E. A. LOCHRIDGE.

DOLL AND METHOD OF MAKING SAME.

APPLICATION FILED JUNE 12, 1918.

1,308,432.

Patented July 1, 1919.

2 SHEETS—SHEET 1.

Fig. 1.

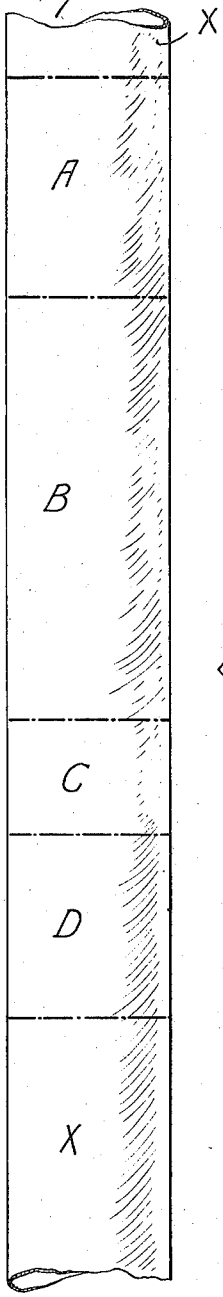


Fig. 2.

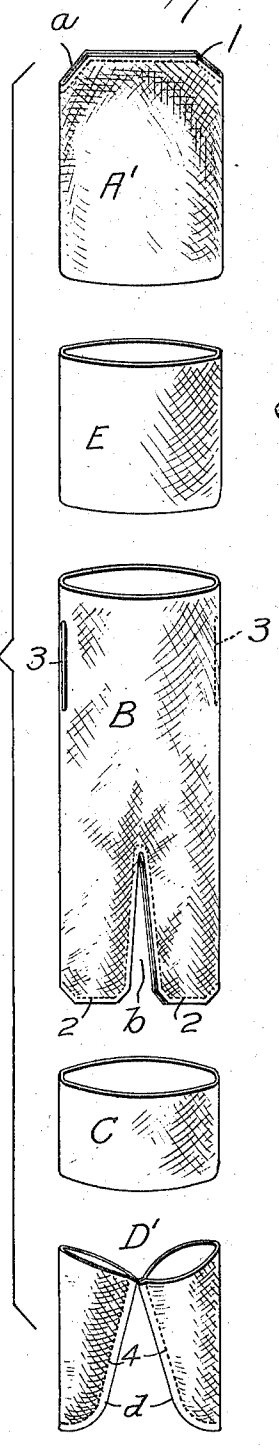


Fig. 3.

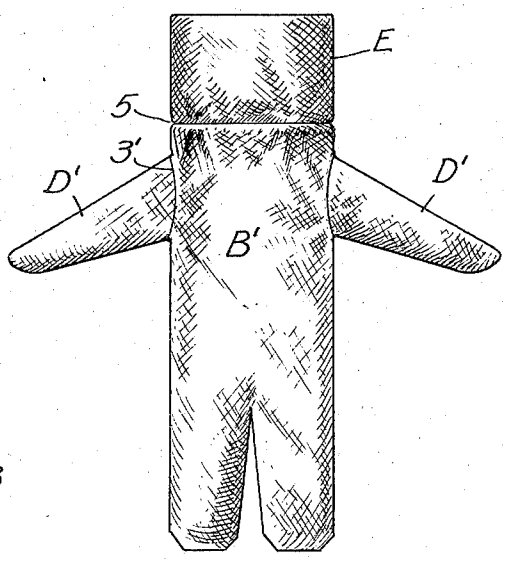
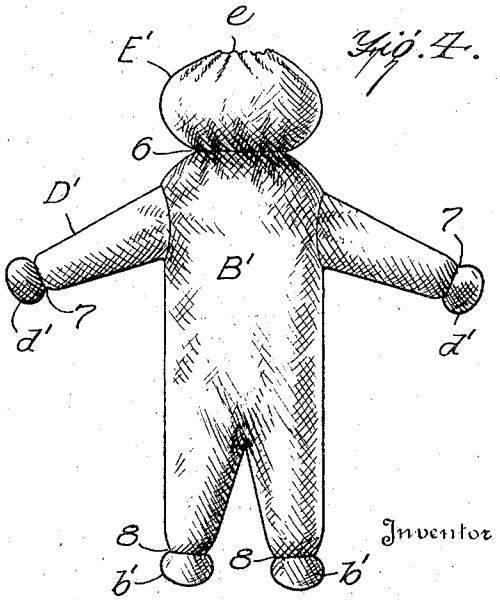


Fig. 4.



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2 SHEETS—SHEET 2.

Fig. 5.

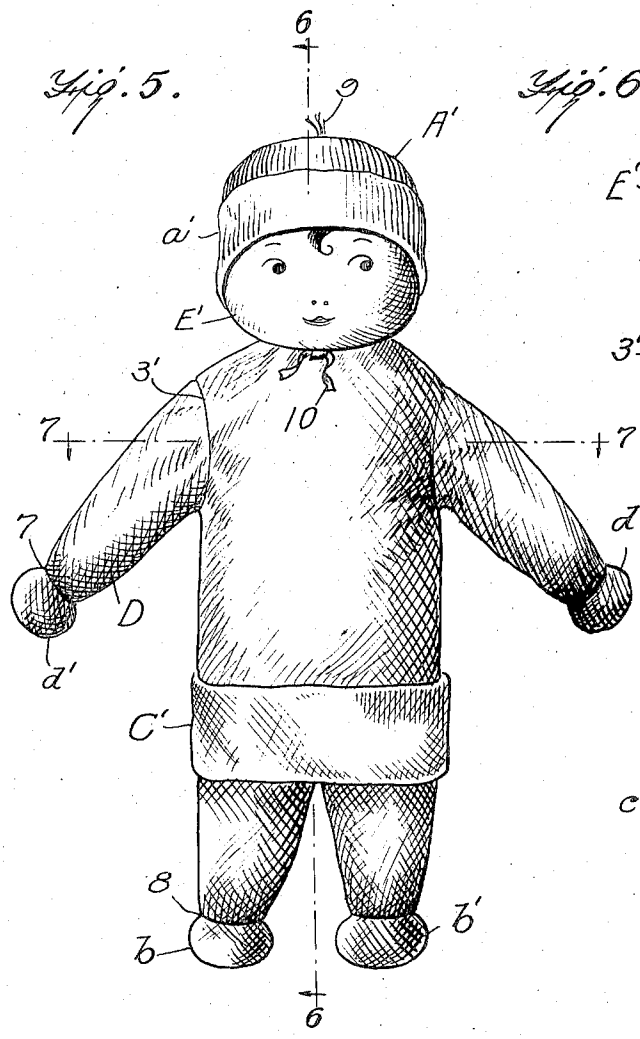


Fig. 6.

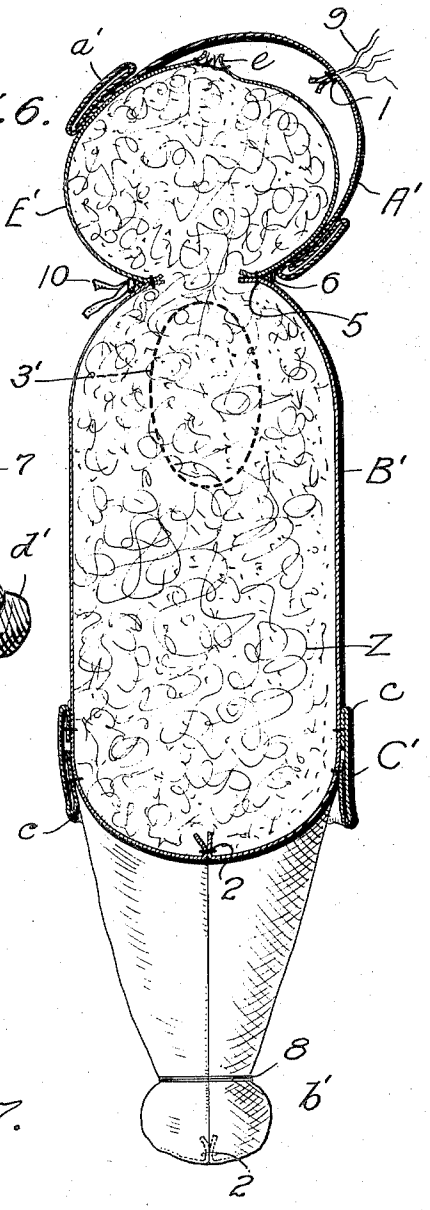
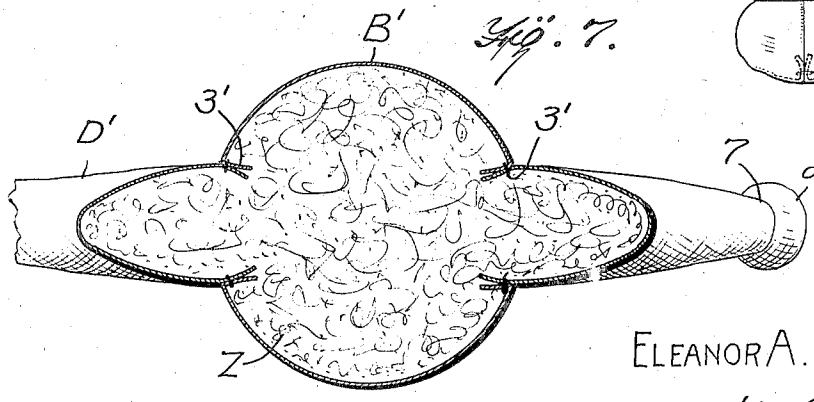


Fig. 7.



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DOLL AND METHOD OF MAKING SAME.

1,308,432. Specification of Letters Patent. Patented July 1, 1919.

Application filed June 12, 1918. Serial No. 239,568.

To all whom it may concern:

Be it known that I, ELEANOR A. LOCHRIDGE, a citizen of the United States, residing at Long Beach, in the county of Los Angeles and State of California, have invented certain new and useful Improvements in Dolls and Methods of Making Same, of which the following is a specification.

This invention relates to dolls, or the like, and particularly to dolls formed of soft material throughout. The object of the invention is to provide an improved cheap and satisfactory method for making attractive and durable dolls of this character.

In order that the invention may be clearly understood, reference is had to the accompanying drawings, forming part of this specification, and in which,

Figure 1 is a view showing the blank from which the doll parts are cut;

Fig. 2 shows the various sections of the blank in their partly finished and unassembled condition;

Fig. 3 shows the several parts of the doll assembled ready for stuffing;

Fig. 4 shows the doll as it appears after having been stuffed and partially finished;

Fig. 5 illustrates the appearance of the completely finished doll; and,

Figs. 6 and 7 are sectional views on an enlarged scale, taken respectively on the lines 6—6 and 7—7 of Fig. 5.

Referring to the drawings in detail, my improved doll is formed from sections of a tube of knitted webbing. This is preferably a seamless tubular knit fabric, but a tubular structure having a seam may also be employed.

I first cut off from the tube sections A, B, C, and D, suitable lengths for forming the cap, body, belt, and arms, respectively, of the doll. These parts may be of any desired color. The head portion of the doll, however, is preferably formed from a section E of tubing, either white or flesh-colored, although in some cases the section E may be cut from the same tube X as the other sections. In any event, the head section E, it will be noted, is of the same diameter as the other sections.

To form the body of the doll, the section B is split longitudinally at the bottom, as indicated at *b*, in Fig. 2, to form legs, and these are then sewed up by means of the seam 2, the corners being preferably clipped off, as shown. The body B′, thus formed, is provided near its top with slits 3, adapted to receive the arms.

The arms themselves are shown at D′, in Fig. 2. They are formed by cutting out the middle portion of the section D, as indicated at *d*, in Fig. 2, and sewing up the free edges by means of seams 4. It may be explained that in sewing the body and arm portions, as described, these portions are first turned wrongside out, sewed and then turned back on the right side so as to conceal the seams.

To the body B′ is next secured the head portion E. This is preferably done by turning the section E wrongside out, slipping it down over the body portion, sewing the upper edges of the head and body portion together, as indicated at 5, in Figs. 3 and 6, and then reversing the head portion so as to bring it right side out, into the position shown in Fig. 3, with the seam 5 on the inside. The arms D′ are then inserted into the slits 3 and secured by means of seams 3′ on the inside, as shown in detail in Fig. 7.

The doll parts thus assembled, as shown in Fig. 3, are now ready for stuffing.

Fig. 4 shows the doll after it has been stuffed with suitable soft, fibrous material, such as cotton, such material being inserted through the top of the head portion and worked down carefully into the arms and legs, as well as the body. After having been stuffed, the top of the head portion is roughly gathered and sewed up, as indicated at *e*, and a thread is then tied tightly around the seam 5, so as to contract the body at this point and form the neck, as indicated at 6, in Fig. 4. In this figure, the partially finished head is designated by E′.

Threads 7 are then tied tightly around the arms near their ends to form hands *d′*, and similar threads 8 are tied around the lower portions of the legs to form feet, *b′*.

The doll thus assembled is ready to receive the cap. This is formed from the section A, by clipping off the corners, as indicated at *a*, in Fig. 2, and sewing up one end with a seam 1, to form the cap A′. It will be understood that in this case also, the section A is reversed before being sewed and is then turned on the right side so as to bring the seam 1 on the inside, as shown in Fig. 6. A suitable tassel 9, of colored thread or the like, is preferably attached to the center of the cap, and the lower edges of the cap are then folded back upon themselves, as indi-

cated at a', in Fig. 6, to simulate what is known as a "stocking cap." The cap thus formed is applied over the head portion, as shown in Fig. 6, so as to conceal the roughly sewed top e thereof. The cap preferably comes down substantially to the neck at the rear and is elevated in front so as to leave a space below the edge thereof for the face.

The features of the face, as shown in Fig. 5, are preferably formed by embroidering with colored thread, and such features should include the simulation of a lock of hair projecting from the edge of the cap. The method of forming these features by embroidery is to be preferred to painting or printing, or to the use of beads for eyes, as has heretofore been proposed.

The only article of apparel with which the doll is equipped, in addition to the cap, is a belt or band C'. This is formed from the section C, shown in Fig. 2, by folding in both edges thereof, as indicated at c in Fig. 6, and applying such folded band around the body of the doll adjacent the top of the leg portions. The belt is secured in position by means of suitable stitches. This belt or band, being formed of the same material as the body portion of the doll, simulates in conjunction with such body portion, a sweater with turned up lower edge. The effect is the same as if a complete sweater section the full length of the body were employed, and the use of only the band, as shown, results in a great saving of material. A tie 10 may, if desired, be applied around the neck.

It will thus be seen that I have provided a very cheap, washable, serviceable doll, which is especially desirable for infants' use as there are no parts that can become detached, and no paint, ink, or the like, which might rub off.

What I claim is:

1. A doll formed of soft material throughout and comprising head and body portions of knit webbing, and a belt or band of folded webbing similar to that of the body portion folded along the bottom edge and encircling said body portion to simulate the upturned edge of a sweater, said band being secured to and in direct contact with the webbing of such body portion.

2. The herein described method of making a doll which consists in the following steps; first, providing sections of tubular knit webbing of such lengths as to form the cap, head, and body portions, all of said sections being of the same diameter; second, cutting and sewing one end of said body section to form legs; third, attaching the head section to the other end of said body section; fourth, stuffing the head, body, and legs with suitable soft fibrous material, and roughly sewing up the upper end of the head section; fifth, tying a thread tightly around the junction of head and body portions to form a neck; sixth, sewing up one end of the cap section, turning the same, folding back the free edges thereof, and securing the cap thus formed upon the head portion in such a manner as to conceal the roughly sewed up top thereof, and seventh, providing features upon the front of the head portion below the cap to form a face.

3. The hereindescribed method of making a doll from a tube of knit webbing which consists in the following steps; first, cutting the tube into sections suitable to form the body, arms and belt; second, cutting and sewing the bottom part of the body section to form legs; third, turning the body and legs so that the seams are inside; fourth, taking a tubular section of webbing of the same diameter and of the proper length to form a head and sewing its edge to the upper edge of the body; fifth, forming arms by cutting and sewing the arm section of tubing, and reversing the arms thus formed; sixth, forming slits in the upper part of the body portion and attaching the arms thereto; seventh, stuffing the body, arms, legs and head with soft, fibrous material and sewing up the top of the head portion; eighth, tying a thread tightly around the point of juncture of head and body to form the neck; and ninth, folding the belt section to simulate the edge of a sweater and securing it around the body.

In testimony whereof I affix my signature.

ELEANOR A. LOCHRIDGE.