

Sept. 23, 1924.

1,509,604

L. A. MYERS

DOLL

Filed Nov. 27, 1922

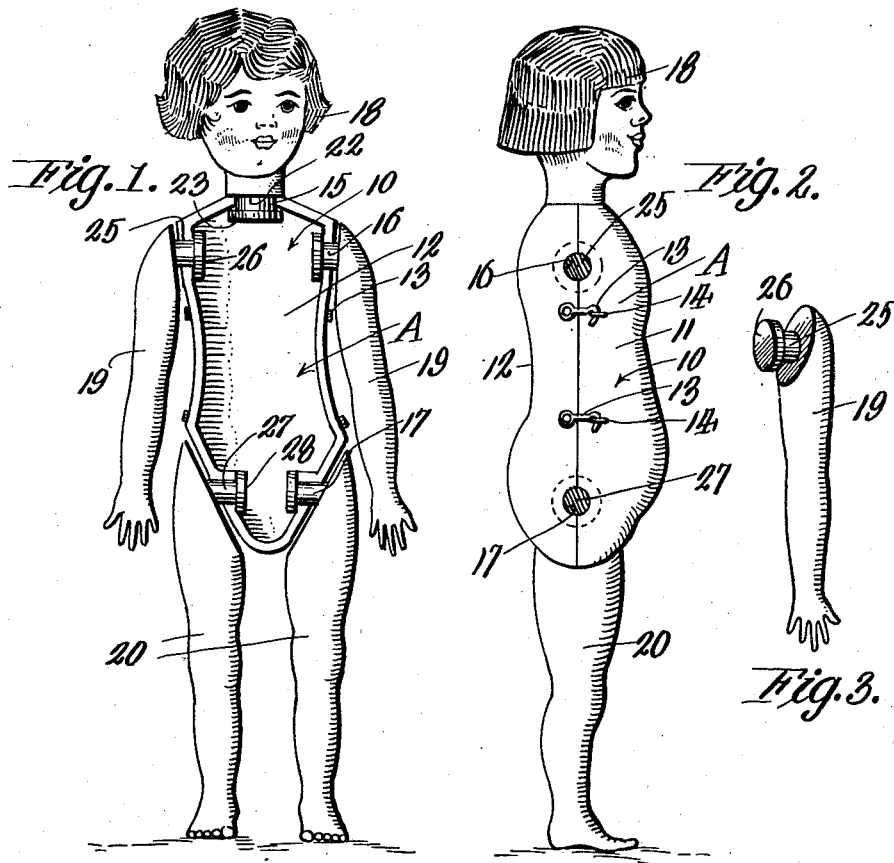
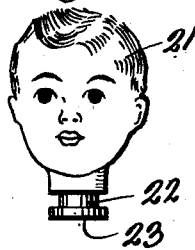


Fig. 4.

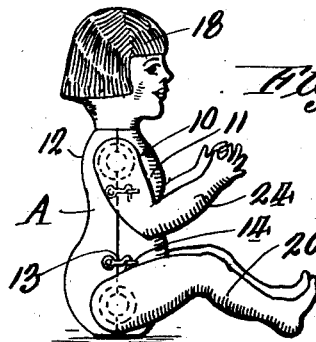


WITNESSES

Guy M. Spring

Henry D. Wright

Fig. 5.



Inventor

LULU A. MYERS

By

Richard B. Owen... Attorney

# UNITED STATES PATENT OFFICE.

LULU A. MYERS, OF BAILEY, COLORADO.

DOLL.

Application filed November 27, 1922. Serial No. 603,665.

*To all whom it may concern:*

Be it known that I, LULU A. MYERS, a citizen of the United States, residing at Bailey, in the county of Park and State of Colorado, have invented certain new and useful Improvements in a Doll, of which the following is a specification.

This invention relates to toys and the primary object of the invention is to provide a novel doll in which the head, arms and legs are freely removable, so that other forms of heads, arms and legs can be associated with the body of the doll, thereby forming a doll in which the posture thereof can be changed at will be interchanging the different forms of arms and legs, thus providing a toy which will be particularly attractive to children.

Another object of the invention is to provide a doll of this character embodying a head, arms and legs provided with bearing spindles and a sectional body for receiving said spindles, the sections of the body being detachably connected together to permit the free removal of the head, arms and legs from the body when desired or to permit other forms of heads, arms and legs to be associated therewith.

A still further object of the invention is to provide an improved doll of the above character, which will be durable and efficient in use, one which will be simple and cheap to manufacture, and one which can be placed upon the market at a reasonable cost.

With these and other objects in view the invention consists in the novel construction, arrangement and formation of parts, as will be hereinafter more specifically described, claimed and illustrated in the accompanying drawings, forming a part thereof, in which drawings:

Figure 1 is a front elevation of the improved doll with the front section of the body removed, to illustrate the means of connecting the head, the arms and the legs with the body.

Figure 2 is a longitudinally sectional view through the doll showing the body of the doll in side elevation.

Figure 3 is a perspective view of one form of arm which can be used with the body of the doll.

Figure 4 is an elevation of another form of head which can be used with the body of the doll.

Figure 5 is a side elevation of the doll showing different types of arms and legs associated with the body thereof.

Referring to the drawings in detail, wherein similar reference characters designate corresponding parts throughout the several views the letter A generally indicates the improved doll which includes a body or trunk portion 10. This body or trunk portion 10 is divided longitudinally to provide a front section 11 and a rear section 12. The body 11 is of a hollow or shell formation for a purpose, which will be hereinafter more fully understood as the description proceeds.

The sections 11 and 12 are adapted to be detachably connected together by some means which will permit of the quick separation and connection of the sections and as shown, the section 12 is provided with pivoted hooks 13 which are adapted to engage eyes 14 carried by the section 11. The sections 11 and 12 at their upper ends are provided with mating semi-circular bearing recesses 15 and at the side edges adjacent to their upper ends with semi-circular mating bearing notches or recesses 16 and at their side edges adjacent to the lower end of the body with semi-circular mating bearing recesses 17.

When the sections 11 and 12 are placed together these semi-circular recesses form true circular bearing openings for the reception of the head member 18, the arms 19 and the legs 20.

The head 18 is constructed to simulate a girl and it is to be understood that a head 21 can be substituted therefor which is constructed to simulate the appearance of a boy. Of course other forms of heads other than the heads 18 and 21 can be associated with the body 10. The neck portions of the heads 18 and 21 are provided with depending axially disposed cylindrical bearing members 22 which are adapted to rotatably fit within the bearing recesses 15. In order to prevent the removal of the heads when the same are associated with the body 10 when the sections 11 and 12 are connected together, the lower ends of the members 22 are provided with disk-shaped enlargements or collars 23 which are adapted to engage the inner surface of the body 10.

The arms 19 are shown to hang straight down, but it is to be understood that other forms of arms can be substituted therefor

and in Figure 5 of the drawing I have shown arms 24 which are bent at the elbow portions thereof. The upper terminals of both forms of arms 19 and 20 are provided  
5 with inwardly extending cylindrical bearing members 25 which are adapted to be placed in semi-circular bearing recesses 16 forming the sections 11 and 12 and these members also carry disk-shaped enlargements or col-  
10 lars 26 which prevent the accidental removal of the arms when the sections 11 and 12 of the body 10 are connected together.

The legs 20 are shown to be of a straight type and thus when these legs are associated  
15 with the doll the same will be given a standing posture, but it is to be understood that other forms of legs may be substituted therefor such as the legs 26 as shown in Figure 5 of the drawing. The legs 26 are bent at  
20 the knees as clearly shown in Figure 5 of the drawing and thus when these legs are associated with the doll body the doll would be given a sitting posture.

The upper terminals of the legs 20 and 26  
25 are provided with inwardly extending cylindrical bearing members which are adapted to rotatably fit in the semi-cylindrical bearing openings 17 of the sections 11 and 12 and these members are provided with stop  
30 flanges or collars 28 to prevent the accidental displacement thereof from the body 10 when the sections are connected together.

In use of the improved doll the sections 11 and 12 are disconnected by operating the  
35 latches 13 after which the desired legs, arms and head members are associated with the body and the sections are then placed together and the latches 13 moved into engagement with the eyes 14. It can be seen that the head  
40 18 is free to rotate and the arms and leg members free to swing on the body.

By this construction a doll will be presented, which will be particularly attractive  
45 to children in that the different arms, leg and head members can be interchanged when so desired.

The doll can be made of any desired material such as wood, metal, or papier mâché. Changes in details may be made without

departing from the spirit or scope of this 50 invention.

What I claim as new is:

1. A doll comprising a hollow body including a front and a back section, means for detachably connecting the sections of the 55 body together, the sections having mating bearing recesses formed in the meeting edges thereof, a head, arms and legs associated with the body, and inwardly extending bearing members carried by the head, arms and  
60 legs for fitting in said bearing recesses.

2. A doll comprising a body including a front section and a rear section, the meeting edges of the sections being provided with mating bearing recesses, means for detach- 65 ably connecting the sections of the body together, a head, arms and legs for the body, inwardly extending cylindrical bearing members carried by the head, arms and legs for fitting in said bearing recesses, and disk- 70 shaped enlargements formed on the inner ends of the bearing members for preventing the accidental displacement of the head, arms and legs from the body when the sections thereof are connected together. 75

3. As a new article of manufacture, a doll comprising a hollow body and removable and interchangeable arms, legs and a head for the body, the body including a front and a back section, means detachably connecting 80 the sections together, the sections having mating bearing recesses formed in the meeting edges thereof, bearing pins carried by the head, arms and legs arranged to fit in said bearing recesses, and enlargements formed 85 on said bearing pins having a greater diameter than the bearing recesses for engaging the inner surface of the hollow body for preventing the accidental displacement of the head, arms and legs upon the body when 90 the sections thereof are detachably connected together.

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

Mrs. LULU A. MYERS.

Witnesses:

Mrs. ADA O'CONNOR,  
C. C. ROYAL.