

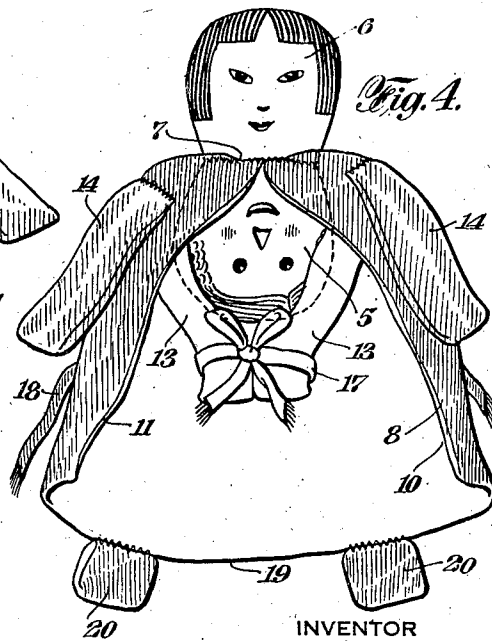
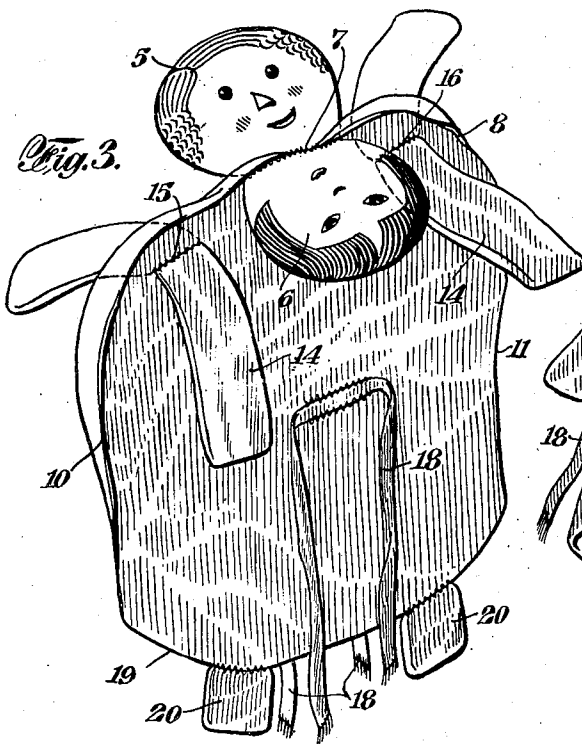
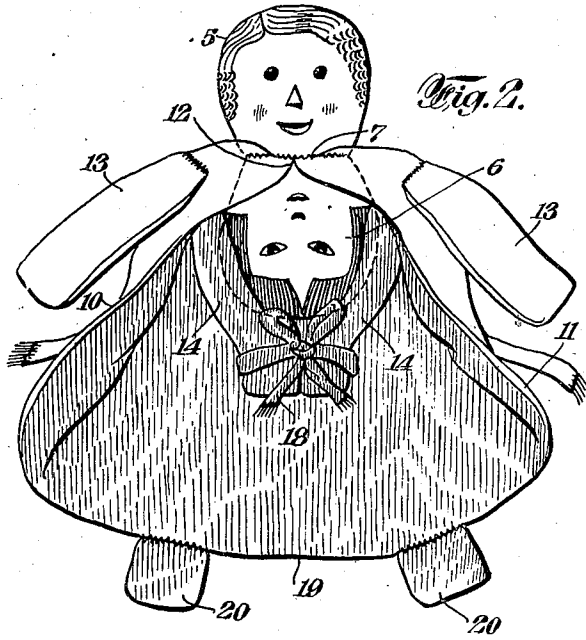
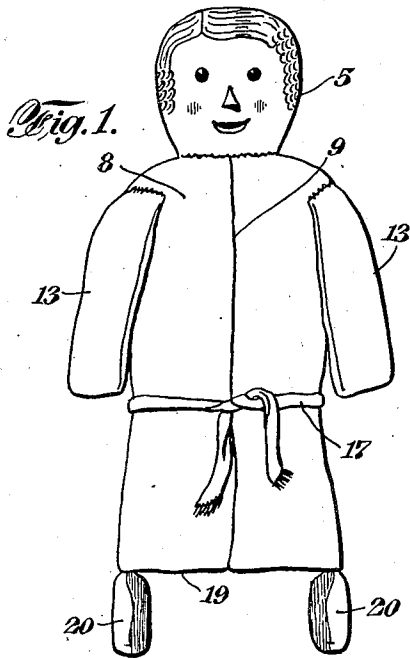
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REVERSIBLE DOLL

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# UNITED STATES PATENT OFFICE

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## REVERSIBLE DOLL

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10 Claims. (Cl. 46—153)

This invention relates to dolls, and more particularly to rag dolls of reversible construction.

Cognizance is taken of various forms of rag dolls in this general category, most of these being of the "upside down" construction containing an exterior head exposed to view, and an inverted interior head enclosed by a dress or cloak extending down to the very bottom of the device, whereby upon turning the doll head down the said skirt or cloak portion flaps down over the previously exposed head to disclose the new head that had been hidden. Such an "upside down" doll cannot be provided with feet or legs, because the extreme bottom thereof must of necessity become the top of the figure upon an operative reversal thereof. It is hence one of the objects of this invention to present a doll of reversible construction having in both of its positions a complete combination of head, body, arm and leg portions.

It is also within the contemplation of this invention to enable the reversing operation to be readily and easily effected by a manual manipulation of such a nature as to be particularly attractive to children.

Another object of this invention is to present a structure which in either of its positions constitutes a firm and compact figure.

Other objects, features and advantages will appear from the drawing and the description hereinafter given.

Referring to the drawing,

Figure 1 is a front view of the doll constituting my invention shown in one of its positions.

Figure 2 represents the structure of Figure 1 with the coat portion partially open during the reversing operation, disclosing the disposition of the inner parts.

Figure 3 is a perspective view of the doll during a further stage of the reversing operation, and

Figure 4 is a front view of the doll after it had been operatively turned inside out, the coat portion being open to show the condition of the interior thereof.

In Figure 1 of the drawing, the doll constituting my invention is shown in one of its two forms, the parts being secured together to present a complete doll. The structure illustrated in the various figures contains inner and outer head portions 5 and 6 respectively, these being secured together preferably at a common juncture 7 of the coat or cloak portion 8. The coat contains a longitudinal slit 9 which forms the opening thereof, the edges 10 and 11 of the opening being secured together preferably at point 12 in the region

of said common juncture 7. Suitably secured to the coat are the outer and inner arms 13 and 14 respectively, corresponding arms being preferably secured together at common junctures 15 and 16. The outer portion of the coat is provided with a belt 17 and the inner portion with a belt 18. The lower edge 19 of the coat has suitably attached thereto the leg portions 20.

In its normal condition the structure presents an appearance of an ordinary rag doll, the outer head portion 5 being exposed to view and the coat being held in its closed position by means of the belt 17—the arms 13 and the legs 20 being exteriorly positioned. In this condition the inner head 6 constitutes the inner body portion of the doll, being completely enveloped by the coat 8. As can be seen in Figure 2, the inner belt 18 can if desired be employed to tie together the inner arms 14 and the inner head 6, thereby presenting a compact arrangement. And when the coat 8 is closed to completely envelope the said inner portions, and the outer belt tied in place, the doll can be sufficiently firm in construction to enable it to withstand the type of rough usage to which such figures are frequently subjected.

In the operation of reversing the doll, the belts 17 and 18 are untied, and the inner head portion 6 rotated about the axis 7 to be moved out through the opening in the coat caused by a separation of the edges 10 and 11 thereof. As this rotary movement is continued, the outer head 5 is similarly rotated about said juncture 7 as an axis, and brought into engagement with the side of the coat to which it is attached. Thereafter the coat is wrapped around said head 5, leaving the head 6 in an exposed position. The belt 17 is then tied about the arms 13 and head 5 as shown in Figure 4, and the belt 18 tied around the coat portion to completely close the garment and hide from view the portions which now constitute the inner body of the doll.

It is thus apparent that in this new position the portion of the doll which had previously been exposed is now hidden from view and constitutes the inner body portion thereof, whereas the portion which was previously hidden from view, is now exposed. In this manner a new figure is presented, comprising not only a new head portion and new arms, but also a new surface of the coat which may be strikingly different from the opposite surface as to color, texture and trimmings.

It will be noted that the leg portions 20 are always exposed to view and at the bottom of the figure, inasmuch as the doll has not been turned

upside down in order to effect the change from one configuration to the other. This constitutes a decided improvement over other reversible doll structures which are of the upside down type, and which, as aforesaid, cannot be provided with leg portions.

The operation of reversing the doll is obviously simple enough to be effectuated by any child, and yet it requires a manner of manipulation which in itself can prove extremely fascinating.

It is understood that instead of heads 5 and 6, body portions including heads can be employed within the contemplation of this invention—it being also understood that the various embodiments above described and shown in the drawing are illustrative of my invention and not employed by way of limitation, inasmuch as numerous other changes and modifications may be made within the scope of the appended claims without departing from the spirit of this invention.

I claim:

1. A doll comprising a coat portion with an opening in the side thereof, and two body portions secured to the coat portion in opposed relation to each other, the coat portion being adapted to envelope one of the body portions while the other is exteriorly disposed with respect thereto, the opening in the coat extending to the region of the body portions whereby the inner body portion is movable through the opening to an exterior position.

2. A doll comprising a coat portion with an opening in the side thereof, and two body portions secured at a common juncture to the coat portion in opposed relation to each other, the coat portion being adapted to envelope one of the body portions while the other is exteriorly disposed with respect thereto, the opening in the coat extending to the region of the said juncture whereby the inner body portion is movable through the opening to an exterior position.

3. A doll comprising a coat portion with an opening in the side thereof, and two body portions secured at a common juncture to the coat portion in opposed relation to each other, the coat portion being adapted to envelope one of the body portions while the other is exteriorly disposed with respect thereto, the opening in the coat extending to the region of the said juncture, the body portion within the coat being movable about said juncture as an axis and out through the opening to an exterior position.

4. A doll comprising a coat portion with an opening in the side thereof, and two body portions secured at a common juncture to the coat portion in opposed relation to each other, the coat portion being adapted to envelope one of the body portions while the other is exteriorly disposed with respect thereto, the opening in the coat extending to the region of the said juncture, both of said body portions being simultaneously rotatable about said juncture as an axis whereby they are operably movable through the opening.

5. A doll comprising a coat portion with a longitudinal opening in the side thereof, and two body portions secured to the coat portion in op-

posed relation to each other, the coat portion being adapted to envelope one of the body portions while the other is exteriorly disposed with respect thereto, the edges forming said opening being secured together at the region of attachment of the body portions to the coat portion, the inner body portion being movable through the opening to an exterior position.

6. A doll comprising a coat portion with an opening in the side thereof, two heads, two sets of arms and two belts secured to the coat portion on opposite sides thereof, the coat being adapted to envelope one of the heads and one set of arms while the other head and arms are exteriorly disposed with respect thereto, each belt being so positioned as to be adapted to be tied around the head and arms on the same side of the coat portion when enveloped thereby, the heads, arms and belts being operably movable through said opening upon an operative manipulation of the doll.

7. A doll according to claim 6, the oppositely disposed heads, arms and belts being secured to the coat portion at common junctures.

8. A doll comprising a coat portion with a longitudinal opening in the side thereof, two body portions secured to the coat portion in opposed relation to each other, and two leg portions depending from the bottom of the coat portion, the coat portion being adapted to envelope one of the body portions while the other is exteriorly disposed with respect thereto, the edges forming said opening being secured together at the region of attachment of the body portions to the coat portion, the body portions being operably movable through said opening.

9. A doll comprising a coat portion with an opening in the side thereof, two body portions secured at a common juncture to the coat portion in opposed relation to each other, and two leg portions depending from the bottom of the coat portion, the coat portion being adapted to envelope one of the body portions while the other is exteriorly disposed with respect thereto, the opening in the coat extending to the region of the said juncture, both of said body portions being rotatable about said juncture as an axis whereby they are operably movable through the said opening.

10. A doll comprising a coat portion with an opening in the side thereof, two heads, two sets of arms and two belts secured to the coat portion on opposite sides thereof, the heads being secured to the coat portion at a common juncture, the coat being adapted to envelope one of the heads and one set of arms while the other head and arms are exteriorly disposed with respect thereto, each belt being so positioned as to be adapted to be tied around the head and arms on the same side of the coat portion when enveloped thereby, the heads being rotatable about said juncture as an axis whereby they are operably movable through the opening to effect a reversal of the doll.

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