United States Patent [19]

Kaelin

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[54] **REVERSIBLE DOLL**

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[73] Assignee: **Marvin Glass & Associates,** Chicago, Ill.

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[52] **U.S. Cl.** **46/153,** 46/158

[51] **Int. Cl.** **A63h 3/12**

[58] **Field of Search** 46/153, 154, 158, 135

[56] **References Cited**

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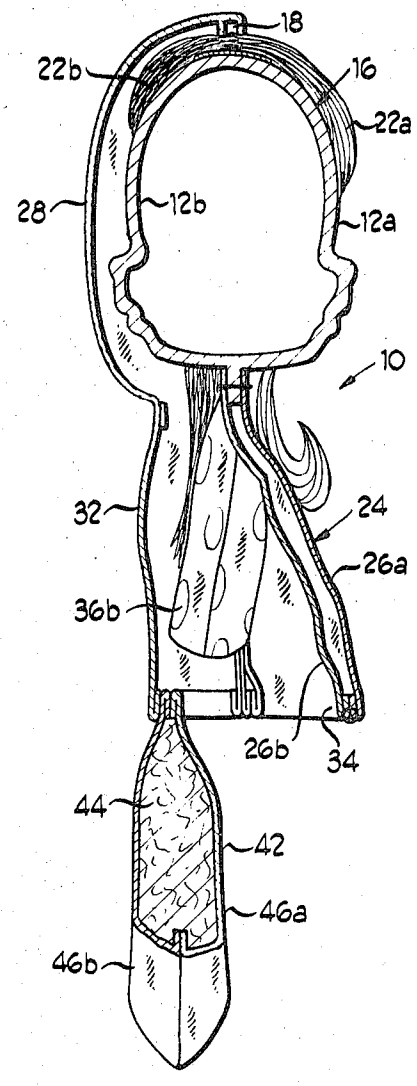
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Assistant Examiner—J. Q. Lever
Attorney, Agent, or Firm—Coffee & Sweeney

[57] **ABSTRACT**

A reversible doll including a head having two back-to-back faces with different features formed thereon. The head has a protruding annular flange dividing it generally along a vertical plane when the head is upright, thereby separating the two faces. A garment including a hood portion and a torso portion are provided to cover the doll. The hood is secured about the flange so that one of the faces is in the interior of the doll while the other face is exposed through an opening in the hood. The doll can be transformed by turning the clothes inside out with respect to the flange so that the previously exposed face will then be covered by the hood portion and vice versa.

9 Claims, 11 Drawing Figures



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SHEET 1 OF 3

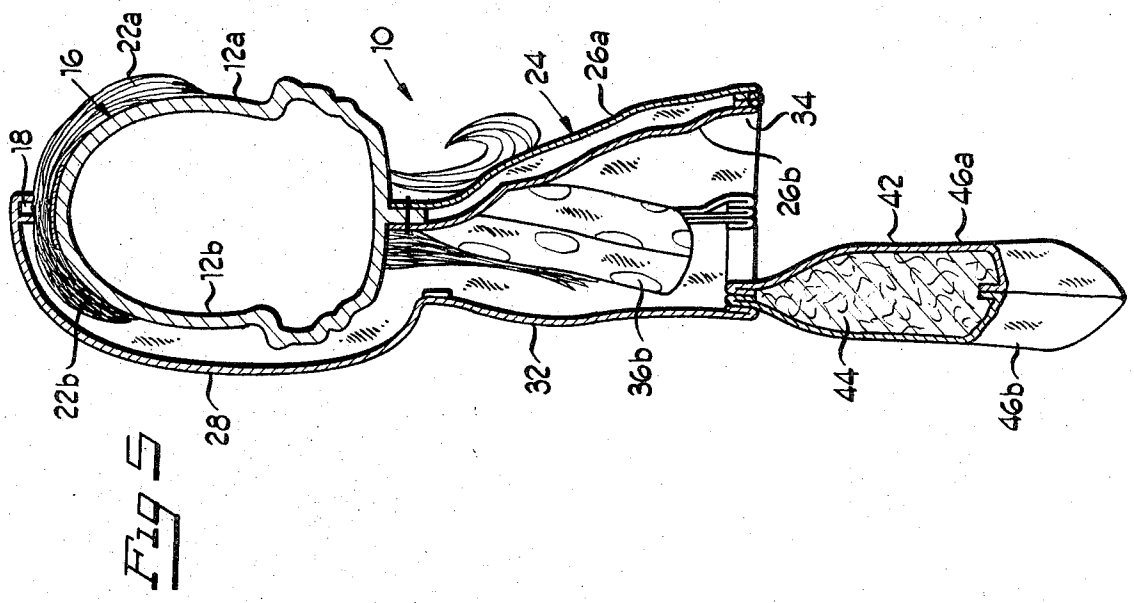

10
12a
12b
16
18
22a
22b
24
26a
26b
28
32
34
36b
42
44
46a
46b

Fig 5

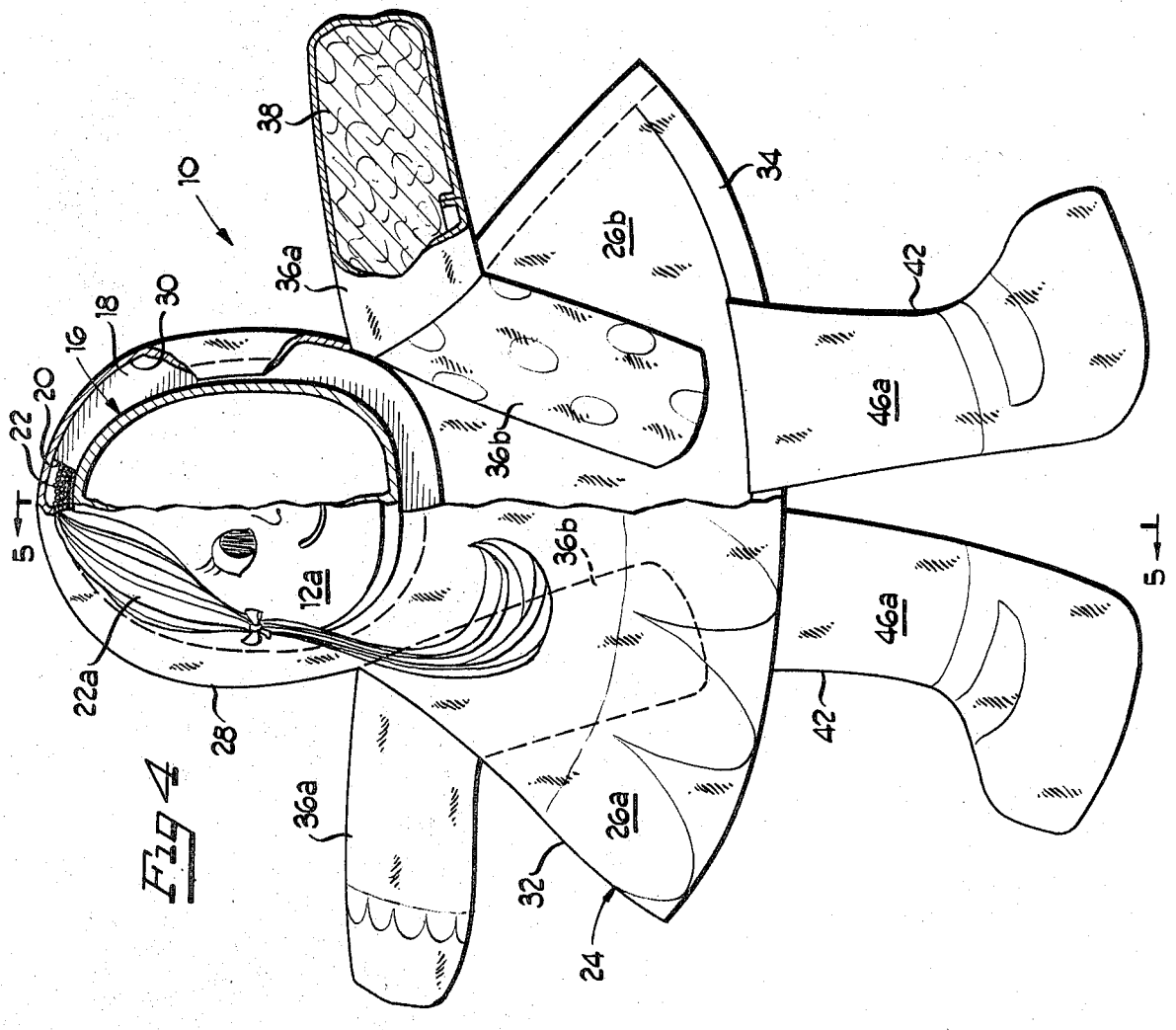

10
12a
16
18
20
22
22a
26a
26b
28
30
32
34
36a
36b
38
42
46a
5
5

Fig 4

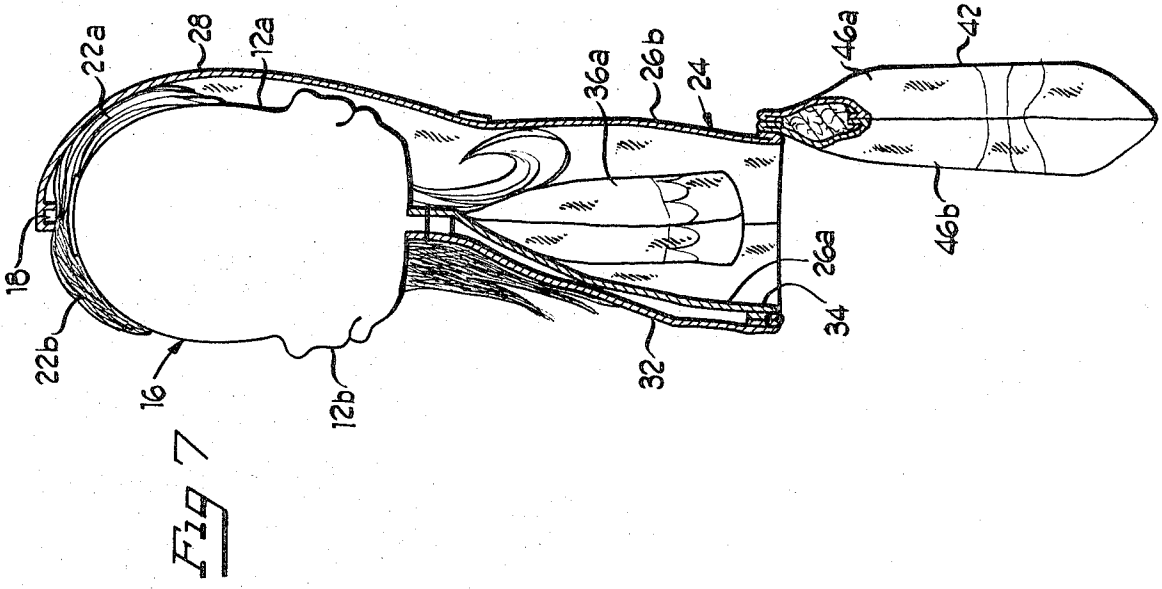

22a
28
12a
36a
26b
24
46a
42
18
22b
16
12b
32
26a
34
46b

Fig 7

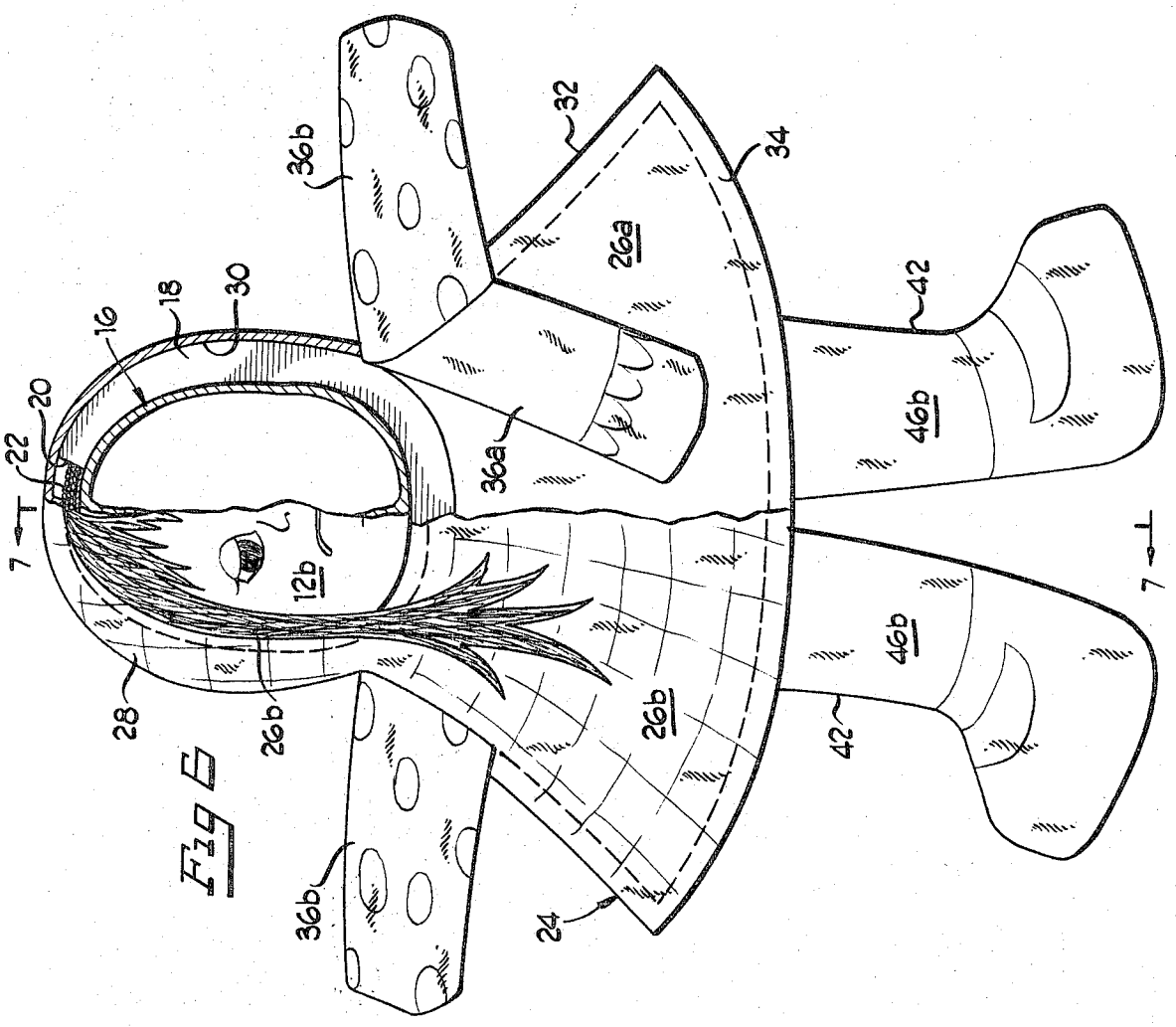

36b
32
34
26a
30
18
16
20
22
7
12b
36a
42
46b
28
26b
26b
42
46b
36b
24
7

Fig 6

REVERSIBLE DOLL

BACKGROUND OF THE INVENTION

1. Field of Invention

The present invention relates to dolls and more particularly to reversible dolls.

2. Brief Description of the Prior Art

Reversible dolls have enjoyed a great deal of popularity due in great part to the fact that a child is able to transform a doll from one form or style to another. The two most common types of reversible dolls employ either a double headed upside-down construction or a back-to-back face construction. The former construction generally includes an exterior head exposed to view and an inverted head enclosed by a dress or cloak extending down to the bottom of the doll. When the doll is turned upside-down the other head then becomes visible. The back-to-back face construction employs just one head having two back-to-back faces formed thereon.

SUMMARY OF THE INVENTION

A principal object of the present invention is to provide a novel back-to-back faced reversible doll which is easy to manufacture and simple to use.

This and other objects of the invention are accomplished by one embodiment of the invention currently contemplated by providing a generally annular flange on the doll's head separating the head into two faces generally along a vertical plane when the head is upright and dividing the head into the two face portions. Clothes means in the form of a simulated garment is fabricated of material having two sides with different designs on each side. The clothes means includes a top hood portion secured to the annular flange so that one of the faces is in the interior of the hood while the other face is exposed through the hood opening. A bottom torso portion of the garment extends downwardly from the hood portion and has a bottom opening large enough to receive a child's hand into the interior of the torso portion. The doll can be transformed by turning the clothes means inside out with respect to the annular flange on the doll's head so that the previously exposed face will be covered by the hood portion and vice versa.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. **1** is a perspective view of the reversible doll of the present invention shown in one mode;

FIG. **2** is a perspective view of the reversible doll of the present invention shown in another mode;

FIGS. *3a–3e* are perspective views of the reversible doll of the present invention in different sequential stages of being changed from one mode to the other mode;

FIG. **4** is a front elevational view partially cut away of the reversible doll shown in FIG. **1**;

FIG. **5** is a vertical section taken generally along the line **5—5** of FIG. **4**;

FIG. **6** is a front elevational view partially cut away of the reversible doll shown in FIG. **2**; and

FIG. **7** is a vertical section taken generally along the line **7—7** of FIG. **6**.

DESCRIPTION OF THE PREFERRED EMBODIMENT

Turning now to FIGS. **1** and **2**, the reversible doll of the present invention, generally designated **10**, is shown in two different modes. FIG. **1** shows a doll with a happy face **12***a* in brightly decorated clothes whereas FIG. **2** shows a doll with a sad face **12***b* and somewhat tattered clothes.

The doll **10** generally includes a molded plastic head, generally designated **16**, having the two faces **12***a* and **12***b* with different features formed thereon in back-to-back relationship.

Looking at FIGS. **4** and **6**, it can be seen that a generally annular flange **18** is formed on the head **16** dividing the head generally along a vertical plane when the doll's head is erect, separating the two faces **12***a* and **12***b*. The flange **18** preferably is formed so that it is integral with the head **16**.

The flange **18** has a cut away portion **20** formed near the top of the head **16** (see FIGS. **4** and **6**). The cut away portion **20** receives a plurality of strands of hair **22** therethrough having opposed hair tufts **22***a* and **22***b*. Thus, the hair tufts **22***a* and **22***b* on opposite sides of the flange **18** covering a portion of each face **12***a* and **12***b*. The hair tuft **22***a* covering the happy face **12***a* (see FIG. **4**) is in a generally neat hair style to correspond with a happy face. The hair tuft **22***b* covering and extending around portions of the sad face **12***b* (see FIG. **6**) is more of a drab hair style to match the sad face **12***b*.

Clothes means, generally designated **24**, in the form of a simulated garment is secured to the head **16** and extends downwardly therefrom. The clothes means **24** is formed from material having two sides **26***a* and **26***b*. Side **26***a* has a bright, cheery design printed thereon while side **26***b* has a rather drab design printed thereon. (See FIGS. **1**, **2**, **4** and **6**).

The material comprising the clothes means **24** is formed so that there is a top hood portion **28** having an opening **30** formed therein (FIGS. **4** and **6**). The hood portion is secured around the flange **18**. As can be best seen in FIGS. **5** and **7**, the hood portion **28** either covers the sad face **12***b* (FIG. **5**) or the happy face **12***a* (FIG. **7**) thereby exhibiting the opposite face through the hood opening **30**.

The clothes means **24** also includes a torso portion **32** integral with the hood portion **28** and extending downwardly therefrom. The torso portion **32** is generally in the form of a dress or other garment and has a bottom opening **34** formed therein (FIGS. **4–7**) large enough to receive a child's hand therethrough into the interior of the torso portion.

Two pair of arms **36***a* and **36***b* are provided on either side of the torso portion **32** just below the hood portion **28**. The arms are secured opposite each other to the opposite sides **26***a* and **26***b* of the material. The arms include stuffing material **38** (FIG. **4**) within suitable outer covering provided by the garment material. Arms **36***a* have a design printed thereon which is coordinated with the design on side **26***a* of the garment material, while arms **36***b* have a design printed thereon which is coordinated with the design on side **26***b* of the garment material. At any one time, one pair of arms are outside of the clothes means **24** while the other pair of arms are in the interior of the clothes means (see FIGS. **4** and **6**).

A pair of legs **42** are secured to the back lower extremities of the torso portion **32** of the clothes means **24** and extend downwardly therefrom. The legs **42** generally include stuffing material **44** (FIG. **5**) encased within two leg covering portions **46***a* and **46***b*. Leg covering portion **46***a* has a design printed thereon which is coordinated with or otherwise matches the material on garment side **26***a*, while leg covering portion **46***b* has a design printed thereon which is coordinated with or otherwise matches the material on garment side **26***b*. When material side **26***a* is observable on the doll as shown in FIG. **4**, leg covering **46***a* is the front cover of the legs **42**. When material side **26***b* is observable on the doll, leg covering **46***b* is the front cover of the legs as shown in FIG. **6**.

Turning now to FIGS. **3***a*–**3***e* in greater detail, it can be seen that the doll can be transformed from the form shown in FIG. **1** to the form shown in FIG. **2**. The first step is to insert one's hand through the bottom opening **34** of the torso portion **32** (see FIG. **3***a*). The second step, as shown in FIG. **3***b*, is to grasp the face **12***b* that is covered by the hood portion **28**. The next step, as best shown in FIGS. **3***c* and **3***d*, is to turn the head **16** upside down. It is to be noted that as the head **16** is turned upside down the clothes means **24** is turned inside out relative to the flange **18**. After the clothes means have been turned completely inside out, the doll of FIG. **2** appears as shown in FIG. **3***e*.

During the above transformation, the doll's face is changed from face **12***a* to face **12***b*, the doll's clothes means **24** have been changed from side **26***a* to side **26***b*, the doll's hair has been changed from hair style **22***a* to hair style **22***b*, the doll's arms have been changed from arms **36***a* to arms **36***b*, and the front leg coverings have been changed from **46***a* to **46***b*. In order to change the doll from the doll shown in FIG. **2** to the doll shown in FIG. **1**, the same process as above described is effected.

The foregoing detailed description has been given for clearness of understanding only and no unnecessary limitations should be understood therefrom as some modifications will be obvious to those skilled in the art.

I claim:

1. A reversible doll comprising:

a head having two back-to-back faces with different features formed thereon; and

clothes means formed of material having two sides with a different design on each side, said clothes means including a top hood portion having an opening secured to said head so as to divide the head generally along a vertical plane when the head is erect and separating the two faces so that one of the faces is in the interior of the hood portion while the other face is exposed through said hood opening, whereby the doll can be transformed by turning the clothes means inside out with respect to said head so that the previously exposed face will be covered by the hood portion.

2. The doll of claim **1** wherein said clothes means includes a bottom torso portion extending downwardly from said hood portion and having a bottom opening large enough to receive a child's hand into the interior of the clothes means, said doll including two pairs of arms secured to said torso portion and extending outwardly therefrom in opposite directions, each pair of arms being complementary to one of the sides of clothing material and extending outwardly from the respective side.

3. A reversible doll comprising:

a head having two back-to-back faces with different features formed thereon; and

clothes means formed of material having two sides with a different design on each side, said clothes means including a top head portion having an opening secured to said head so as to divide the head generally along a vertical plane when the head is erect and separating the two faces so that one of the faces is in the interior of the hood portion while the other face is exposed through said hood opening, and a bottom torso portion extending downwardly from said hood portion and having a bottom opening large enough to receive a child's hand into the interior of the clothes means, said doll including a pair of legs secured to the torso portion extending downwardly from the bottom opening, said legs having front and back sides, each side having a design thereon complementary to one of the sides of material, whereby the doll can be transformed by turning the clothes means inside out with respect to said head so that the previously exposed face will be covered by the hood portion.

4. The doll of claim **3** including hair means secured on top of the head, said hair means having two sets of hair tufts, each associated with one of the faces and having a style corresponding to the respective doll face and clothing side.

5. The doll of claim **3** including two pair of arms secured to said torso portion and extending downwardly therefrom in opposite directions, each pair of arms being complementary to one of the sides of clothing material and extending outwardly from the respective side.

6. The doll of claim **5** including hair means secured on top of the head, said hair means having two sets of hair tufts, each associated with one of the faces and having a style corresponding to the respective doll face and clothing side.

7. A reversible doll comprising:

a head having two back-to-back faces with different features formed thereon including a generally annular flange formed on the head dividing said head generally along a vertical plane;

clothes means formed of material having two sides with a different design on each side, said clothes means including a top hood portion having an opening secured to said flange so that one of the faces is in the interior of the hood portion while the other face is exposed through the hood opening, and a bottom torso portion extending downwardly from said hood portion and having a bottom opening large enough to receive a child's hand into the interior of the clothes means;

a pair of legs secured to the torso portion extending downwardly from said bottom opening, said legs having front and back sides, each side having a design thereof complementary to one of the sides of material;

two pair of arms secured to said torso portion and extending outwardly therefrom in opposite directions, each pair of arms being complementary to one of the sides of clothing material and extending outwardly from the respective side;

hair means mounted on top of the head secured to said flange including hair tufts extending from either side thereof in different styles complementary to the respective doll face and clothing side; and

whereby the doll can be transformed by turning the clothes means inside out with respect to the flange so that the previously exposed face, arms, hair style, clothes and legs will not be exposed to view and vice versa.

8. A reversible doll comprising:

a head having two back-to-back faces with different features formed thereon;

clothes means formed of material having two sides with a different design on each side, said clothes means including a top hood portion having an opening secured to said head so as to divide the head generally along the vertical plane when the head is erect and separating the two faces so that one of the faces is in the interior of the hood portion while the other face is exposed through said hood opening, whereby the doll can be transformed by turning the clothes means inside out with respect to said head so that the previously exposed face will be covered by the hood portion; and

hair means secured on top of the head having hair tufts extending from either face in different styles complementary to the respective doll face and clothing side.

9. A reversible doll comprising:

a head having two back-to-back faces with different features formed thereon including a generally annular flange formed on said head dividing the head generally along a vertical plane and separating said faces; and

clothes means formed of material having two sides with a different design on each side, said clothes means including a top hood portion having an opening secured to said flange so that one of the faces is in the interior of the hood portion while the other face is exposed through said hood opening, whereby the doll can be transformed by turning the clothes means inside out with respect to said head so that the previously exposed face will be covered by the hood portion.

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