F. WADDINGTON.

CUT TOY FIGURE.

APPLICATION FILED APR. 8, 1912.

1,066,769. Patented July 8, 1913.

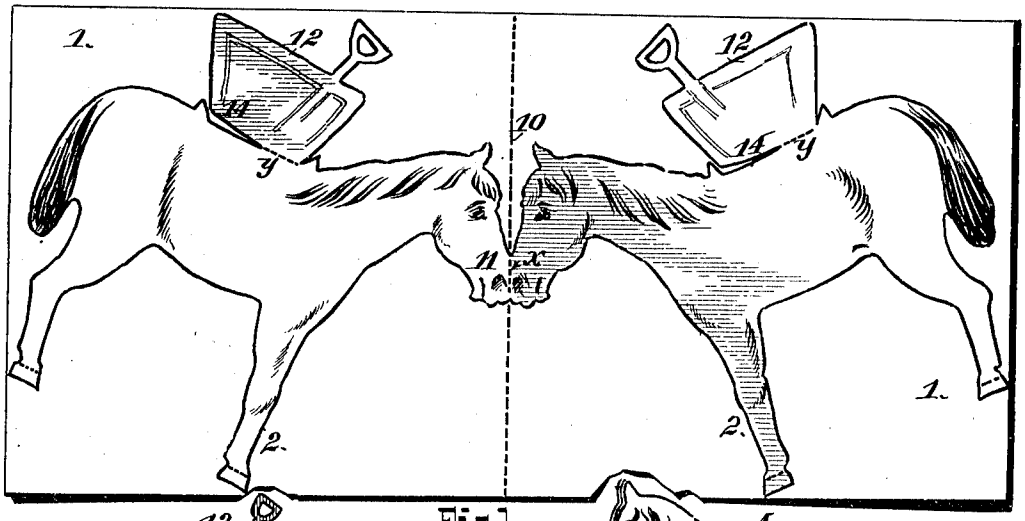


Fig. 1.

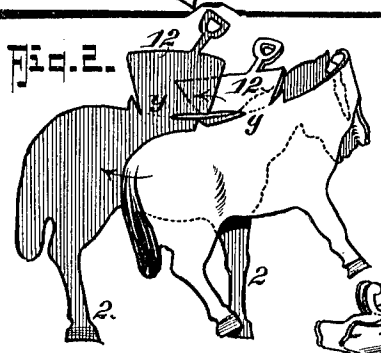


Fig. 2.

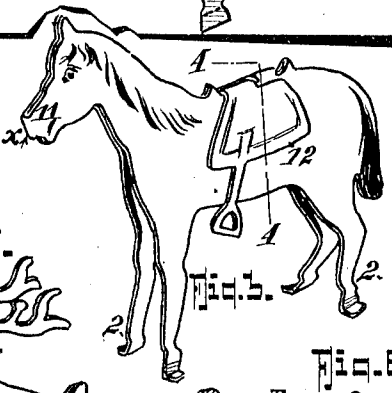


Fig. 3.

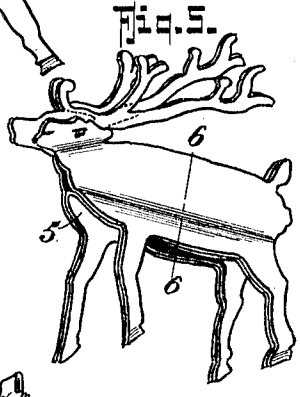


Fig. 4.

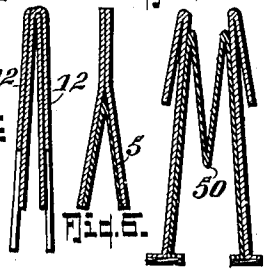


Fig. 5.

Fig. 6.

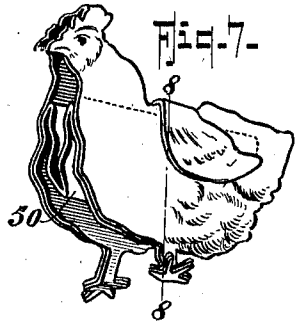


Fig. 7.

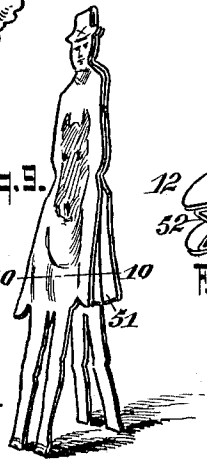


Fig. 8.

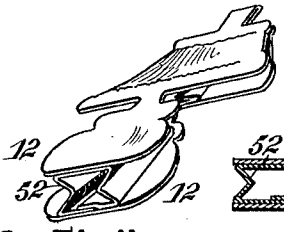


Fig. 9.

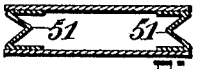


Fig. 10.

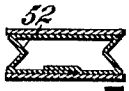


Fig. 11.

Fig. 12.

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CUT TOY FIGURE.

1,066,769. Specification of Letters Patent. Patented July 8, 1913.

Application filed April 8, 1912. Serial No. 689,139.

To all whom it may concern:

Be it known that I, FLORENCE WADDINGTON, of the city of Baltimore and State of Maryland, have invented a new and Improved Cut Toy Figure, of which the following is a specification.

This invention relates to figures or ornaments cut from stiff paper or other like material, and it more particularly has reference to that type of toy figures explained and shown in my copending application #679,942, filed February 26, 1912. In my copending application the invention is more particularly confined to a cut toy figure in which the parts are especially designed for conveniently and positively supporting the figures in an upright position.

My present invention, while in its complete nature includes a foot portion for sustaining the figure in the upright position, is more especially directed to the body construction of the figure or ornamentation and which is designed in blank forms and of such simple arrangement whereby the said forms can be readily cut out by children and bent to the completed shape by them, so as to produce, as it were, home-made dolls, animals or ornamentations.

In my present invention, the cut toy figure is formed by doubling up a sheet upon itself to provide two layers and on one or both sides, (and in opposite register when on both sides) is delineated printed, painted or otherwise described, the picture of the animal, person, or other object so that in cutting out the figure, the opposite sides of the folded member represent the opposite side of the bird, animal or the person.

My present invention embodies the peculiar construction and novel arrangement of the toy figure, and method of forming the same, all of which will be hereinafter fully explained, specifically pointed out in the claims and illustrated in the drawing, in which:

Figure 1, illustrates a blank form from which a toy figure embodying my invention is formed. Fig. 2, is a perspective view that illustrates the manner in which the two opposing members of the blank or form are interlocked during the formation of the completed figure. Fig. 3, is a detail view of a cut toy figure constructed in accordance with my present invention. Fig. 4, is a vertical cross section of the toy figure, see line 4—4 on Fig. 3. Fig. 5, is a perspective view of a slightly modified form of my present invention, the same being shown with a reinforce. Fig. 6, is a vertical section of the same on the line 6—6 on Fig. 5. Fig. 7, is a detail view of a further modification of my present invention. Fig. 8, is a vertical section thereof on the line 8—8 on Fig. 7. Fig. 9, is a detail view of a further modification of my present invention. Fig. 10, is a cross section on the line 10—10 on Fig. 9. Fig. 11, is a view of a still further modification. Fig. 12, is a cross section on the line 12—12 on Fig. 11.

In the following description, I repeatedly refer to the use of stiff paper, cardboard and the like, from which the figures are cut and shaped to represent dolls, animals, etc. I desire it understood that any material capable of being cut, or stamped to a primary shape and afterward bendable to the forms desired, may be used and the representations may be horses, scenery or other ornamentations.

As in my other invention disclosed in my copending application, I prefer, in reducing my invention to a commercial basis, to place it on the market in the nature of stiff sheets of paper cardboard or the like, for example, in the form shown in Fig. 1, which shows two "horse" representations of uniform shape and size, which, in practice, are printed on a sheet 1, having a central scoring or folding line 10, on which the sheet is doubled so that the two "horse" representations fold on each other and register.

In the simplest form of my invention, the toy figure is so designed and its outlines are such that certain portions thereof designate parts that are not to be cut whereby at some point the foldable sheet is not entirely scored in two parts, so as to provide a link that joins the two sections, the two sides, when designed as a horse, Fig. 1.

In Fig. 1, the link or part that is to re-

main uncut is at the nose and such link is designated by 11, it being obvious that when the animal figure is cut out on the lines thereof and the two parts are folded back upon each other, presents the horse figure shown in Fig. 2.

In Fig. 1, the link or part of the sheet that is to remain uncut is at the "nose" of the figure, as indicated by 11 and is on the folding line x, it being obvious that when the said animal figure is cut out and is bent at the link 11, the two sides, when designed as in Fig. 1, form the figure of the horse shown in Fig. 3, and to provide for a solid standing of the figure in the upright position, the lower or hoof ends of the legs may be bent laterally to form the feet 2.

In the simplest form of my invention the opposing members of the figure include parts so located with respect to each other, that in folding the two opposing parts upon each other, the said opposing members may be readily interlocked with each other so as to provide such rigidity to the figure that it may be set upright even without the shoe ends, shown in Fig. 3.

The interlocking portions in the "horse" figure, shown in Fig. 1, represent saddle members 12, and these are foldable at their point of connection designated y, with the back edge of the horse, and at the folding line, one of the members 12 has an elongated V-shaped cut or notch 14 that tapers from the back to the forward end of the figure, while the member 12 on the other figure portion, has a like notch 14 that extends from the front toward the rear of the said other figure, the said notches being relatively so arranged that in folding the two figure portions back upon each other, as in Fig. 2, the notches of the two saddle members can be easily interlocked before they are bent down over their respective figure portions to produce the complete toy figure, shown in Fig. 3.

By providing the figure sections each with an interlocking or supplemental foldable member, the figure when folded into shape has sufficient rigidity to stand in the upright position. The said supplemental foldable and interlocking portions may be provided on the main figure portions at such points as the character of the figure or ornamentation may make desirable, for example, when the figure is to represent a moose, as in Fig. 5, the horns are arranged to interlock or when the figure is a fowl, as in Fig. 7, the said supplemental and interlockable portions may be in the nature of wings.

In Figs. 5 to 7, 9 and 12, I have shown modifications of my invention, and in these additional provision is made for fixedly holding the figures to their foldable shape. In each of the modified forms the same method of cutting and folding is utilized to bring the figures to their respective shapes as in the other forms described, and in each a link connection on which the two members of the figure are folded is maintained. In the said modified forms a stay or brace of a flexible member, bent to fold midway upon itself is provided. For the figure shown in Fig. 5, the brace is a single piece of stiff cardboard, paper or other midway foldable material 5, the opposite sides of which are glued on the inner face of the opposing side members of the figure, see Fig. 6.

Instead of a single fold brace 5, the same may be of a plurality of accordion-like folds, as indicated at 50 on Figs. 7 and 8.

When the figure is as shown in Fig. 9, which represents a figure having skirts mounted upon a horse, the brace is preferably on two parts 51—51, as indicated by Fig. 10, and connected to the skirt portions of the figure. Again, instead of making the brace of two parts, as in Fig. 10, the same may be one member arranged as shown at 52 in Figs. 11 and 12. The zigzag folded bracing element is also preferably cut to conform to the outline of the figure and, when it is gummed between the opposing portions of the body to hold the figure in shape to stand upright, such bracing element also serves as a stiffener therefor.

What I claim is:

1. As a new article, a cut toy figure comprising a body of foldable material and composed of two portions of like contour, and joined at such a point whereby when the two parts are folded back upon each other they register to form the opposing sides of the figure, and a zigzag folded bracing element also cut to conform to the outline of the figure, and gummed between the opposing portions of the body to hold the bent up figure in shape to stand upright and serve as a stiffener for the supporting portion of the figure.

2. A cut toy figure formed of two like parts and linked together at such a point that when the two parts are folded upon themselves they will register to form the opposing sides of the figure, said figure including a body portion and supporting leg portions, and a saddle member projected from the top of the body portion of each part, said saddle members being slit from one edge whereby when the two parts are folded upon themselves the unslit portion of one saddle member will lie in the slit of the other saddle member, said saddle members being bendable over to lie flat against the body portions, substantially as shown and described.

3. A cut toy figure comprising a body consisting of two like main parts foldable upon each other and linked at the folding point,

each of the two parts including a supplemental foldable member, the said supplemental foldable members being slit from one edge whereby when the two main parts are folded upon themselves the unslit portion of one part will lie in the slit of the other part and a brace composed of foldable material and midway foldable upon itself, and having the opposite portions thereof secured to the opposing main parts of the figure.

FLORENCE WADDINGTON.

Witnesses:
CHAS. E. NORDST,
WILLIAM S. PLACE.

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