H. A. SANCIER.

DOLL.

APPLICATION FILED JULY 31, 1914.

**1,148,540.** Patented Aug. 3, 1915.

*Fig. 1*



*Fig. 6*

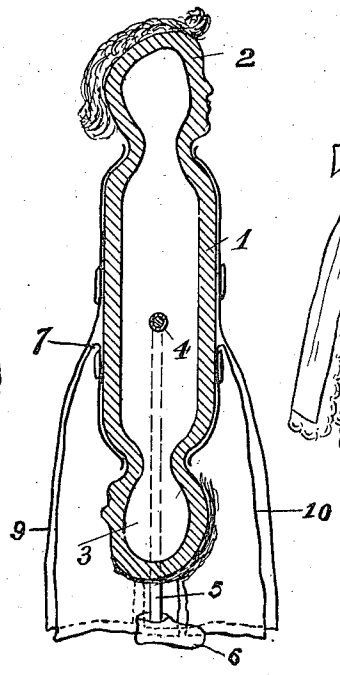



*Fig. 2*

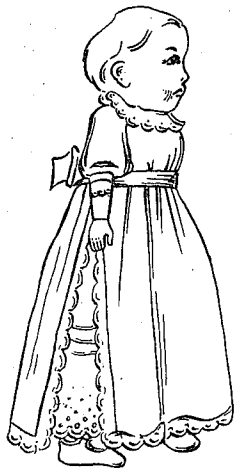


*Fig. 4*

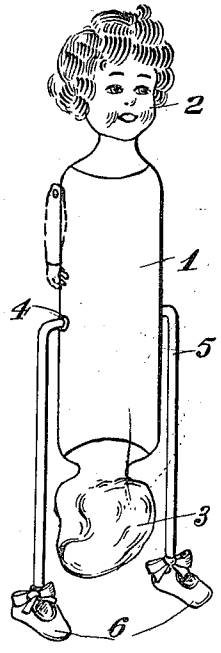



*Fig. 3*

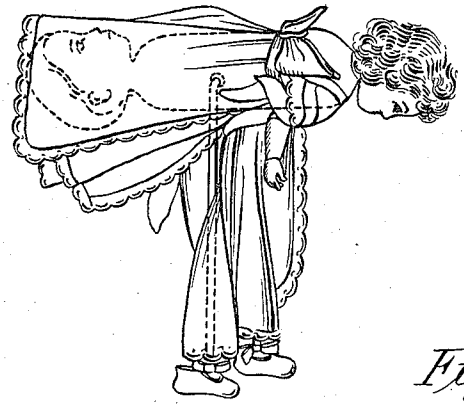
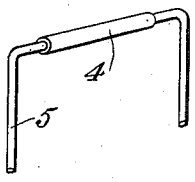


*Fig. 5*




Witnesses:
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# UNITED STATES PATENT OFFICE.

HELEN A. SANCIER, OF EDGEWATER, NEW JERSEY.

## DOLL.

1,148,540. Specification of Letters Patent. Patented Aug. 3, 1915.

Application filed July 31, 1914. Serial No. 854,305.

*To all whom it may concern:*

Be it known that I, HELEN A. SANCIER, a citizen of the United States, and a resident of Edgewater, New Jersey, have invented new and useful Improvements in Dolls, of which the following is a specification.

This invention relates to improvements in dolls, and has for its object to provide a novel and attractive toy of this character which may be instantly changed so as to present a doll of totally different appearance without the detachment of any parts or any change in the costume.

A further object of the invention is to provide a doll of this character whose outward appearance is the same as a doll of any ordinary construction of the same grade.

A further object of the invention is to provide a doll of this character which can stand alone and which is sufficiently articulated to permit of movements approximating those of the high grade jointed dolls.

With the above objects in view, my invention consists of the construction shown in the accompanying drawing and hereinafter described, and in said drawing, Figures 1 and 2 are exterior views showing the two contrasting appearances of the doll; Fig. 3 is a perspective view showing the doll in process of reversal; Figs. 4 and 5 are detail views showing the mechanical features of construction; Fig. 6 is a sectional view showing the arrangement of the double dress.

As shown in the drawing my improved doll consists of a body portion 1 which may be substantially cylindrical and formed of papier-mâché, celluloid or other suitable material such as employed in toys of this character. At either end the body of the doll is provided with heads 2 and 3 which are preferably of contrasting design, for instance one may have the appearance of an infant and the other that of the nurse-maid. At the center of the body a transverse metal tube 4 is inserted to form a bearing for a piece of stiff bent wire 5, whose ends extend parallel with the sides of the doll body to a distance somewhat beyond the top of the adjacent head, and to the ends of the wires 5 there are attached shoes 6 which are preferably weighted to preserve the equilibrium of the doll when standing. The shoes may for instance be filled with solder by which they are conveniently attached to the ends of the rod 5.

The doll is dressed by providing separate waist portions which extend in each instance to a point just above the tube 4. The skirts of the doll are slit on each side over the legs 5 and the two outer skirts 9 and 10 may be continuations of the material of the waists. The two skirts are all that are necessary but if desired additional skirts may be provided. In either case the skirts are bound with a sash immediately above the tube 4 in which the legs are pivoted. As will be seen in Fig. 6 the outer skirt of one costume forms the under skirt of the other, and if the material is somewhat stiff the amount of cloth taken up in the fold where it is reversed, as indicated at 7, Fig. 6, will shorten the underskirt to about the same length as the outer skirt. The two or more skirts are preferably slit at different points along the side, that is, one slit will be somewhat in front of the legs and one somewhat behind them, so that when the doll is standing the edges of the skirts will overlap and entirely conceal the extra head, etc.

The doll is reversed as shown in Fig. 3 by simply turning the body about the middle portion of the wire 5. If the feet are sufficiently heavy, the doll may be turned while standing without toppling over.

A separate pair of arms for each head of the doll is provided, and the arms may be conveniently sewed onto the sleeves of the dress without being separately attached to the body as indicated in full lines in Figs. 1 to 3, or the arms of the doll may be attached to the body, as indicated in dotted lines in Fig. 4, in the usual manner to permit the costume to be changed without affecting the arms.

A very attractive doll may be made very cheaply according to my improved construction. By providing the bearing 4 at the center of the body, the body and heads may be made of celluloid, or other cheap material, and will be no more subject to wear than a doll of ordinary construction. The appearance of either doll is not noticeably different from the appearance of a doll without the reversible feature.

Having thus described my invention, what I claim and desire to secure by Letters Patent is:

1. In a doll the combination of a body having opposite heads, and legs centrally pivoted to the sides of the body for rotation through more than 180° and extending

beyond the heads when turned in the same direction.

2. In a doll, the combination of a body having heads at each end, a transverse bearing at the center of the body, a bent wire pivotally mounted and freely rotatable in said bearing with its ends extending parallel with the body and projecting beyond either head when turned adjacent thereto, and weighted shoes attached to the ends of the rod.

3. In a doll, the combination of a body having opposite heads, legs centrally pivoted to the sides of the body for rotation through more than 180° and extending beyond the heads when turned in the same direction, and a separate pair of arms for each head.

4. In a doll, the combination of a body having opposite heads, legs centrally pivoted to the sides of the body and extending beyond the heads when turned in the same direction, a separate pair of arms for each head, and a costume for the doll comprising separate waist portions and two or more skirt portions, one lying within the legs and one without according to the position of adjustment of the legs.

5. In a doll, the combination of a body having opposite heads, legs centrally pivoted to the sides of the body and extending beyond the heads when turned in the same direction, a separate pair of arms for each head, and a costume for the doll comprising separate waist portions and two or more skirt portions, the latter being slit on the sides adjacent the legs.

6. In a doll, the combination of a body having opposite heads, legs centrally pivoted to the sides of the body and extending beyond the heads when turned in the same direction, and a separate pair of arms for each head, a costume for the doll comprising separate waist portions and two or more skirt portions, the latter being slit on the sides adjacent the legs, the different layers of the skirt portions being slit at different points to permit the clothing to overlap at the sides.

Signed at Edgewater in the county of Bergen and State of New Jersey this 27 day of July, 1914.

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Witnesses:
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