirs of red or otherwise colored ink, paste, or the like, will transfer through the capillary openings (upon pressure exerted from within the reservoirs or bladders 30) visible markings or spots on the opponent's face or body upon contact or hitting same.

It is well understood that such markings may be washed off after each boxing round. It is to be noted that the capillary opening 29 of the bladder or reservoir may also be equipped with suitable valve means or the like in order to change the quantity of the discharge of paste or powder material commensurate with the diminishing content remaining in the respective reservoir.

Although the finger stalls forming thimbles 19, 16 and 17 are attached to the inner face of the wall portions defining the arms and head of the toy figure, these thimbles may also be arranged to guidingly slide within the interior of the arms and head if required.

If desired, two toy figures may also be used by both hands of a single person.

Although specific embodiments of the invention have been described and shown in the drawing, it should be noted that the invention may be realized in modified form and adaptations of the arrangements herein disclosed may be made, as may readily occur to persons skilled in the art, without constituting a departure from the spirit and scope of the invention as defined in the objects and in the appended claims.

Having thus described the invention, what is claimed as new and desired to be secured by Letters Patent, is:

1. The combination, in a hollow toy figure having recesses for the insertion of the thumb, middle finger and index finger of a hand of an operator, of movable supporting ends forming parts of said toy figure and into which ends said fingers extend, with reservoir means for retaining marking substance located within said supporting ends and displaceable by said fingers, and capillary means establishing communication between said reservoir means and the outer surface of said ends, respectively, whereby upon displacement of said reservoir means by said fingers marking substance may be pressed through said capillary means from within said reservoir means therewithout.

2. The combination according to claim 1, including respective finger stalls within said ends, and yieldable means located between said reservoir means and the respective finger stalls.

3. The combination according to claim 2, including respective interchangeable pad means in said finger stalls to thereby change the effective length of the latter commensurate with the length of the respective fingers of an operator.

4. A hollow toy figure having a pair of arms and a head for the insertion of the thumb and middle finger into the arms and the insertion of the index finger of a hand of an operator into said head; comprising supporting ends forming parts of said arms, reservoir means for containing marking substance and retained within said supporting ends, and capillary means forming part of said reservoir means and extending therefrom to the outer surface of said supporting ends, respectively, to thereby establish communication between said reservoir means and said ends, respectively therewithout.

5. A toy figure according to claim 4, including respective thimbles forming finger stalls seated within said arms adjacent said ends and for the engagement with said middle finger and said thumb, and pad means within said respective finger stalls to adapt same to the respective finger lengths.

6. A toy figure according to claim 4, wherein said supporting arm ends are stuffed with a yieldable filling material, said reservoir means embedded in said filling material.

7. A hollow toy figure having a pair of arms and a head for the insertion of the thumb and middle finger into the arms and the insertion of the index finger of a hand of an operator into said head; comprising substantially rounded hollow ends forming respective parts of said arms, reservoir means for containing marking substance retained within said hollow ends, capillary discharge means for said substance extending from said reservoir means to the outer surface of said ends, respectively, to thereby establish communication between said reservoir means and said outer surface of said ends, and respective thimbles forming finger stalls seated within said arms of said toy figure for the engagement with said middle finger and said thumb, to thereby exert pressure by said middle finger and said thumb from within said arms against said reservoir means in said ends for causing said substance to pass through said discharge means toward said surfaces.

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