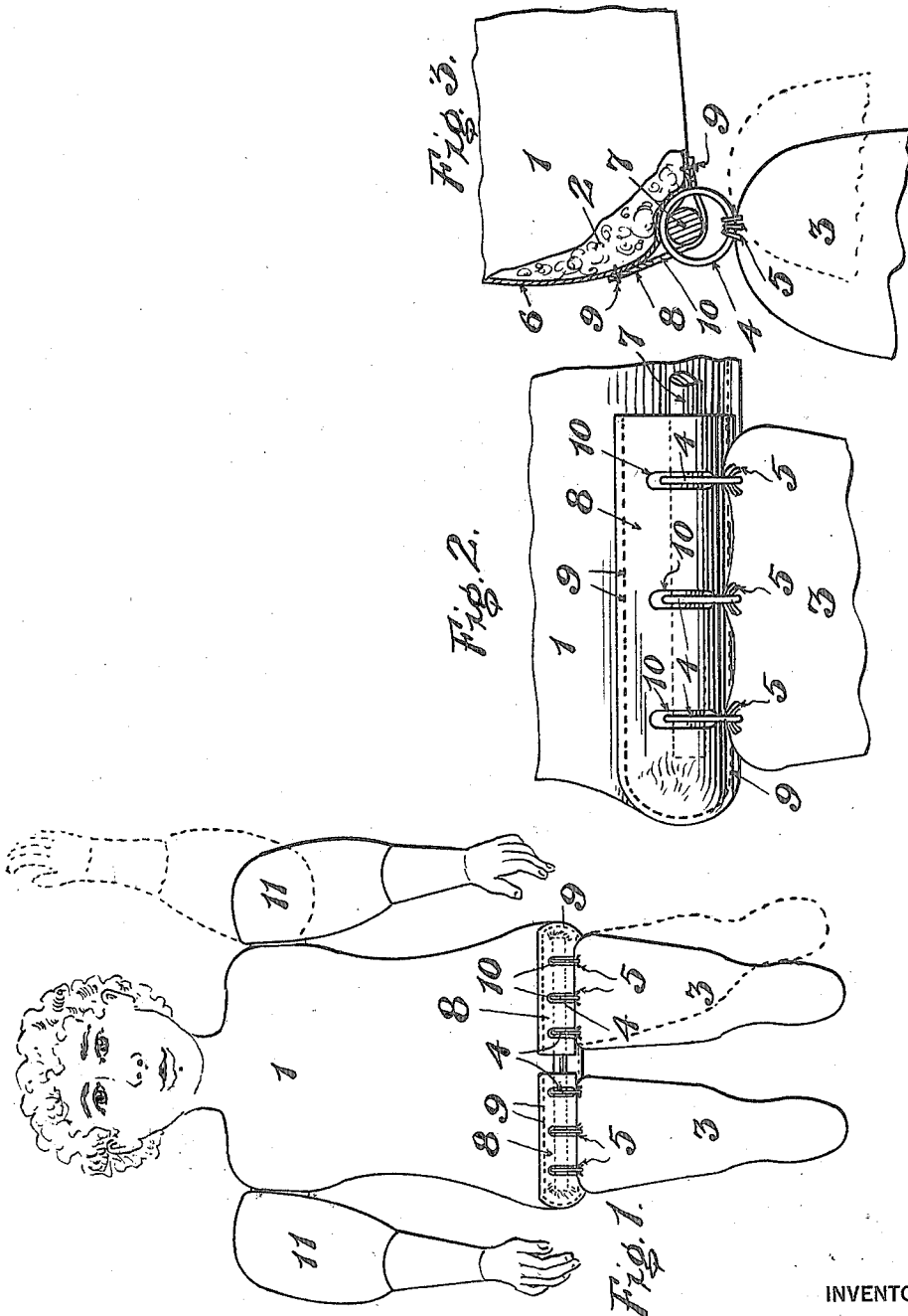


1,433,463.

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INVENTOR
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UNITED STATES PATENT OFFICE.

JOSEPH H. LANGROCK, OF NEW YORK, N. Y.

DOLL.

Application filed January 29, 1921. Serial No. 440,870.

To all whom it may concern:

Be it known that I, JOSEPH H. LANGROCK, a citizen of the United States, and a resident of the city, county, and State of New York, have invented certain new and useful Improvements in Dolls, of which the following is a specification.

The object of this invention is to provide a doll of simple construction and of the type known as a walking doll, which, when moved across the floor with its feet lightly touching the floor will assume the toddling stride of an infant. This object is attained by properly positioning the point of juncture of the limbs with respect to the body and in the method of freely pivoting the legs on the body as will be hereinafter set forth.

A further object of this invention is to provide a method of hinging or pivoting the limb of a doll to permit a universal movement thereof, enabling the same to withstand hard usage and enabling a new limb to be fitted readily without necessitating the removal of other parts of the body to obtain access to the hinging parts of the limb.

With these objects and other objects which may hereinafter appear in view, I have devised the particular arrangement of parts hereinafter set forth and more particularly pointed out in the claims appended hereto.

Reference is to be had to the accompanying drawing, forming a part hereof in which—

Figure 1 is a front elevation of a doll made in accordance with my invention.

Figure 2 is a front elevation showing the hinge joint for one of the legs.

Figure 3 is a side elevation of the same partly in section.

Throughout the various views of the drawings, similar reference characters designate similar parts.

In the preferred embodiment of my invention as disclosed in the accompanying drawing, 1 indicates the body of the doll which generally consists of a cloth casing stuffed with any suitable stuffing material 2. At 3 are the legs of the doll which are provided at their upper ends with a number of links 4 in the nature of loops secured in place by stitches 5 or other suitable securing means. At the lower end of the body portion 1 of the doll and substantially in

line with the front face 6 of the body is secured the leg supporting member 7 which I have shown in the nature of a rod or bar. This rod or bar 7 extends transversely of the body 1 and is held within elongated pockets 8 secured on the body of the doll as by stitching 9 or other suitable means. The pockets 8 are each provided with a plurality of spaced-apart apertures 10 through which the links 4 enter and the bar 7 passes through these links thus holding the legs in place.

I have shown two independent pockets 8 but it will be understood that a single elongated pocket may be used instead of two or the formation of the pocket may be entirely dispensed with and the leg supporting member 7 may be secured directly to the body in any way, or if desired the loops or links 4 may be secured directly to the body 1 being necessarily secured thereto in such a way as to permit an extremely free pivotal movement of the legs with respect to the body.

The pockets 8 are preferably closed at one end to hold the leg supporting bar or rod 7 securely in place. The manner in which the loops 4 are secured in position permit the legs to have a slight movement laterally of the longitudinal axis of the doll's body which aids in producing the walking effect of the doll. It will be found that if the doll is held with the feet lightly touching the floor and is moved across the floor and during such movement, if the body is given a slight sideways movement, the free pivotal movement of the legs causes one leg to swing forward and thence rearwardly while the other leg moves forward, thus giving the doll a natural and lifelike walking movement. This movement is aided by the positioning of the legs at the forward edge of the body as well as by free pivotal arrangement of the leg joint.

At 11 are shown the two arms of the doll which preferably have a universal movement.

From the foregoing, it will be obvious that many modifications of my invention may be made, all of which may produce similar results, without departing from the spirit of my invention.

What I claim is:—

1. A doll having a body portion, a rod secured at the lower end thereof, links on said rod and limbs attached to said links.

2. A doll having a body portion, a rod secured at the lower end thereof, limbs having loops secured to them, said loops extending over the rod and permitting the
5 limbs to have a slight amount of movement laterally to the longitudinal axis of the body.

3. A doll having a body portion, a pocket on the lower end thereof at the front of the
10 body, a rod in said pocket, legs, and links connecting said legs with said rod.

4. A doll having a body portion, an apertured pocket on the lower end thereof, a rod contained in said pocket, a pair of legs, and

links on said legs extending through the
15 apertures in the pocket and connected to the rod.

5. A doll having a body portion, an apertured pocket secured on the lower end of said body portion, a limb-supporting mem-
20 ber within said pocket and a limb connected to said supporting member and having a slight pivotal movement laterally of the axis of the body portion.

Signed at the city, county and State of
New York, this 26th day of January, 1921.
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JOSEPH H. LANGROCK.