

May 1, 1928.

H. S. HITCHCOCK

1,668,204

DOLL

Filed Sept. 23, 1924

2 Sheets-Sheet 1

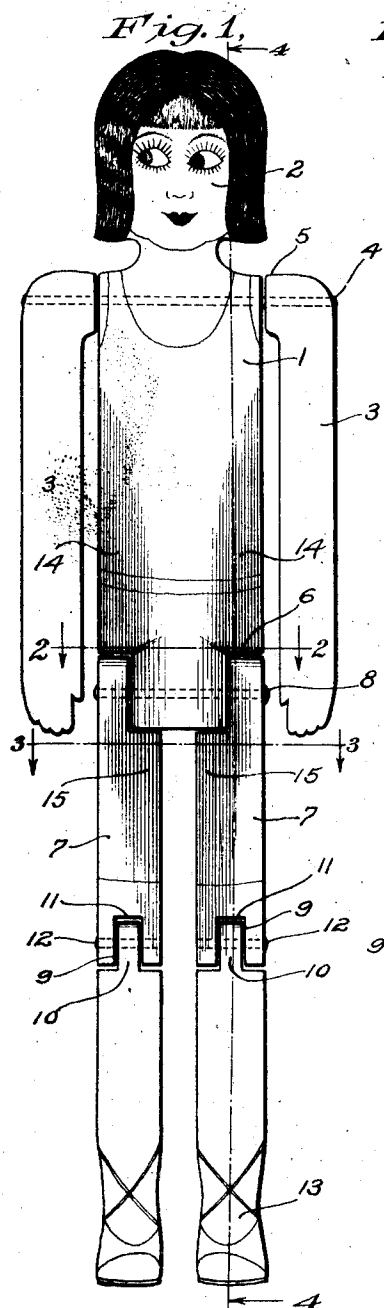
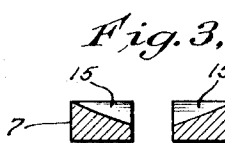
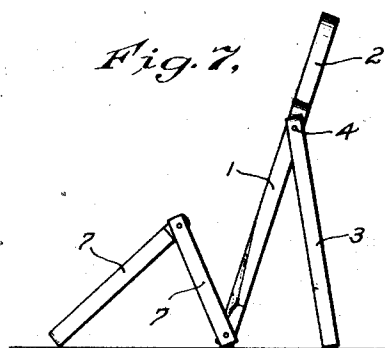
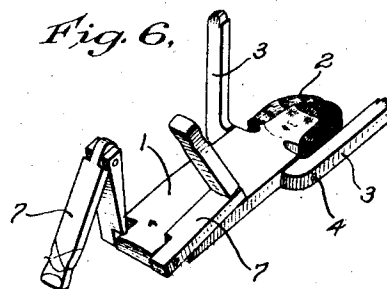
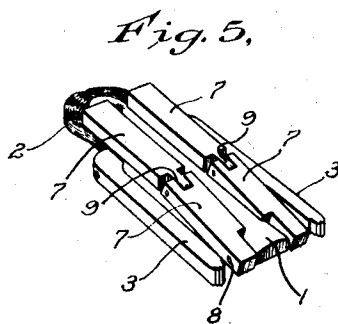
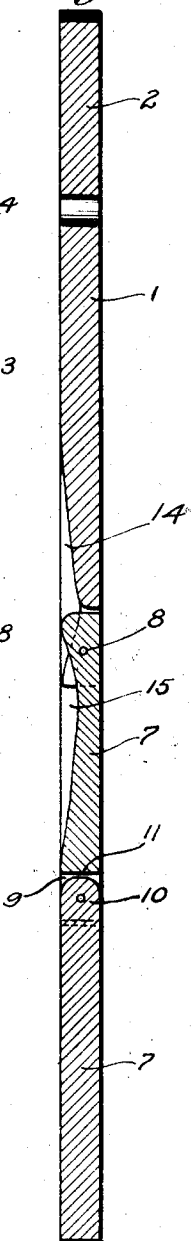


Fig. 4.



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Fig. 8.

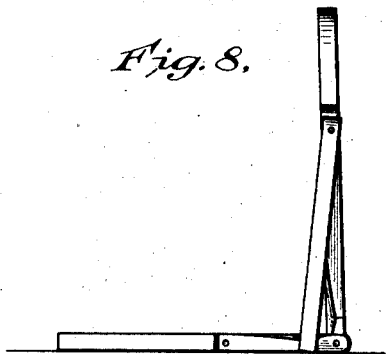


Fig. 9.

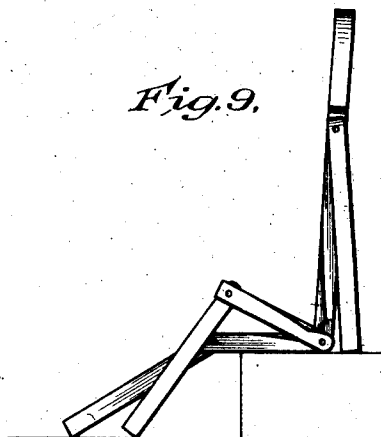


Fig. 10.

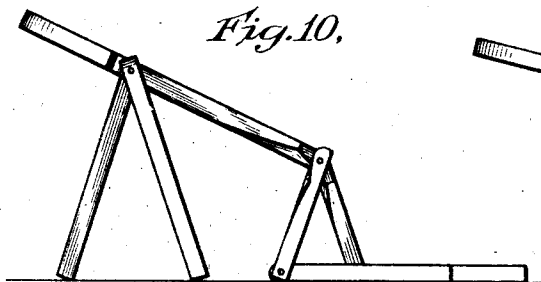


Fig. 11.

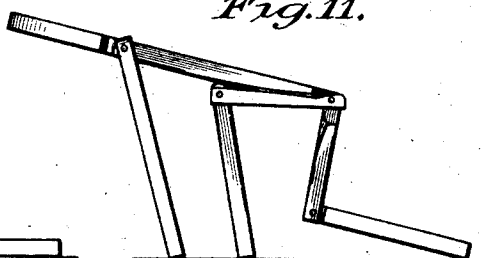


Fig. 12.

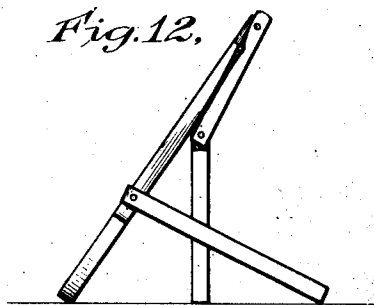
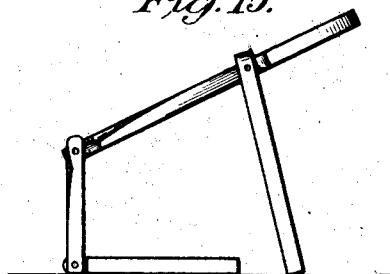


Fig. 13.



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HELEN SARGENT HITCHCOCK, OF NEW YORK, N. Y.

DOLL.

Application filed September 23, 1924. Serial No. 739,324.

This invention relates to dolls, and has for an object to provide an improved doll which may be made from sheet material, which will be exceptionally simple, attractive and inexpensive, and which is capable of assuming a large number of grotesque and amusing postures. A further object is to provide an improved doll having limbs articulately connected to the trunk, in which the friction in the articulated connections may be increased as desired, and to compensate for wear. Various other objects and advantages will appear from the following description of an embodiment of the invention, and the novel features will be particularly pointed out in the accompanying appended claim.

In the accompanying drawings, Figure 1 is a front elevation of a doll constructed in accordance with the invention.

Fig. 2 is a transverse section through the same, the section being taken approximately along the line 2—2 of Fig. 1.

Fig. 3 is a transverse section through the lower limbs, the section being taken substantially along the line 3—3 of Fig. 1.

Fig. 4 is a longitudinal sectional elevation of the same, the section being taken substantially along the line 4—4 of Fig. 1.

Fig. 5 is a perspective of the same in folded position for shipping.

Fig. 6 is a perspective of the doll in one of the amusing postures in which it may be placed.

Fig. 7 is a side elevation of the doll in another posture, and

Figs. 8 to 13 are side elevations of the doll in a plurality of other amusing postures in which it may be placed.

In the illustrated embodiment of the invention, and referring particularly to Figs. 1 to 4, the body of the doll is formed from sheet material, the trunk with the head extension and the limbs being formed in the desired outline to simulate the respective parts of the body. The trunk 1 is provided with the head extension 2 having the facial features and hair printed, painted or otherwise designated thereon, so as to have either a grotesque or lifelike appearance. The arms 3 are unjointed throughout their length and are pivoted to the trunk at a point representing the shoulders by a common rivet pin 4 which passes through the trunk and through the shoulder portions of the arms. The arms may have slight angular ends 5 at the shoulders to provide a slight

clearance between the sides of the arms and the trunk, and more clearly to designate the shoulders of the doll. The lower end of the trunk is notched at each side, as at 6, and the lower limbs 7 are pivotally connected to the lower end of the trunk in these notches 6 in any suitable manner such as by a common pivot pin or rivet 8, which passes through the lower end of the trunk and the two lower limbs. The lower limbs 7 are provided intermediate their ends with an articulated joint 9 representing the knees of the doll. These knee joints 9 may be of any suitable kind, but preferably the part of each leg below the knee joint may have a tongue 10 which extends into the notch 11 in the upper part of each leg, the two being hinged together where over-running by a rivet or pin 12 passing through both of the over-running parts. The lower ends of the lower limbs may be provided with representations 13 to simulate the shoes of the doll. The trunk and limbs may also have painted, printed or otherwise indicated therein any design or type of dress, so as to give various effects. If desired, of course such a doll may be provided with the usual dolls' clothes.

The lower end of the trunk at the sides may be cut away or bevelled off as at 14 in line with the lower limbs for a short distance from the lower end, and decreasing in depth upwardly from the lower end of the trunk, and the upper ends of the lower limbs are also bevelled off as at 15 so that when the lower limbs are swung upwardly against the trunk, as in Fig. 5, the lower limbs may fit more closely against the trunk. In this manner the doll may be folded into a very compact condition for shipping purposes, in which there is little danger of the various parts becoming broken.

With this construction the arms and lower limbs may be swung into the various positions relatively to one another and to the trunk, so as to represent various postures, and the pivot pins 4, 8 and 12 may be tightened so as to create sufficient friction between the elements and the trunk, or between the sections of the lower limbs, to hold the elements in various adjusted positions. In Fig. 6 the doll is shown in one posture in which it may be placed, and in Fig. 7 the doll is shown in another position. The arms 3 are preferably made long enough to depend below the lower end of the trunk slightly, so that when the doll is placed in a sitting pos-

ture upon a surface as shown best in Figs. 8 and 9, the arms will serve as props between the surface of the trunk to hold the trunk in a nearly upright position, thereby simulating a remarkably life-like, natural posture. This position is shown also in Fig. 7.

In Figs. 8 to 13 the doll is shown in various different postures which are merely examples of the large number of postures in which the doll may be placed to the amusement and education of the children using the same. Various other postures will suggest themselves to children as well as adults.

The doll may be inexpensively made by stamping the various parts from stock sheet material, such as wood fibre or other inexpensive materials, or the various parts may be molded to the desired shapes from any of the various moldable compositions, so that a very simple and inexpensive doll may be produced, which has capabilities of extensive amusement for children using the same.

It will be understood that various changes in the details which have been herein described and illustrated in order that the nature of the invention may be fully explained, may be made by those skilled in the art, within the principle and scope of the invention as expressed in the appended claim.

I claim:

A doll comprising relatively flat strips of material formed into outlines suggestively imitating the trunk and limbs of a body, said limbs lying in the plane of the trunk and being articulately connected to the trunk, and the surfaces of the trunk and of the lower limbs which contact when the lower limbs are brought against the front of the trunk being relatively recessed to permit closer folding relations therebetween.

In testimony whereof I have hereunto set my hand.

HELEN SARGENT HITCHCOCK.