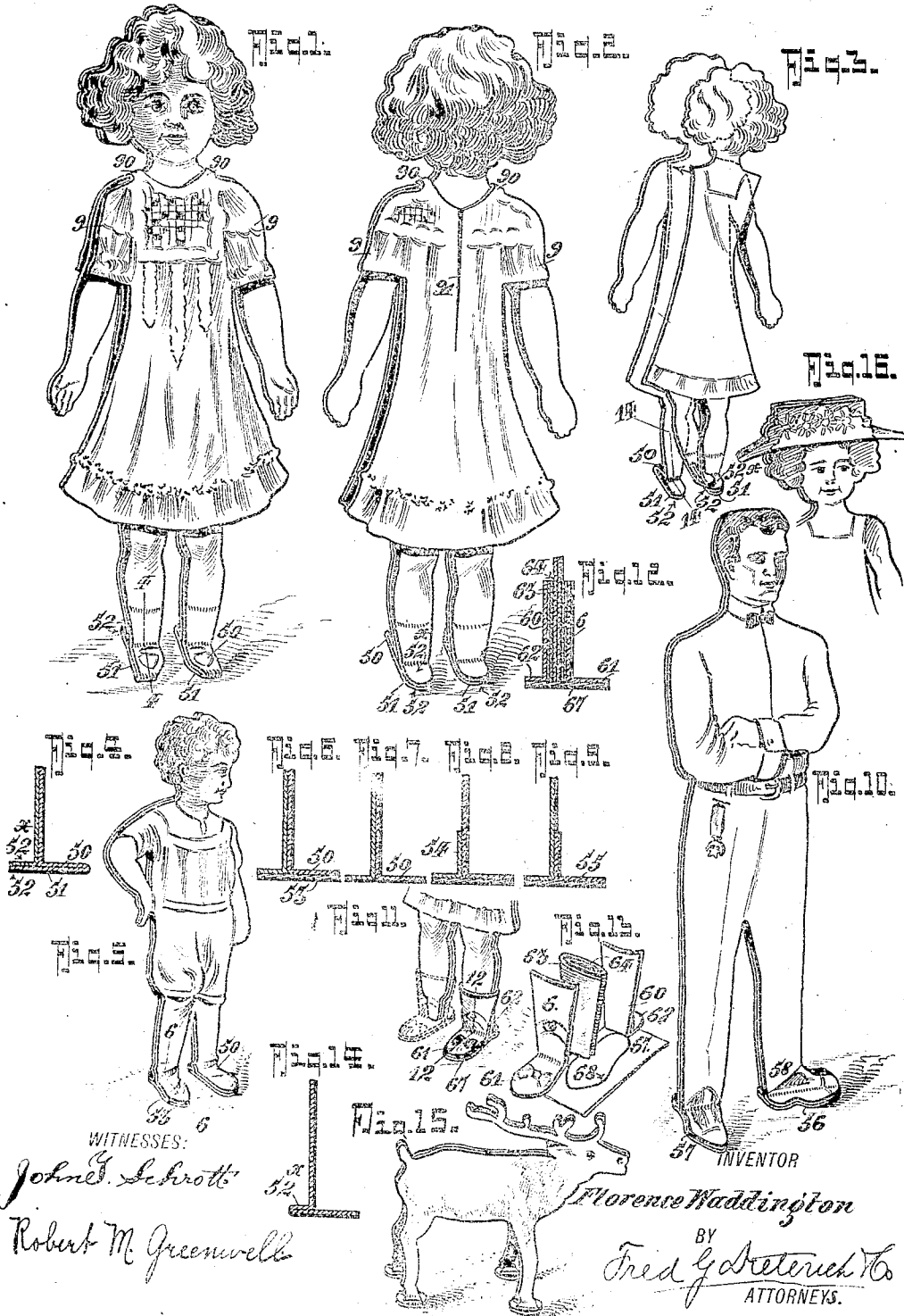


F. WADDINGTON.
CUT TOY FIGURE.
APPLICATION FILED FEB. 26, 1912.

1,041,917.

Patented Oct. 22, 1912.

2 SHEETS—SHEET 1.

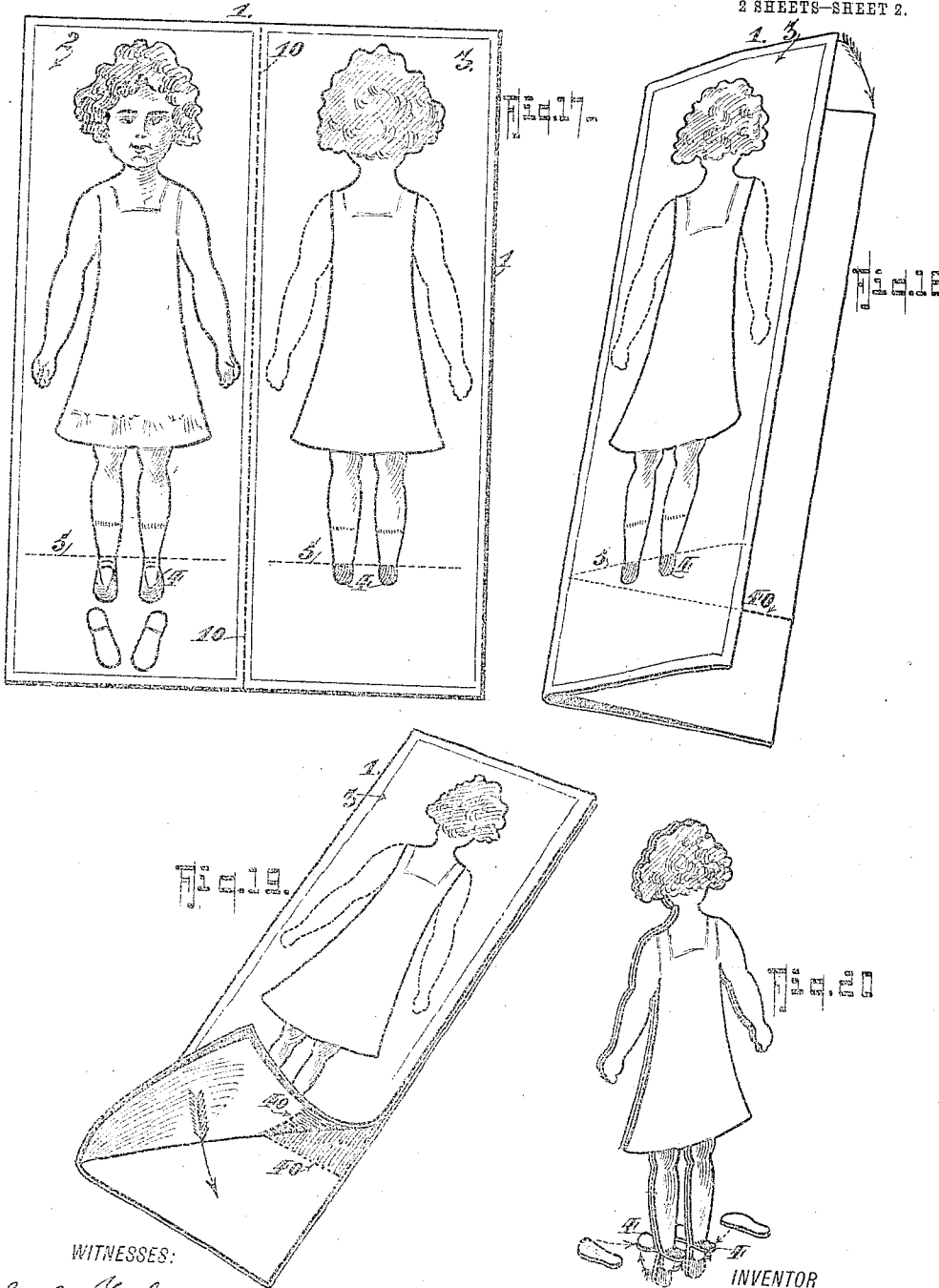


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2 SHEETS—SHEET 2.



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CUT TOY FIGURE.

1,011,017.

Specification of Letters Patent.

Patented Oct. 22, 1912.

Application filed February 26, 1912. Serial No. 679,942.

To all whom it may concern:

Be it known that I, FLORENCE WADDINGTON, a citizen of the United States, residing in 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 cut from stiff paper or other like material that represent toy dolls, animals, or other objects, and my said invention has for its object to provide a cut figure of the general character stated and the method of creating the same in which the figure of the doll, animal or other object is printed or otherwise delineated on the stiff paper or like substance, either plain or in colors and then cut on the outline, so as to produce the desired figure blank.

My invention has for its object to provide a cut figure of the general character stated so designed in the blank form that it can be readily bent up to the completed shape by children or others, whereby to produce, as it were, home-made dolls, and in the formation of which special provision is made in the shaping of the blank form whereby foot portions are produced for sustaining the figures in their upright positions without other or supplemental props.

Another and important object of my invention is to provide a toy cut figure formed of a flat sheet of stiff paper or other like material in which the body shape is such that detachable pedal like supporting portions in the doll forms have the appearance of the shoe and stocking and can be readily applied to the limb-like portions of the figure and whereby paper dresses and hat portions may also be easily and removably combined with the cut figure, the whole being intended for producing a pleasing effect, an interesting and an inexpensive instructive toy for children.

With other objects in view, that will hereinafter appear, my invention consists in the peculiar construction and novel arrangement of the parts hereinafter fully described, specifically pointed out in the appended claims and illustrated in the accompanying drawings, in which—

Figures 1 and 2, represent respectively a front and back view of a preferred form of my invention, the same representing a doll. Fig. 3, is a diagrammatic perspective view of the cut toy, showing the two parts sep-

arated, the back portion being without the arm extensions, and also illustrates the simplest form of the foot and heel members. Fig. 4, is a detail section of the foot portion taken on the line 4—4 on Fig. 1. Fig. 5, is a child's figure and illustrates another form of the foot or supporting portions. Fig. 6, is a detail section thereof taken on the line 6—6 on Fig. 5. Figs. 7, 8 and 9, are further modifications of the foot portions hereinafter specifically referred to. Fig. 10, represents the figure of a man, with a further modification of the foot portion. Fig. 11, is a detail perspective view of the limbs of a doll figure with detachable or boot-like supports. Fig. 12, is a section thereof on the line 12—12 on Fig. 11. Fig. 13, is a perspective view that illustrates the several portions that form the said boot support. Fig. 14, is a section on the line 14—14 on Fig. 3. Fig. 15, shows my invention in the representation of an animal. Fig. 16, is a view that shows the figure head with a removable hat. Fig. 17, is a view of a preferred design of the blank from which my cut figure is produced. Fig. 18, shows the first step in the making of my cut out figure. Fig. 19, illustrates the third step in handling the said blank form to make my cut out figure, the dotted line 40, indicating the limit of the opposing pasted cut faces of the folded over parts. Fig. 20, shows the fourth step in producing my improved cut out figure.

In the following description, I refer particularly to the use of stiff paper, cardboard and the like, from which the cut out figure is produced, and I also refer to the figures as dolls and toy figures, but I desire it understood the figures might be in the nature of advertising elements, or other educational devices.

In the commercial presentation of my invention the same is marketed in the nature of sheets of stiff paper, cardboard or the like, for example, in the form shown on Fig. 17. On the sheet 1 is printed the front and back representation of the figure, doll, animal or other object, and these are so positioned that when the sheet 1 is folded upon itself on the central line 10, the front and back portions 2 and 3 register.

In printing the figure, either a doll or other object, the representation in every instance includes the pedal portions 4—4, which for both the back and front repre-

sentations begin at a common predetermined point, indicated by the line 5 and relatively the said pedal portions are of different length, that for the front representation being much longer than that for the back representation, the front forming, what is hereinafter termed the foot portion and the other the heel portion.

In Fig. 3, of the drawings, I have shown a slightly modified form of the foot portion, the same being also illustrated in detail by Fig. 4. In this form, the front section of the doll or other figure, has the pedal portion of such length that it can be first bent out to form the foot proper 50 and then back to form a sole piece 51, the latter being extended beyond the back of the figure to form a heel portion 52. This feature of my invention is an essential one, since the shape of the pedal extremities for all of the represented objects are such that they positively sustain the said objects in their upright position without the use of extraneous supporting means.

Various modifications of the foot portions may be made without departing from the generic form shown in Figs. 3 and 4. For example,—the form stated may be reinforced by having the back member of the figure made with a supplemental heel 52^a bent back and glued to the heel extension, shown in Fig. 14, and as clearly shown in Fig. 4, or the parts formed as in Fig. 6, in which the front has the foot portion only, the rear the heel portion, and the two are reinforced by a sole strip 53 pasted over the bottom of the heel and foot member.

In Fig. 7, the same arrangement shown in Fig. 6 appears, excepting the use of the extra sole piece.

Fig. 8, the extra sole piece is used, the figure in this form being a single member and the heel portion being a supplemental angle piece 54.

In Fig. 9 the same general form is maintained except that the foot portion is formed by a supplemental or separate piece 55.

In Fig. 10, a somewhat modified form of the foot portions appear, since in this figure is represented a man with limbs extended and one foot projected at an angle to the other foot, and in the said showing, the left foot has a short lateral side 56 and a long lateral extension 57, that form the equivalents of the heel and toe portions of the other foot member 58.

The boot member shown in Fig. 11 may be made in any suitable way, so long as the heel and toe forms are maintained. In Fig. 13 I have shown one way of making the same and in that form the same consists of a front portion 59 a back portion 60, the front having the foot extension 61, the back, the heel extension 62, and these are pasted on a filler 63 bent upon itself to form the hollow

pocket 64 after which a sole blank 67 is pasted on the bottom of the heel and toe portions and trimmed off on the indicated sole line 68.

One of the advantages in forming the body of the doll or other object is that it permits of readily slipping over the head of the body, fancy dresses 9, see Figs. 1 and 2, and these are also formed of two parts, bent upon themselves and joined by short neck yokes 90, the back member being slitted as at 91, to facilitate the ready removal or putting on of the said dresses.

When fancy dresses are to be used the body of the doll, outside of the face may be a plain presentation, not colored or finished, for example, like that shown in Fig. 3, and when dresses are not to be used the front, and in some cases, the back also, are finished off by printing or coloring to give the desired dress effect, as is shown by Figs. 5 and 10, and to further complete the figure when that of a doll it may be topped off by a pocket portion having a hat shape, as shown in Fig. 16.

Referring again to Figs. 17–20 it will be noticed that on one of the side folders of the sheet, is represented a sole piece and this appears on the lower or ungummed part of the said sheet so it can be easily cut out.

After the sheet 1 is folded over and pasted the figure is cut out following the outline, and after it is thus cut out the extension of the detached front member is bent forwardly to form the foot and the free extension on the back member is bent back to form the heel portion, after which the sole piece is cut out and gummed to adhere to the bottom of the foot and heel portions mentioned.

Trees or other inanimate objects may be presented as well as living objects and where necessary to complete the figure and provide a proper support, more than one set of foot and toe portions are provided, as for example,—in the animal form shown in Fig. 15 of the drawing.

While I have shown and explained numerous modifications, it is apparent that various other modifications, so far as the body presentation of the object is concerned, may be readily made without departing from my invention and be within the scope of the appended claims.

What I claim is:

1. A figure cut from stiff paper or the like comprising the object represented formed with pendent portions, the lower ends of which have flat forwardly and rearwardly bent foot-shaped members that form the "feet" of the object.

2. A toy figure having pendent portions, the lower ends of which are bent outwardly to form flat foot-like members and then bent backwardly to form heel extensions for the foot-like members.

3. A cut out figure including a pendent member, said member being bent backwardly and forwardly to form a foot-like support for the figure.

5 4. In a cut out figure, a supporting member comprising a pair of upright members, one of said members being bent at right angles to form a "heel" and the other of said members being bent at right angles to form a "toe", said "heel" and "toe" forming a foot-like support for the figure.

10 5. In a cut out figure, a supporting member comprising a pair of upright members, one of said members being bent at right angles to form a "heel" and the other of said members being bent at right angles to form a "toe", said "heel" and "toe" forming a foot-like support for the figure, and a horizontal sole secured to the underside of said "heel" and "toe".

15 6. As a new article; cut toy figures of stiff paper or the like having limb portions, the lower ends of which are bent outwardly to form foot members, then back under the foot members to form sole portions for the said foot members, the said sole portions extending back beyond the foot member to form a heel therefor.

25 7. A figure-form of paper or analogous

stiff material having a supporting portion bent at right angles and a base member secured to the underside of said supporting portion and overlapping and extending beyond the bend thereof. 30

8. A figure-form of paper or analogous material having a portion bent at right angles and another portion also bent at right angles but in an opposite direction to form a base, and a horizontal sole secured to the underside of said base. 35

9. A figure-form of paper or analogous stiff material shaped to form a head, body and legs and also having arms which are only connected with the body at the shoulder, in combination with a dress in front and back members which connect and fold together at the neck and have a neck opening smaller than the head of the figure-form, one of said members having a longitudinal slit communicating with said neck-opening through which the head is inserted, and said dress having openings at the ends of the sleeves, through which the arms of the figure-form are passed. 40 45 50

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