E. J. READ.

JOINTED TOY FIGURE.

APPLICATION FILED JAN. 19, 1916.

1,211,232. Patented Jan. 2, 1917.

Fig. 1.

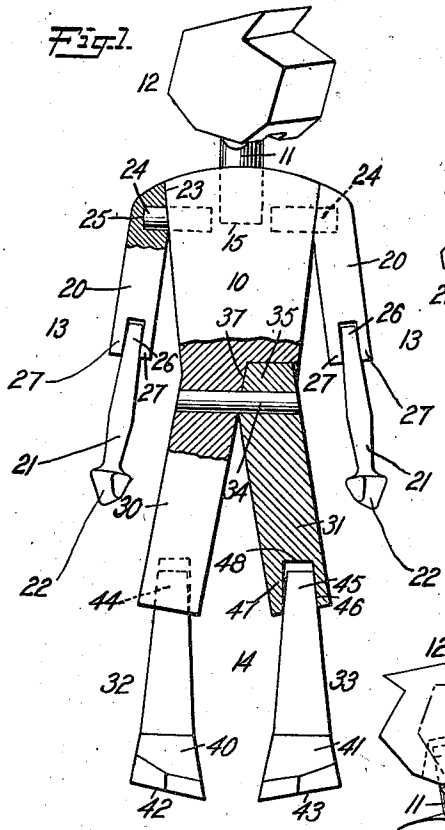


Fig. 2.

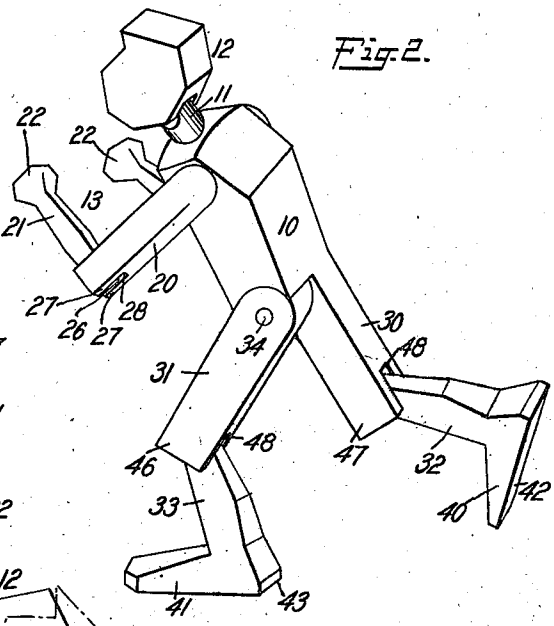


Fig. 3.

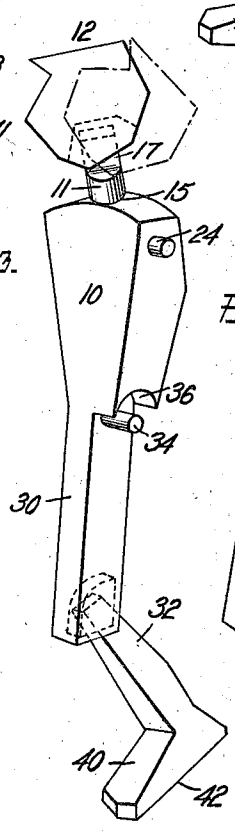


Fig. 4.

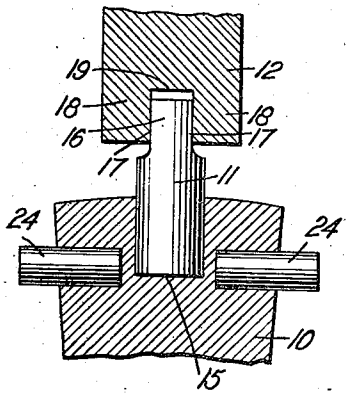
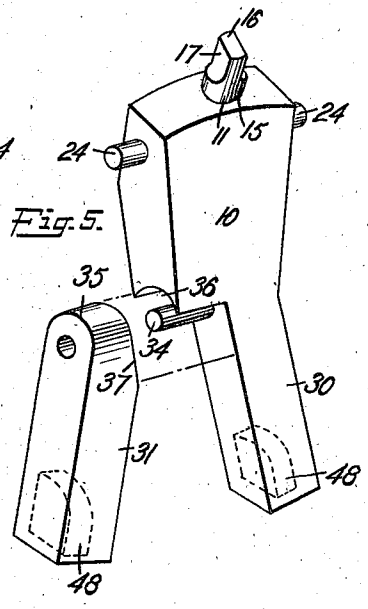


Fig. 5.



WITNESSES

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JOINTED TOY FIGURE.

1,211,232. Specification of Letters Patent. Patented Jan. 2, 1917.

Application filed January 19, 1916. Serial No. 72,962.

To all whom it may concern:

Be it known that I, ELMER J. READ, a citizen of the United States, and a resident of Rutherford, in the county of Bergen and State of New Jersey, have invented a new and Improved Jointed Toy Figure, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved jointed toy figure, representing a human being and arranged to permit of conveniently and quickly changing the positions of the movable members of the figure to represent the figure in various artistic attitudes or poses such, for instance, as assumed by a baseball player in action.

In order to accomplish the desired result, use is made of a body, jointed arms pivotally connected with the said body, a neck mounted to turn in the top of the said body, a head mounted to rock forward or backward on the said neck, and legs, of which one has its thigh integral with the said body and the other leg has its thigh mounted to swing forward and backward of the body.

A practical embodiment of the invention is represented in the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a front elevation of the jointed toy figure with parts shown in section and with the figure in erect position; Fig. 2 is a perspective view of the same with the parts in position such as is assumed by a baseball player trying to catch a ball; Fig. 3 is a perspective view of the body, neck, head and one of the legs; Fig. 4 is an enlarged sectional front elevation of the upper part of the body, neck and head; and Fig. 5 is a perspective view of a modified form of the body and thigh members with the movable thigh detached.

The jointed toy figure in its general construction consists of a body 10, a neck 11, a head 12, upper limbs 13 and lower limbs 14. The body 10 is preferably in the form of a rectangular block of wood or other material and having its top rounded off in a sidewise direction and the sides somewhat converging from the top to the hip. The neck 11 is in the shape of a vertically disposed cylindrical pin having its lower end mounted to turn in a recess 15 formed in the top of the body 10 at the middle thereof. The upper end 16 of the neck 11 is provided with tapering sides 17 clampingly engaged by jaws 18 formed on the under side of the head 12 by providing the said under side with a recess 19 elongated in a transverse direction. By the arrangement described the neck 11 is free to turn in the body 10 and the head 12 is clampingly held in position on the neck 11 and is adapted to be adjusted by the user in a forward or backward direction so that the head assumes any desired position, as if looking directly ahead, downward or upward. As the head 12 turns with the neck 11 it can be made to appear as if looking in a sidewise direction in addition to straight ahead, down or up.

Each of the upper limbs 13 consists of an upper arm 20 and a forearm 21 having an integral hand 22. The upper arm 20 has the inner side 23 of its upper end beveled and this side 23 abuts against the corresponding side of the body 10 so that the limb 13 extends at an angle to the body 10. Pivot pins 24 are attached to the body 10 and project from the sides of the body 10 and engage recesses 25 formed in the sides 23 of the upper arm 20 to allow the same to swing forward or backward and at an angle to the sides of the body 10. The upper end 26 of each forearm 21 is made tapering and is clampingly engaged by jaws 27 formed on the lower end of the upper arm 20 by providing the latter with a transverse slot 28, as plainly indicated in the drawings. By the arrangement described the forearm 21 is clampingly engaged on the upper arm 20 and can be swung by the user in the plane of the upper arm so that the forearm 21 assumes a desired angular position to the upper arm 20, as will be readily understood by reference to Fig. 2.

The lower limbs 14 consist of thigh members 30 and 31 and combined calf and foot members 32, 33. The thigh member 30 forms an integral part of the body 10 while the thigh member 31 is mounted to swing on a pivot 34 held in and projecting sidewise from the thigh member 30. The thigh members 30 and 31 diverge from the lower end of the body 10 and the inner side 37 of the upper end of the thigh member 31 diverges and the upper end 35 of the thigh member 31 is rounded off in a transverse direction and fits into a socket 36 formed in the lower end of the body 10. The inner side 37 of the upper end 35 of the thigh member 31 is beveled, and fits against the

inner beveled wall of the socket 36 so that the thigh member 31 is free to swing forward and backward, at all times maintaining its diverging position relatively to the thigh member 30. The feet 40 and 41 are integral with the calf members 32 and 33 and their under sides 42 and 43 are preferably beveled outwardly and upwardly to permit of supporting the figure on either foot and at the same time maintaining the equilibrium thereof at the time the various jointed parts are moved into different positions, as indicated, for instance, in Fig. 2. The upper ends 44 and 45 of the calf members 32, 33 are wedge-shaped and are clampingly engaged by jaws 46, 47 formed on the lower ends of the thigh members 30 and 31 by providing the same at the bottom and back with corresponding recesses 48. By the arrangement described the calf members 32, 33 can be adjusted by the user so as to extend in vertical alinement with the thigh members 30, 31 or to assume angular positions relatively to the same by swinging the calf members rearwardly, as plainly indicated in Fig. 2.

From the foregoing it will be seen that by the arrangement described the several jointed parts can be moved into various positions by the user so that the figure represents various artistic attitudes or poses, such, for instance, as assumed by a baseball player, football player or other person in walking or exercising action.

It will also be noticed that by the arrangement described, the several movable parts can be readily disconnected to be packed into a small package for convenient transportation or storage, and the user can readily reassemble the parts and adjust the same to the desired position.

As shown in the drawings, the right thigh member 30 is integral with the body 10, while the thigh member 31 is jointed, but this is not essential as the conditions may be reversed.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A jointed toy figure, comprising a body, jointed arms pivotally connected with the said body, a neck mounted to turn in the top of the said body, a head mounted to rock forward or backward on the said neck, and legs of which one has its thigh integral with the said body and the other leg has its thigh mounted to swing forward and backward on the body.

2. A jointed toy figure provided with a body, a thigh integral with the said body, and a thigh mounted to swing forward and backward on said body.

3. A jointed toy figure provided with a body, a thigh integral with the said body, a thigh mounted to swing forward and backward on the said body, and calf and integral foot members mounted to swing forward and backward on the said thighs.

4. A jointed toy figure having a body, thighs diverging from the body, and calf and feet members extending from the said thighs and disposed parallel to each other, the under surfaces of the feet being sidewise beveled in an outward and upward direction.

5. A jointed toy figure having a body, diverging thighs, of which one extends integrally from the said body and the other is pivoted on the body to swing forward and rearward.

6. A jointed toy figure, comprising a body, jointed arms pivotally and detachably connected with the said body, a neck mounted to turn in the top of said body, a head detachably connected with the said neck and mounted to rock forward or backward thereon, legs of which one has its thigh member integral with the said body and the other leg has its thigh member detachably connected with the body and mounted to swing forward and backward thereon, and calf and feet members mounted to swing forward and backward on the lower ends of said thigh members, and detachably connected therewith.

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

ELMER J. READ.

Witnesses:
THEO. G. HOSTER,
PHILIP D. ROLLHAUS.