G. AVERILL.

DOLL.

APPLICATION FILED JAN. 2, 1918.

1,269,363.

Patented June 11, 1918

2 SHEETS—SHEET 1.

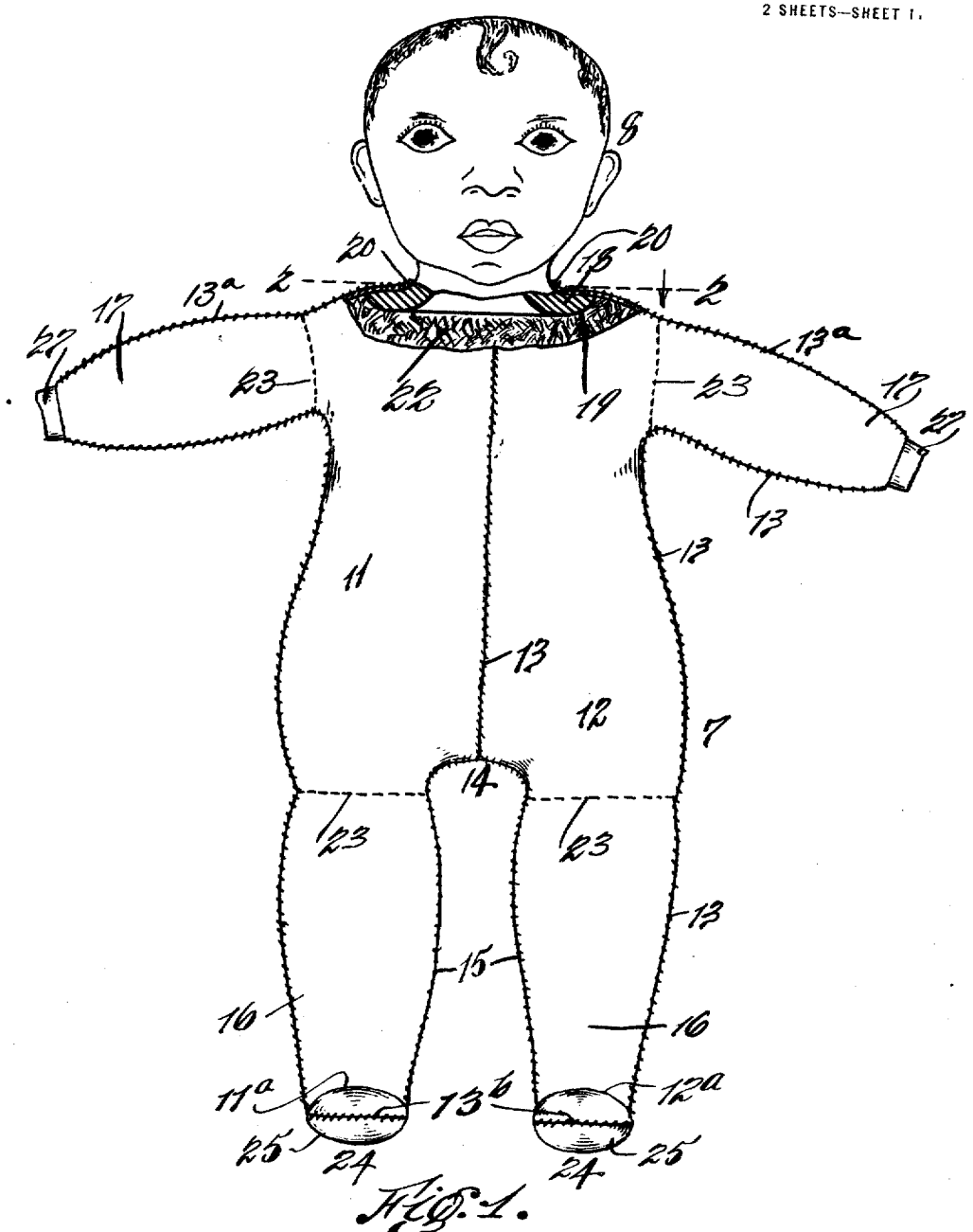


Fig. 1.

INVENTOR

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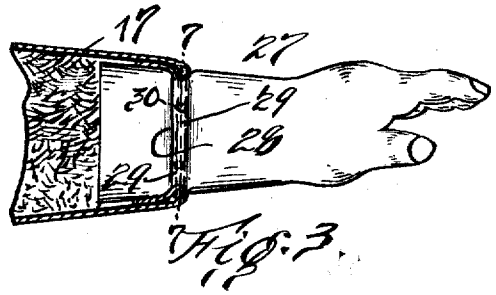


Fig. 3.

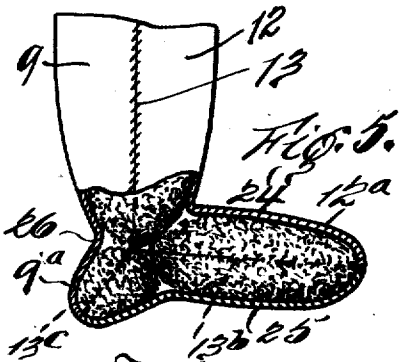


Fig. 5.

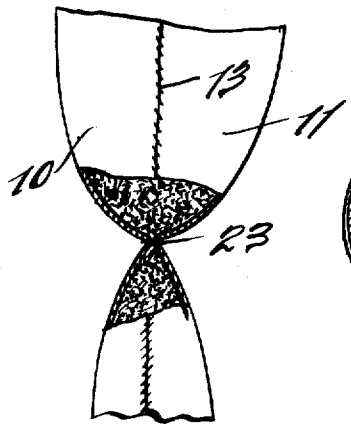


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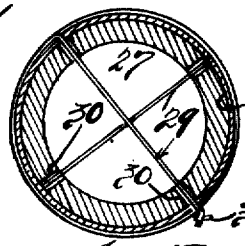


Fig. 7.

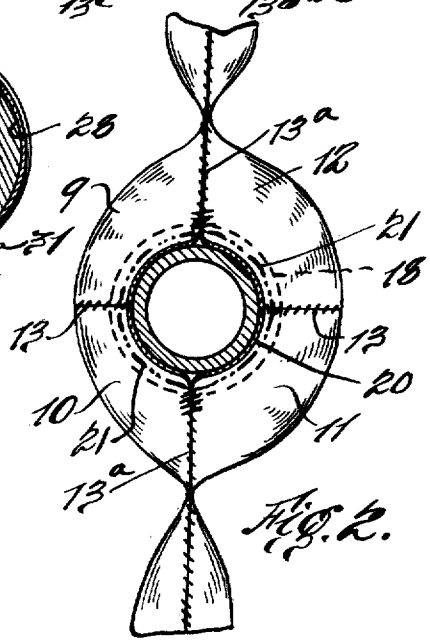


Fig. 2.

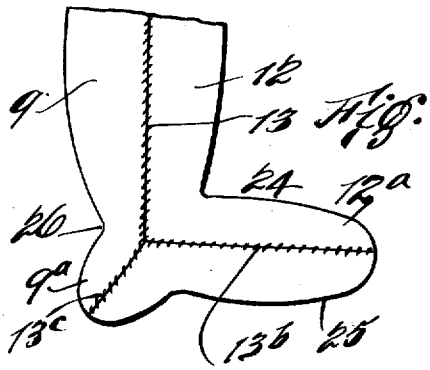


Fig. 6.

INVENTOR

Georgene Averill

BY

ATTORNEY

UNITED STATES PATENT OFFICE.

GEORGENE AVERILL, OF NEW YORK, N. Y.

DOLL.

1,269,363. Specification of Letters Patent. Patented June 11, 1918.

Application filed January 2, 1918. Serial No. 209,814.

To all whom it may concern:

Be it known that I, GEORGENE AVERILL, a citizen of the United States of America, residing at New York city, county and State of New York, have invented certain new and useful Improvements in Dolls, of which the following is a full, clear, and exact description.

This invention relates to improvements in dolls, the object of my invention being to provide a doll having all the appearances of an infant and being so constructed as to have seemingly jointless arms, head and legs. In other words, my improved doll is constructed so as to provide movable arms, legs and head without resorting to mechanical joints, such as ball-and-socket connections, wires, etc. The joints of my improved doll, or rather the points of connection of the arms, legs and head to the body, are formed by a special means which obviates the necessity of mechanical expedients, thereby reducing the cost of manufacture to the extent that mechanical connections and handling of same are obviated. Other features and details of improvement will hereinafter appear.

I will now proceed to describe my invention in detail, the novel features of which I will point out in the appended claims, reference being had to the accompanying drawings, forming part hereof, wherein:—

Figure 1 illustrates a front elevation of my improved doll, the hands being broken off;

Fig. 2 is a fragmentary sectional plan view, the section being taken on a line 2—2 in Fig. 1;

Fig. 3 is an enlarged detail view, partly in section, of the hand portion of the arms;

Fig. 4 is a fragmentary elevation, partly in section, illustrating the manner of movably connecting the arms and legs to the body;

Fig. 5 is a sectional view, partly in elevation, of the foot portion of the legs;

Fig. 6 is a side elevation thereof, and Fig. 7 is a cross section on line 7—7 Fig. 3.

The body portion 7 of my improved doll, as well as the arms, feet and legs, is made up of a stuffed casing, preferably of fabric, to which the head 8 is movably attached. In this instance the casing is formed in four sections 9, 10, 11 and 12 stitched together, as at 13, 13ª, the seams formed by said stitching extending, at the sides of the figure, the entire length thereof, while the seams at the front and back of the body extend from the neck to the crotch. The lower edges of the sections 9, 10, 11 and 12 at the crotch 14 are stitched together, and the seams 15, at the inside of the legs, are also formed by stitching the adjacent edges of the sections 9, 10, 11 and 12 together at this point.

By referring to Fig. 1 it will be seen that the seams 13 extend the entire length of the body 7 down the legs 16, and also along the undersurface of the arms 17, while the seams 13ª extend from the neck portion 20 along the upper surface of the said arms 17.

It will be apparent from any inspection of the drawings, that the casing for the body portion of the doll is (in this instance) made up of four sections, each section being blanked out to conform to the shape of one quarter section of the body, said sections being properly placed together and stitched along adjacent or conforming edges.

One of the features of my invention is the manner of movably securing the head 8 to the body 7 without recourse to mechanical connections. The head 8 of the doll is provided with an outwardly flaring flange 18, having a rounded edge 19, over which a portion 20 of each section 9, 10, 11 and 12 of the body casing is placed and caused to snugly fit the same by means of drawing strings 21, Fig. 2. The flange 18 and casing of the body of the doll are kept firmly in contact by the stuffing or filling 22 which is preferably cotton, although other filling material can be used. As the filling 22 is yieldable as well as the casing, the head 8 can be moved in any direction, including a rotary movement in a horizontal plane. The elements which secure the head 8 in position are the filling 22 and casing of the body, no other means being employed.

The flexible connection between the body and the arms 17 and the body and legs 16 is accomplished by stitching the front and back members of the casing sections together, as at 23. By means of the stitching 23 the casing is divided into five pockets, each of which are independently stuffed. The stitching 23 may be applied before the pockets are filled to round out the body, legs and arms, or after the said pockets are filled; in either event there will not be any filling at the points where said stitching 23 is applied, and hence these regions are more flexible than mechanical joints would be.

A further important feature of my invention is the formation of the feet 24. Each foot 24 is formed by extensions of the body sections 9, 12, 10 and 11 in combination with a supplemental section 25, as indicated at 9^a and 12^a, Fig. 5. The section 25 is stitched to the extensions of the body sections, as at 13^b and 13^c (Fig. 5). The heel portion of the foot and arch and toe portion, that is to say, that portion of the foot other than the heel, are independently stuffed or rather are stuffed with separate and distinct masses of filling. The purpose of this feature of my invention is to provide a foot having a projecting heel that will serve to retain a shoe or sock, without recourse to ribbons, cords or the like, as is usually the case with the dolls now in use. By forming the foot as above described, it is possible to form a pocket to receive stuffing to form a projecting heel. When the body section members 9, 12, 10 and 11 are blanked out, the lower end of each section will be formed to provide, when the supplemental section 25 is stitched thereto, a drawn in portion 26, so that when the foot is stuffed the heel of an infant child will be simulated. Each arm 17 is provided with a hand 27 provided with an annular recess 28. The hands are connected to the arms by wires 29, said wires acting to force the fabric of the arms into the recess as shown in Fig. 3. To securely anchor the wires and also to firmly secure the fabric of the arms and hands together, the said wires 29 are passed or laced through perforations 30, each wire 29 being laced through adjacent perforations 30 and the fabric of the arms, after which it is wrapped around the arm and finally twisted together at its ends 31.

What I claim as my invention is:

1. A doll-body consisting of a fabric casing, said casing being stitched together at the arm-pit and hip-portions to form flexible arms and legs, each arm and leg portion being stuffed independently of each other and of the body portion.

2. A foot for a doll-body consisting of a plurality of fabric sections stitched together, the heel portions being stuffed independently of the remainder of the foot; the stuffing for said heel portion being separated from the stuffing of the remainder of the foot.

3. A doll comprising a fabric casing, a stuffing therefor, a movable head, and a flange carried by the neck portion of the head, extending under the fabric casing, said stuffing being forced against said flange to hold same firmly in contact with the casing.

4. A doll comprising a fabric casing, a stuffing therefor, a movable head, and a flange carried by the neck portion of the head, extending under the fabric casing, said stuffing being forced against said flange to hold same firmly in contact with the casing, said head being unsecured to either the casing or stuffing.

5. A doll comprising a fabric casing, having an opening at the top thereof, a head in said opening, an outwardly flaring flange carried by the head and extending under the casing adjacent the opening therein, a drawing string to draw the edge of said opening against the neck portion of the head, and a stuffing for said casing, said stuffing being forced firmly against the flange of said head, said head being unsecured to either the casing or stuffing.

6. A foot for a doll-body consisting of a hollow fabric structure having a projecting heel portion, and independent masses of stuffing for said heel portion and the remainder of the foot.

7. A doll consisting of a fabric casing, the front and back of said casing being secured together at the arm-pit and hip-portions to form flexible arms and legs, said casing having an opening at the top thereof, a head located in said opening, a flange carried by the head extending under said casing adjacent the opening, a stuffing within said casing, the stuffing being forced against said flange, and the head being unsecured to either said casing or said stuffing, and independent stuffing for the arms and legs.

8. A doll consisting of a fabric casing, the front and back of said casing being secured together at the arm-pit and hip-portions to form flexible arms and legs, said casing having an opening at the top thereof, a head located in said opening, a flange carried by the head extending under said casing adjacent the opening, a stuffing within said casing, the stuffing being forced against said flange, and the head being unsecured to either said casing or said stuffing, independent stuffing for the arms and legs, and a foot for each leg, the foot portion of each leg being formed by a plurality of independent masses of stuffing.

9. A doll consisting of a fabric casing, having arm portions, leg portions and foot portions, each of said portions being stuffed independently of the other and of the body portion, a head for said body, and means carried by the head located between the casing and the stuffing therefor but unsecured to either the casing or stuffing, for movably retaining the head in position.

10. A doll body provided with an arm, a hand for the arm having an annular recess and perforations, and a wire to hold the arm in said recess, the wire being laced through said perforations.

11. A doll-foot provided with a heel portion, the heel projecting outwardly and downwardly below the ball of the foot to provide a projection to prevent slipping therefrom of a shoe or the like.

12. A foot portion for a doll-leg consisting of a plurality of sections of flexible material, two of said sections being stitched together along a portion of the side edges thereof to provide independent extensions, one of said extensions forming the top of the foot, the other extension forming the rear portion of the heel of the foot, and a third section stitched to said extensions to form the bottom of the foot and in conjunction with one of the said extensions to provide a projecting heel.

Signed at New York city, N. Y., this 29 day of December, 1917.

GEORGENE AVERILL.

Witnesses:
I. P. AVERILL,
M. A. FOWLER.

Disclaimer in Letters Patent No. 1,269,363.

DISCLAIMER.

1,269,363.—*Georgene Averill*, New York, N. Y. DOLL. Patent dated June 11, 1918. Disclaimer filed January 13, 1920, by the patentee.

"Enters this disclaimer—

"As to certain parts of claims 3, 4, and 5, in said specification, as follows, to wit:

"To the structure set forth in claims 3, 4, and 5, respectively, of said Letters Patent, as described by the word 'firmly' in each of said claims, except as the said word shall be used to include or designate a structure in which 'the filling 22 is yieldable as well as the casing' and 'the head 8 can be moved in any direction, including a rotary movement in a horizontal plane,' as set forth in lines 92 to 95 inclusive of page 1, of the description in said specification."

[*Official Gazette, April 6, 1920.*]