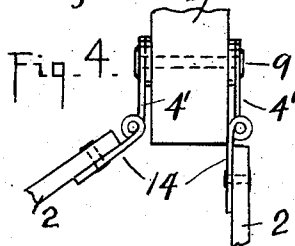
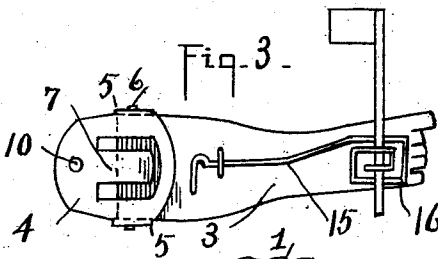
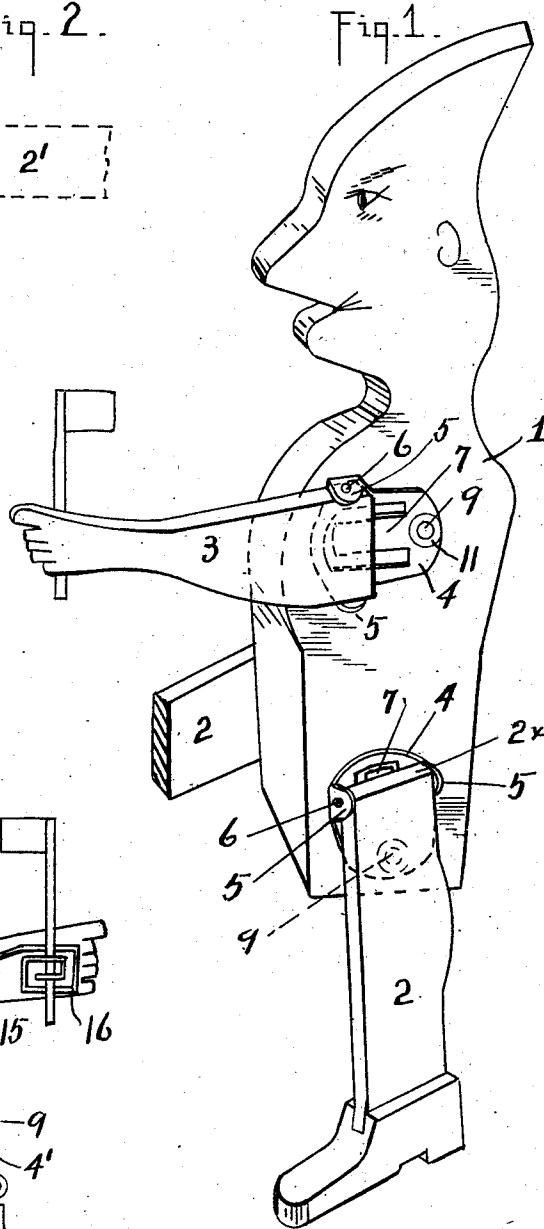
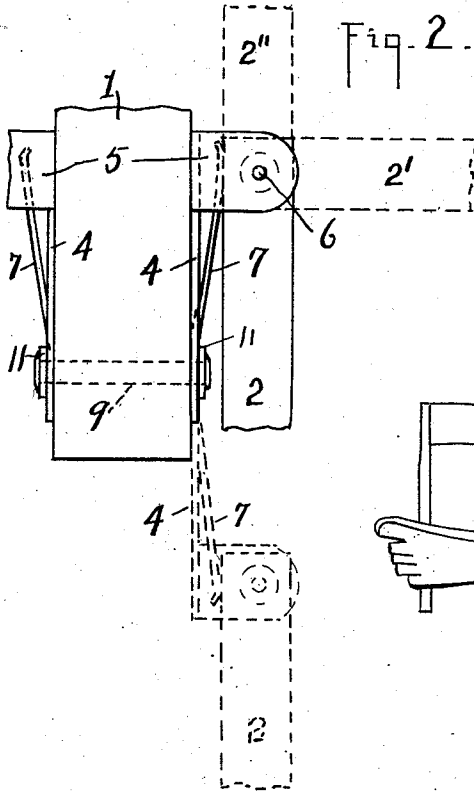


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TOY FIGURE.

APPLICATION FILED OCT. 10, 1908. RENEWED APR. 18, 1910.

973,485.

Patented Oct. 25, 1910.



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Witnesses

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# UNITED STATES PATENT OFFICE.

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## TOY FIGURE.

973,485.

Specification of Letters Patent.

Patented Oct. 25, 1910.

Application filed October 10, 1908, Serial No. 457,122. Renewed April 18, 1910. Serial No. 556,239.

*To all whom it may concern:*

Be it known that I, CHARLES JAMES DORSEY, a resident of Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Toy Figures; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same.

This invention relates to toy figures and to that class in which the limbs are adjustably fixed to the body.

The invention has for its object to facilitate the assemblage of the limbs and body; and to so connect them that they may be given various relative positions, and will maintain the same.

The invention consists in the construction hereinafter described and particularly pointed out.

In the accompanying drawing illustrating the invention and forming part of the specification,—

Figure 1 is a perspective view of a toy figure with limbs attached according to this improvement; Fig. 2 is a partial front view of the same on a larger scale; Fig. 3 is a side view of an arm detached looking at the inner or body side of the arm and showing a holder thereon; Fig. 4 is a partial front view showing a modification.

Numeral 1 denotes the body and head of a toy figure and preferably sawed from wood, the sides of the figure being approximately parallel, and the front and rear edges suitably curved or shaped.

2 denotes legs, and 3 arms, which have a hinged connection and also mediately a second pivotal connection with said body.

Preferably the limbs (arms and legs or either) are connected to the body by means of hinges each comprising a brass, steel or any suitable plate 4, having two right angle ears 5 forming a bearing for the hinge pin 6. The limb to be supported preferably forms the second leaf of the hinge, as shown in Figs. 1 and 2.

The plate 4 has integrally formed there-with by slitting or cutting away part of the plate a tongue or spring 7 (one or more) extending inwardly slightly, that is, in the same direction as the ears 5, the end of the spring being adapted to press against one or

the other side of a limb, or against its flat end 2', according to the position of the limb, and by its pressure on the adjusted limb hold it in position.

The construction is the same on both sides of the body and opposite hinge plates for the arms, and for the legs, are connected to the body by transverse bolts or rivets 9 which extend through holes 10 in the plates and through the body, and preferably through washers 11, the rivet ends being upset to hold the parts snugly together but so as to allow plates 4 to turn on the rivet.

In Fig. 2 different positions which may be given a leg by use of the hinge are shown. Leg 2 is shown in full lines down, as in Fig. 1; at 2' the leg is out at right angles to the body, the spring 7 pressing on its flat end; and at 2'' the leg extends up the spring then pressing against the side opposite to that in the full line position.

By turning the leg on rivet 9 it may be given different angular positions with respect to the body in a plane at right angles to movement of the leg on pin 6. The movement on rivet 9 also changes the apparent length of the leg, as clearly indicated in Fig. 2.

Some of the advantages of the invention may be obtained without the use of an integral spring, or even without any spring 7.

In Fig. 4 the hinge plates 4' are connected to the body 1 as above described, except that washers are shown under the plates, and legs 2 are not directly connected to said plate, but are connected mediately by other hinge plates 14. The legs here shown elongated can be shortened by swinging plates 4' upward on rivet 9. In this form of the device the hinge is made so that it will move with considerable friction to hold the leg in adjusted position without a spring 7.

On the inner or body side of the arms or either of them is attached an article holder. This preferably comprises a spring wire 15 secured to the arm near one end, extending to the opposite end and terminating in a coiled holding part 16 adapted to hold one or more small articles.

The hinge plate 4 with spring 7 can be used in other situations where a member is to be supported in one or another position in a manner analogous to the described toy figure limbs.

Having thus described the invention what I claim is:

1. In a toy figure, a flat body and a flat limb having a leaf hinge connection with the body, the limb comprising one leaf of the hinge, the other leaf being pivoted to the body and to the limb.

2. In a toy figure comprising a body and limbs, the plates 4 provided with ears 5, the bolt 9 securing the plates rotatably to the body, and limbs rotatably supported one between the ears of each plate whereby the limb may be adjusted to any angle with respect to the body and whereby also it may be lengthened.

3. In a toy figure comprising a body and limbs, a plate 4 provided with ears 5, a bolt 9 securing the plates to the body, and limbs supported one between the ears of each plate, each plate carrying a spring pressing against its limb to hold it in adjusted position.

4. In a toy or the like, a body, a movable member, a plate 4 provided with ears 5 to which said member is pivoted, a pivot connecting the plate to the body, and said plate

having an integral spring pressing against the movable member to hold it in either of several adjusted positions.

5. In a toy or the like, a body, a movable member, a hinge plate connecting the body and movable member, said plate being slitted to form an integral spring tongue cooperating with the movable member, as set forth.

6. In a toy, the combination of the body, a limb, and an article holder fixed to the limb at one end and having at its free end a coil to hold articles.

7. In a toy, a body, a limb movably connected to said body, and a spring article holder secured to such limb toward one end and extending toward the other end, as set forth.

In testimony whereof, I have signed this specification in the presence of two subscribing witnesses.

CHARLES JAMES DORSEY.

Witnesses:

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A. V. JAVINS.