

No. 800,333.

PATENTED SEPT. 26, 1905.

E. SMITH,  
DOLL.  
APPLICATION FILED MAR. 31, 1905.

Fig. 1.

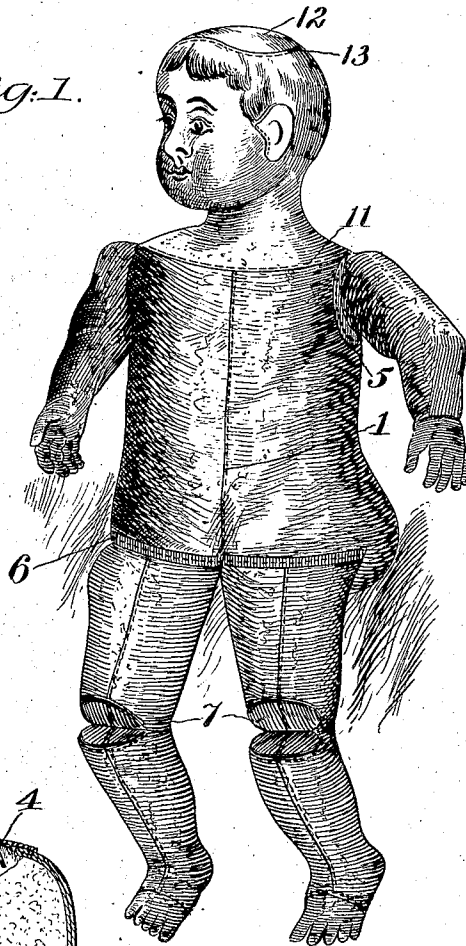


Fig. 2.

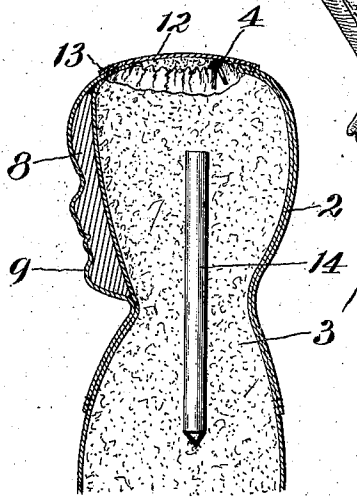
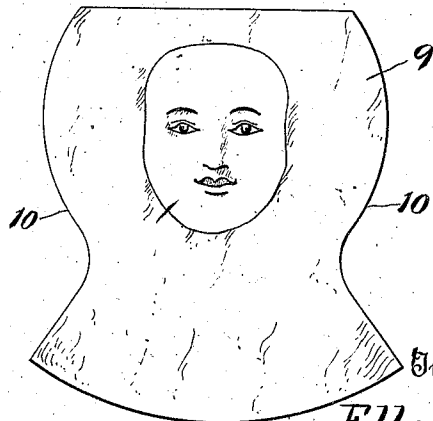


Fig. 3.



Witnesses

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# UNITED STATES PATENT OFFICE.

ELLA SMITH, OF ROANOKE, ALABAMA.

## DOLL.

No. 800,333.

Specification of Letters Patent.

Patented Sept. 26, 1905.

Application filed March 31, 1905. Serial No. 253,120.

*To all whom it may concern:*

Be it known that I, ELLA SMITH, a citizen of the United States, residing at Roanoke, in the county of Randolph and State of Alabama, have invented certain new and useful Improvements in Dolls, of which the following is a specification.

The object of this invention is to produce a doll which shall be comparatively indestructible and at the same time extremely human-like and attractive in appearance. In accomplishing this I make the body or trunk, the arms, hands, legs, and feet of stuffed fabric and apply over the feet and hands and as high up on the legs and arms as desirable one or more coats of flesh-colored and preferably waterproof paint. The head, face, neck, and bust are also fabric-covered, and the neck or bust is secured to the trunk by suitable stitching. The outer fabric of the face covers and conforms to the curvature of a backing molded to conform to the contour of the human face. The fabric of the head is stitched up and stretched over a stuffed head portion as a foundation, said portion forming a continuation of the stuffed body, and as a means for making the head rigid a rod or stick may be inserted through the head and passed down a suitable distance into the trunk or body.

The details of my invention will be more fully described with relation to the accompanying drawings, in which is illustrated a form of doll embodying my invention, and in which—

Figure 1 represents the doll in perspective; Fig. 2, a central vertical section taken through the head and bust, and Fig. 3 a front elevation of the face-piece with fabric covering stretched out flat to show the shape of same before it is stitched up.

In carrying out my invention I cut out and stitch up, as at 1, a fabric bag having a suitable shape for the trunk or body of the doll and the neck and head piece 2, which bag is then stuffed with cotton, wool, or other suitable stuffing material 3, after which the top of the bag is drawn together by any suitable means, as by the draw-string 4. The arms, hands, legs, and feet are preferably made of the same material as the trunk stitched up and stuffed, the toes and fingers being formed integral, respectively, with the feet and hands. The arms are stitched to the trunk, as at 5, and the legs stitched to the trunk in a rather forward position, as at 6. The legs are split at the knees, as at 7, to form joints. I apply

over the hands and feet and as high up on the arms and legs as desired one or more coatings of flesh-colored paint, preferably waterproof, whereby these members are given a human appearance. The paint also serves to protect the fabric.

The face of the doll consists of a rigid and preferably solid backing 8, of plaster-of-paris or other suitable substance, molded to conform to the features and general contour of a human baby's face. Covering the front of this backing is a fabric 9, of stockinet or other suitable material possessing the required stretching qualities. This fabric is made to conform exactly to the outer contour of the backing 8 by placing said fabric in a face-mold and pouring the substance of which the backing 8 is composed in a liquid, semiliquid, or plastic state over the fabric, when both fabric and backing or face-piece will conform to the contour of the mold, the latter becoming hard. The edges 10 of the fabric which covers the face are then brought together in front of the face and sewed up with their "wrong side" outside and stitched up. After this the fabric 9 is turned inside out and stretched over the head foundation and neck 2, as shown in Fig. 2. The lower edge 11 of head and face piece 9 is then stitched to the body, as at 11. After this a crown or cap piece 13, of fabric, is placed over the top of the head and stitched to the fabric 9, as at 13. For the purpose of giving the proper rigidity to the head and neck a rod or stick 14 is inserted through the head down into the body, as shown in Fig. 2. The head, face, neck, bust, and shoulders are then painted with one or more coats of suitable paint, preferably waterproof, all appearance of hair on the head being made by paint, though, if desired, the doll may be provided with a wig. I prefer, however, to produce the appearance of hair by paint applied directly to the fabric of the head, since the paint acts both to stiffen the fabric, and thereby to cause it to better hold its shape, and also to render the head waterproof. The ears are preferably made of stuffed fabric and sewed to the side of the head, after which they are painted.

It will thus be seen that a doll produced as above described is practically non-breakable, nor is there any material used in its construction which will melt or come apart either from heat or from moisture. Whenever one or more pieces of material are joined together, this is effected by stitching and not by glue

or other substances which readily allow the parts to separate when subjected to heat or moisture. Such a doll, moreover, while possessing the comparative indestructibility of a rag doll has an extremely human-like appearance and is most eagerly sought after by children.

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

1. A doll having a stiff face-piece, fabric covering the exterior of said face-piece and forming the exterior of the head and neck, and stuffing inside of said head and neck.
2. A doll having a stiff face-piece, fabric covering the exterior of said face-piece and forming the exterior of the head and neck, stuffing inside of said head and neck, and paint applied over the exterior of said fabric.
3. A doll having a solid, rigid face-piece, fabric covering the exterior of said face-piece and forming the exterior of the head and neck, and stuffing inside of said head and neck.
4. A doll having a rigid piece shaped on one side to conform to the contour of a human face and forming a solid backing for the face only of the doll, fabric covering the exterior of said face-piece, adhering closely thereto, and forming the exterior of the head and neck, and stuffing inside of said head, and neck.
5. A doll having a stiff face-piece, a stuffed bag behind said face-piece and forming the head of the doll, and fabric covering the exterior of said face-piece and forming the exterior of the head and neck of said doll.
6. A doll having a rigid piece shaped to conform to the contour of a human face and forming a solid backing for the face only of the doll, fabric covering the exterior of said face-piece, adhering closely thereto and forming the exterior of the head and neck, and a stuffed bag forming the interior of the head of the doll, substantially as described.
7. A doll having a rigid piece shaped to conform to the contour of a human face and forming a solid backing for the face only of the doll, fabric covering the exterior of said face-piece, adhering closely thereto and enveloping the head and neck, a stuffed bag forming the interior of the head of the doll over which the aforesaid fabric is stretched, and a rod inserted in said bag and extending down through the neck of the doll, substantially as described.
8. A doll having a rigid face-piece shaped

to conform to the contour of the human face and forming a solid backing for the face of the doll, fabric covering the exterior of said face-piece, adhering closely thereto, forming the exterior of the head and neck, and stitched up in the back, a stuffed head and neck foundation covered by said fabric, and paint applied over the exterior of said fabric.

9. A doll having a rigid piece shaped to conform to the contour of the human face and forming a solid backing for the face of the doll, fabric covering the exterior of said face-piece, adhering closely thereto and enveloping the head and neck, a crown-piece covering the crown of the head and stitched to said fabric, stuffing inside of said head and neck, and paint applied over the exterior of said fabric and crown-piece.

10. A doll having a rigid face-piece, fabric covering the exterior of said face-piece and forming the exterior of the head and neck, stuffing inside of said head and neck, stuffed fabric arms, hands, legs and feet and a stuffed fabric body having a stuffed foundation head and neck portion thereon, said arms and legs and the said fabric covering the head and neck being secured to said body by stitching, substantially as described.

11. A doll having a rigid face-piece, fabric covering the exterior of said face-piece and forming the exterior of the head and neck, stuffing inside of said head and neck, stuffed fabric arms, hands, legs and feet and a stuffed fabric body, said arms and legs and the said fabric covering the head and neck being secured to said body by stitching, and paint applied over said hands, arms, feet and legs, substantially as described.

12. A doll having a stuffed body portion terminating at one end in a neck and head portion, a rigid piece shaped to conform to the contour of the human face and forming a solid backing for the face of the doll, fabric covering the exterior of said face-piece, adhering closely thereto and enveloping the stuffed head and neck portions, a crown-piece covering the crown of the head and stitched to said fabric, stuffing inside of said head and neck, and paint applied over the exterior of said fabric and crown-piece.

In testimony whereof I affix my signature in presence of two witnesses.

ELLA SMITH.

Witnesses:

C. D. MANLEY,  
E. M. SHARMAN.