June 7, 1955

V. L. GRADWOHL

2,709,870

HAND PUPPET DOLL

Filed Dec. 7, 1951

Fig 1.

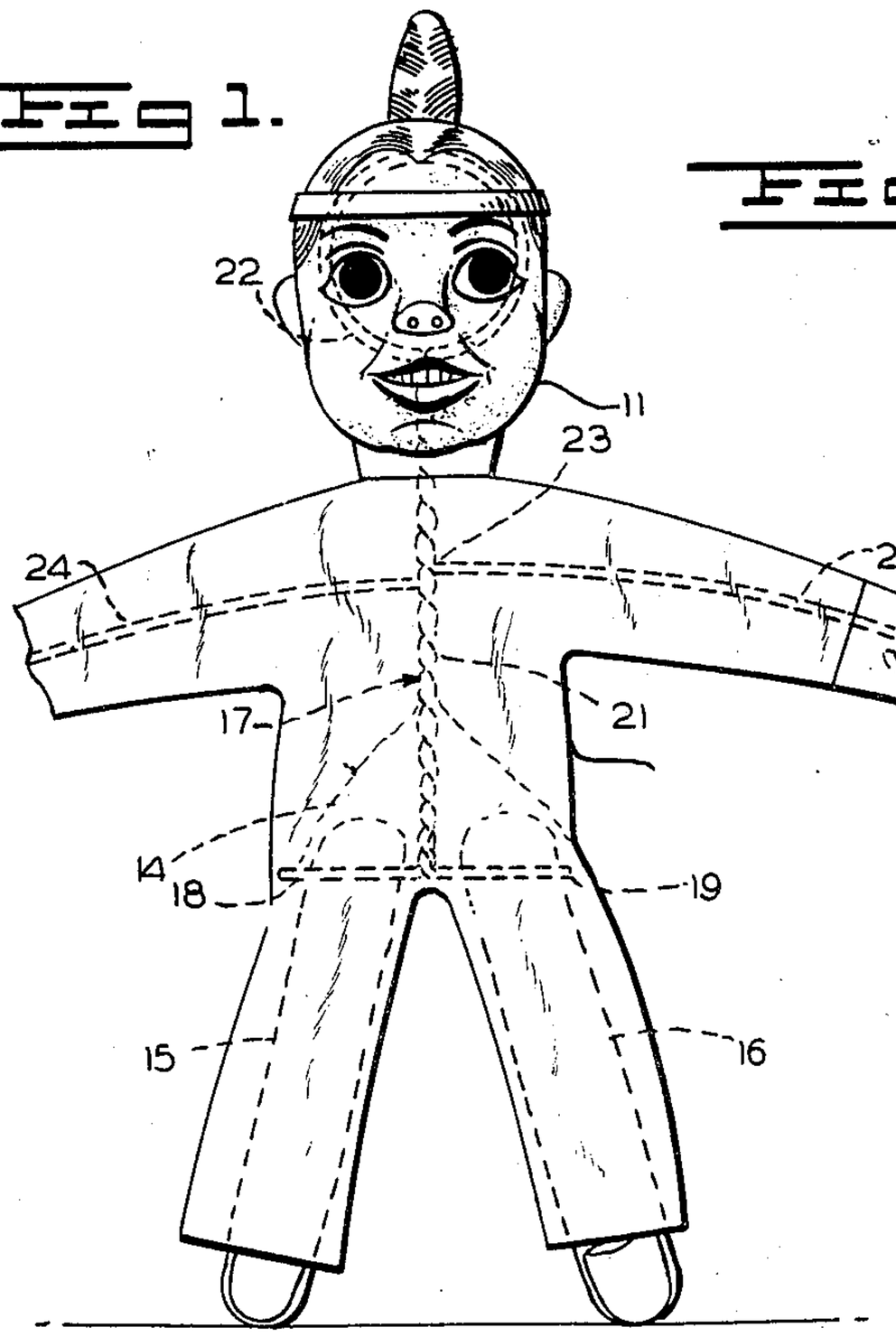


Fig 2.

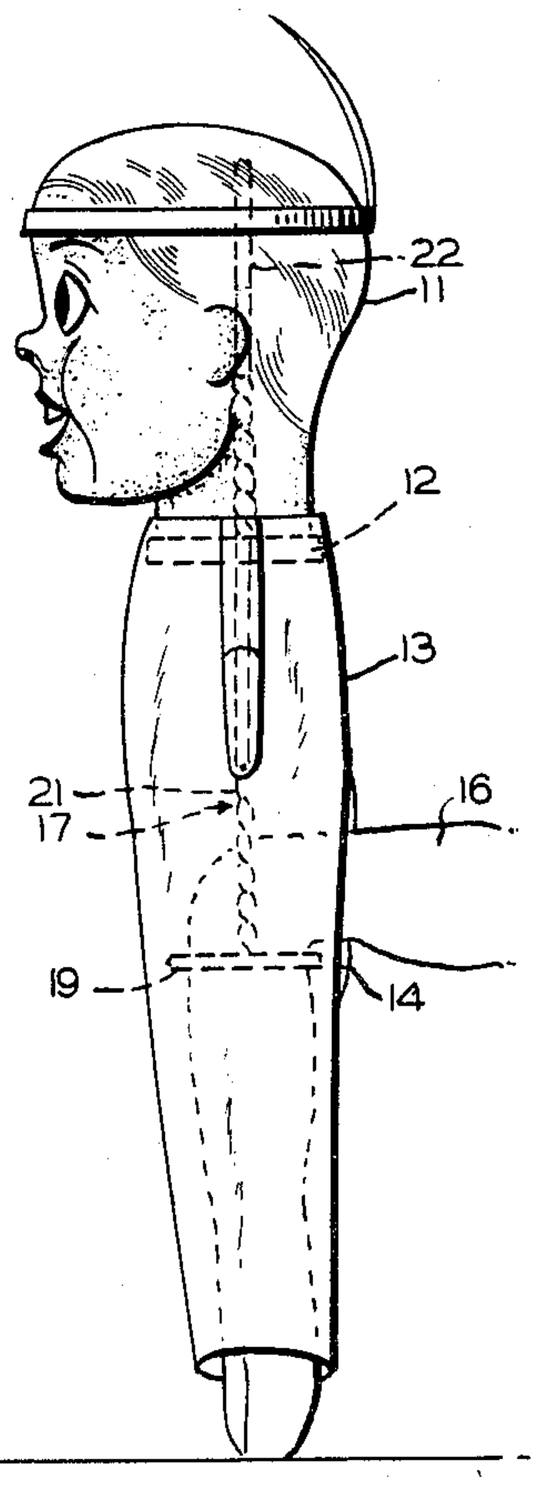


Fig 3.

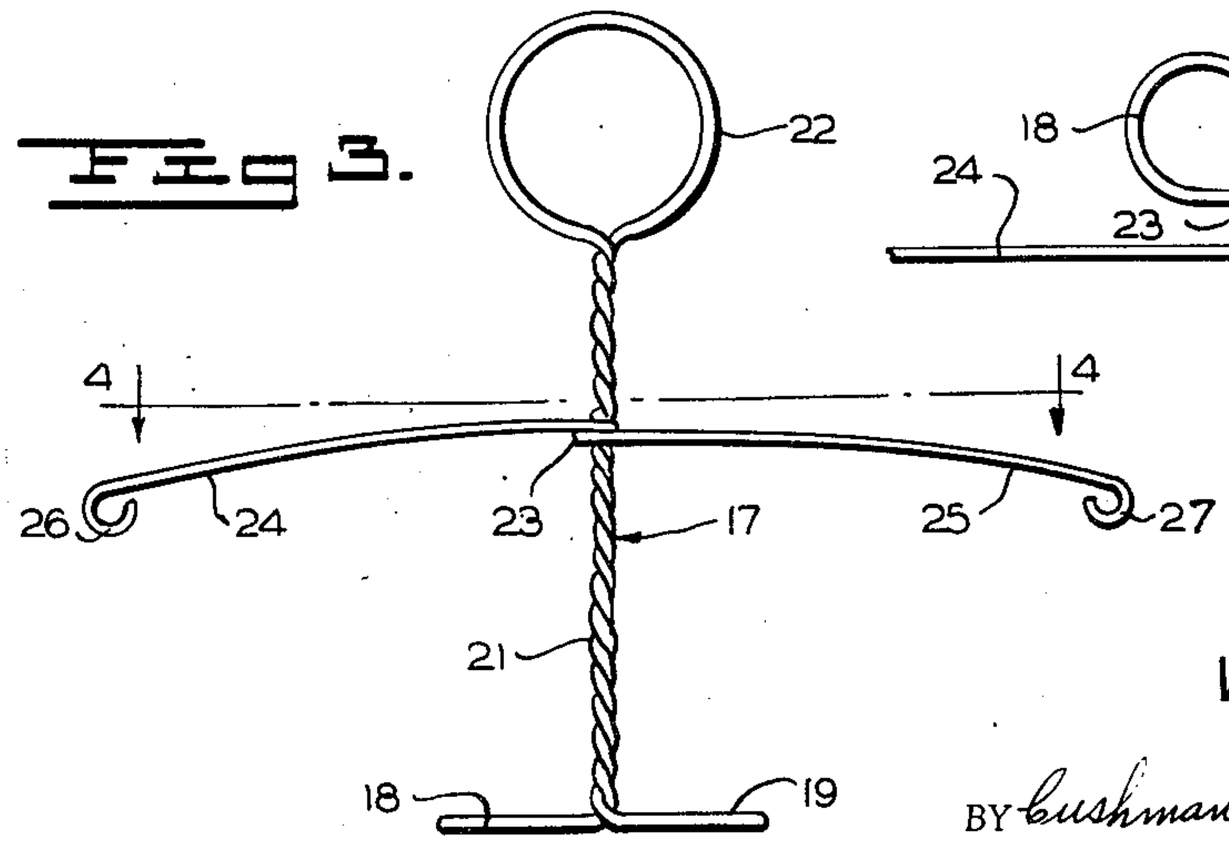
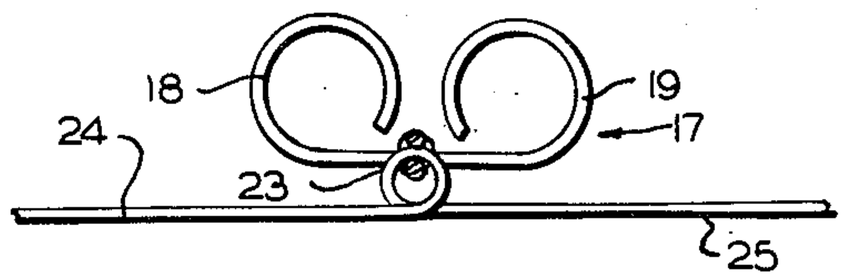


Fig 4.



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2,709,870

Patented June 7, 1955

2,709,870

HAND PUPPET DOLL

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Application December 7, 1951, Serial No. 260,355

3 Claims. (Cl. 46—154)

This invention relates to new and useful improvements in puppet dolls. More particularly, the present invention relates to the combination of a puppet doll having a head portion composed of a deformable material such, for example, as a vinyl plastic material or rubber, a body portion composed of miniature wearing apparel, and a control member, which is disposed partly within the body portion and partly within the head portion to provide a means by which the puppet doll may be manipulated so that it appears to perform certain movements such as walking, skating and dancing, for example.

One of the objects of the present invention resides in the provision of a hollow puppet doll having a rigid control member extending through the hollow body portion into the head portion and into each hollow arm of the doll for providing means for manipulating the doll.

Another object of the present invention is the provision of a control member for a hollow puppet doll which has an enlarged upper portion adapted to be received by the hollow head portion of the doll, laterally extending arm portions adapted to be respectively received by the hollow arm portions of the doll and means for gripping the control member at the lower end thereof.

An additional object of the invention is the provision of a hollow puppet doll having a control member associated therewith and disposed inside the doll, the control member including finger gripping means disposed adjacent an opening in the backside of the hollow body portion whereby the fingers of the operator may be inserted through the opening into the finger gripping means of the control member.

Still another object of the present invention is the provision of a hollow puppet doll having a control member disposed within the doll and including means through which two fingers of the operator may be inserted from the backside of the doll to thereby simulate the legs of the puppet and also control the actions of the puppet.

Other objects and many of the attendant advantages of this invention will be readily appreciated as the same becomes better understood by reference to the following detailed description, when considered in connection with the accompanying drawing, wherein:

Figure 1 is a front elevation view with the control member shown in broken lines;

Figure 2 is a side elevation view of the puppet doll of the present invention.

Figure 3 is a front elevation view of the control member for the puppet doll of my invention; and

Figure 4 is a detail view of the connecting joint between the longitudinal portion of the control member and the laterally extending arm portions thereof as viewed from line 4—4 in Figure 3.

Referring now to the drawing and more particularly to Figures 1, 2 and 3 thereof, it will be observed that the head portion **11** of the doll is provided with a laterally extending shoulder **12** near the base thereof. An aperture, not shown, is provided in the bottom side of shoulder **12** whereby the interior portions of the hollow head **11** of the

doll will be in communication with the interior portions of the hollow body portion **13** of the doll. The body portion **13** of the doll which is made of cloth resembling wearing apparel is secured to the head portion **11** by wrapping the upper end of the body portion around the lower extremity of the head portion and above the laterally extending shoulder **12** and then securing the cloth to the head portion **11** in this position by means of glue, staples, thread or any other conventional means found suitable for the purpose. The back side of the body portion of the doll is provided with a longitudinally extending opening as is indicated by numeral **14** for the purpose of providing an aperture through which two fingers **15** and **16** of the operator's hand may be inserted for actuating the control member, generally designated by numeral **17**.

The novel control member **17** of the present invention includes a pair of looped wire portions **18** and **19** adapted to receive two fingers of the operator's hand when inserted through the opening **14** in the backside of the body portion **13** of the doll. The control member further includes a longitudinally extending twisted wire member **21**, the upper end portion of which is looped as at **22** and is disposed within the hollow head portion **11** of the doll. Intermediate the ends of the control member **17** is a connecting joint **23**, best viewed in Figure 4, which serves to connect the longitudinally extending member **21** of the control member to the laterally extending arm portions **24** and **25**, respectively, thereof. This joint **23** is formed by loosely threading the intermediate portion of the laterally extending arm members **24** and **25** between adjacent strands of the longitudinally extending twisted wire member **21** in such a manner that the laterally extending arm members **24** and **25** may be partially rotated in three mutually perpendicular directions without binding.

The outer end extremities of the laterally extending arm members **24** and **25** are respectively provided with looped portions **26** and **27** for the purpose of filling out the hollow end portions **28** of the main body **13**.

It is pointed out that the control member is made of only two pieces, namely the looped portions **18** and **19**, the longitudinally extending twisted wire members **21**, and the loop **22** being of a single piece of wire formed in such a manner as to produce the configurations hereinbefore mentioned, and, in addition, the laterally extending arm portions **24** and **25** being formed from another single piece of wire twisted to produce the configurations illustrated in the drawing.

It will be readily understood by those skilled in the art that the control member instead of being made of wire may be cardboard or any other rigid material found suitable for the purpose.

Briefly stated in summary the puppet doll of the instant invention includes a wire control member, one end of which holds the head of the doll erect, and the other end of which has looped portions through which fingers of the operator may be inserted to simulate the legs of the puppet. The puppet fits on the back of the hand as is illustrated in the drawing, and, through manipulation of the fingers, it appears to execute certain movements, such as walking, skating, and dancing, for example.

While the invention has been described with reference to a certain preferred example thereof which gives satisfactory results, it will be understood by those skilled in the art to which the invention pertains that various changes and modifications may be made without departing from the spirit and scope of the invention, and it is my intention, therefore, to cover in the appended claims all such changes and modifications.

I claim:

1. A hand operated puppet doll comprising a hollow head portion, an enlarged annular shoulder disposed at the lower end of said head portion, a hollow body por-

tion secured to said head portion above said shoulder, said shoulder being provided with an aperture to provide communication between said body and said head portions, a pair of hollow arm portions, a substantially rigid longitudinal member disposed within and extending a substantial length of said body portion and into said head portion, said hollow body portion having an aperture provided therein, a pair of laterally spaced finger receiving loop elements at one end of said longitudinal member and disposed adjacent said last mentioned aperture whereby two fingers of the operator may be inserted through said last mentioned aperture and into said loop elements to thereby actuate the longitudinal member and to simulate the legs of the puppet doll, said longitudinal member further including a loop element at the other end thereof for insertion into said hollow head portion, a joint intermediate said ends of said longitudinal member, and laterally extending arm portions carried by said joint and having looped ends insertable into said hollow arm portions.

2. A hand puppet comprising a head portion and a hollow body portion, a single control member disposed longitudinally within said body portion with one end of

said control member extending into said head portion, laterally spaced finger engagement loops at the other end of said control member, and a laterally extending arm member pivotally engaged to said control member between its ends for partial rotation in three mutually perpendicular directions.

3. A hand puppet as defined in claim 2, wherein said control member includes a central section of twisted wire, and said arm member includes a loop portion intermediate the ends thereof, said loop portion being loosely disposed between locally spaced strands of said twisted wire section.

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