

(No Model.)

M. E. WHITNEY.  
TOY.

No. 424,587.  
FIG. 1

Patented Apr. 1, 1890.  
FIG. 2

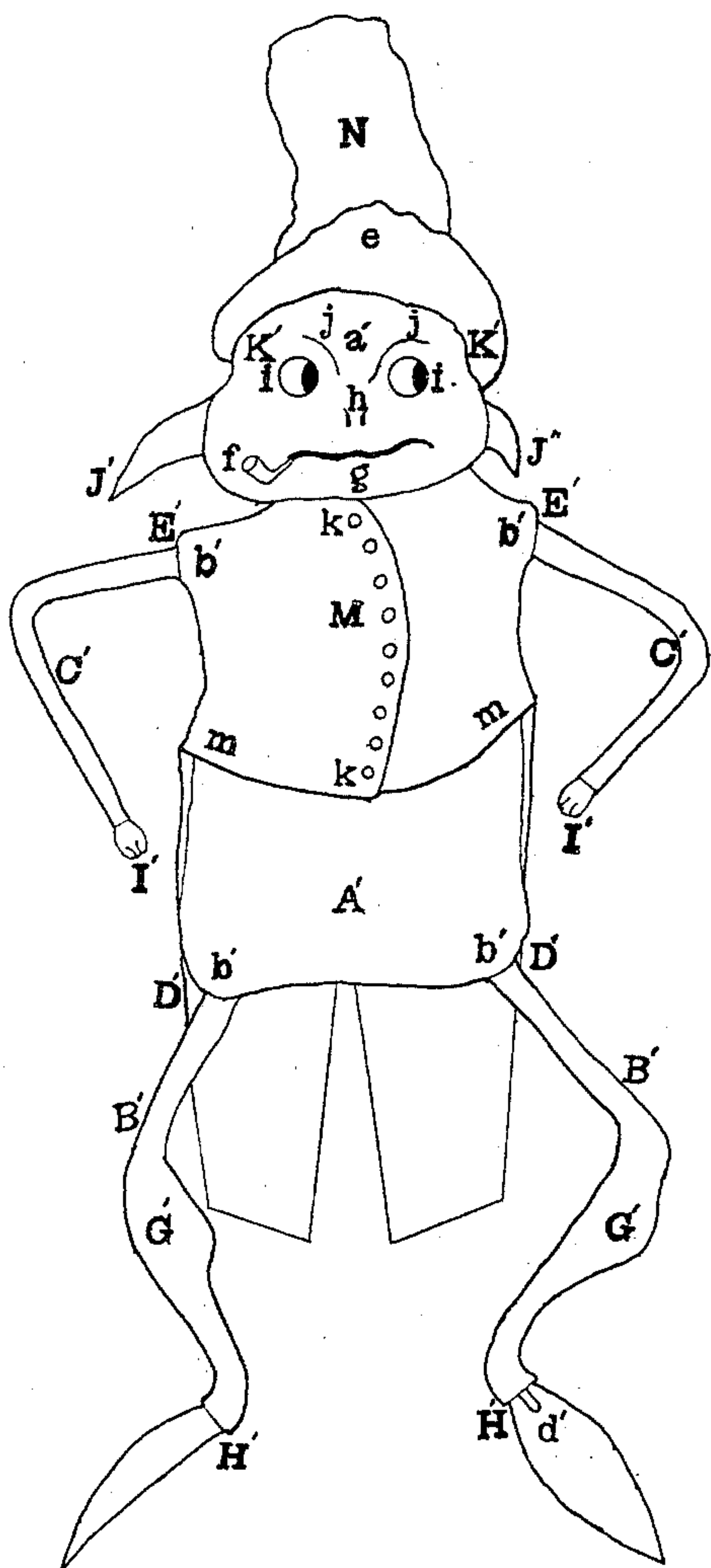


FIG. 3

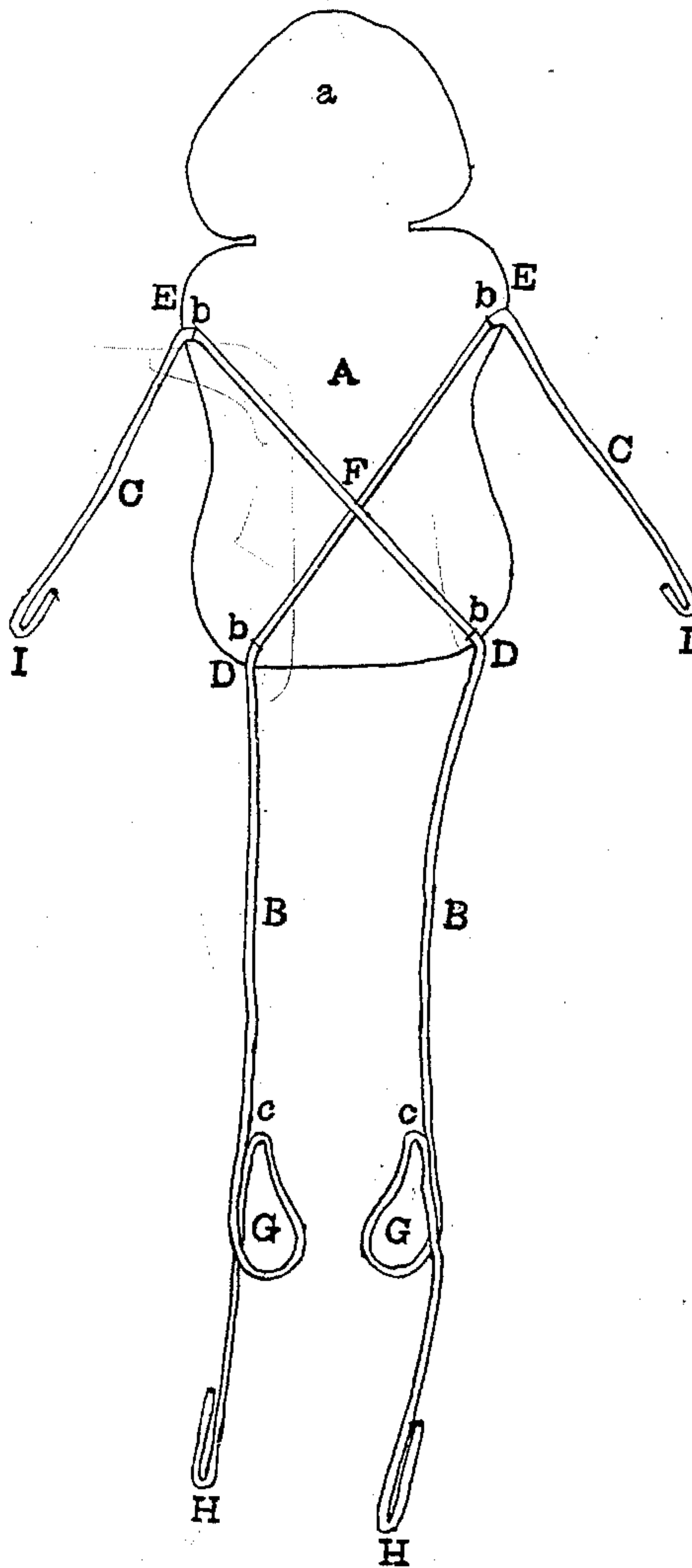
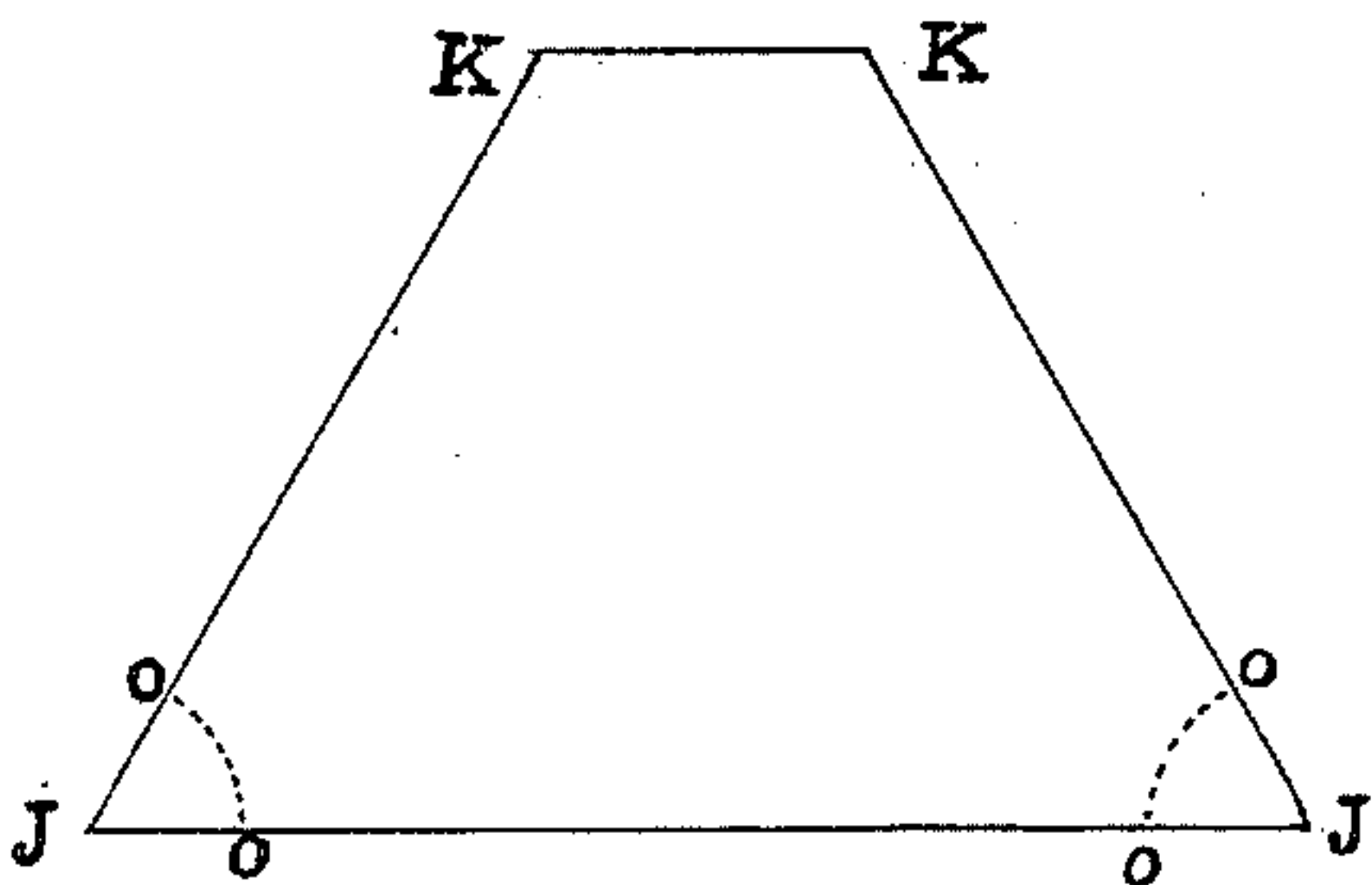


FIG. 4



Witnesses:

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*A. H. Macomber*

*Myra E. Whitney*, Inventor,

By *Macomber & Hunt*,  
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# UNITED STATES PATENT OFFICE.

MYRA E. WHITNEY, OF BRADFORD, PENNSYLVANIA.

## TOY.

SPECIFICATION forming part of Letters Patent No. 424,587, dated April 1, 1890.

Application filed June 4, 1889. Serial No. 313,072. (No model.)

*To all whom it may concern:*

Be it known that I, MYRA E. WHITNEY, a citizen of the United States, residing at Bradford, in the county of McKean and State of Pennsylvania, have invented a new and useful Toy, of which the following is a specification.

My invention relates to improvements in toys for children, commonly known as "brownies," which are effigies constructed in a substantial form, representing supposed or imaginary beings which are creations of the human imagination, hitherto represented by descriptions, drawings, and pictures only.

I do not claim the invention of the idea of a brownie; but I do claim the device and manufacture as hereinafter described.

I attain the object of my invention by the mechanism and construction illustrated in the accompanying drawings, in which—

Figure 1 is a front view of the entire effigy as constructed by me. Fig. 2 is a front view of the mechanism constituting the internal arrangement, form, and supports of the head, body, legs, and arms of the effigy. Fig. 3 is a front view of the material, hereinafter described, constituting the face and ears of the effigy. Fig. 4 is a front and top view of the material, hereinafter described, constituting the foot of the effigy.

Similar letters refer to similar parts throughout the several views, the letters on Fig. 1 being primed in each instance where they appear in the other figures, representing similar parts but in different stages of construction.

A, Fig. 2, represents the body and head material, which forms the basis and support of the same. I commonly construct it of press-board, that being the material best calculated to present rigidity and durability combined with lightness and cheapness.

C C and B B constitute the arms and legs, which are made of soft wire, in which the right arm and the left leg and the left arm and right leg are formed out of one continuous piece of wire. The arms C C are bent at E E, so as to cross the body A diagonally from the points forming the shoulders, crossing each other at F, and pass off from the body at D D, the points constituting the hips, and

are bent downward at D D, so as to form the legs B B. These wires, so forming the legs and arms, are sewed or fastened to the body A at the points E E D D, as represented by *b b b b*, Fig. 2, in such a manner that those portions of the wires D E crossing the said body A are free to revolve upon their axes over a small arc of a circle, thereby giving co-ordinate motion to the right arm and the left leg and the left arm and the right leg, which motion is substantially the same in the arms and legs as is presented by a person while walking. This feature presents a useful and taking element in the construction of my device as a toy. In the second place, by so crossing the wires constituting the legs and arms, as aforesaid, rigidity and durability are attained, which is a necessary element in the construction of the device. The wires forming the arms and legs, being capable of being readily bent, are easily made to conform to the position and posture of a person, and also may be readily changed from one posture to another.

The legs B B are bent at G G, Fig. 2, in the form of a loop, and the loops are flattened on their inner sides and upper portions, making the loop narrow at the upper end, as is plainly shown at *c c*, Fig. 2. This loop forms the calf of the leg, the knee being just above the loop *c c*. The ends of the wires forming the legs and arms are bent back upon themselves, as shown at H H and I I, Fig. 2, thus affording means whereby the material forming the feet and hands may be attached, and also presenting at the extremities a blunt and rounded end, which is essential in preventing harm or injury to the child in playing with the toy.

Fig. 3 presents a front view of the chamois-skin, which is used to form the face and ears of the effigy. The material is cut with a straight base and having sides forming angles with the base J J of about fifty degrees. These sides extend upward to the points K K, the top being cut across parallel with the base J J.

Fig. 4 represents the outline of the leather, which is cut leaf-shaped, pointed at its lower extremity L, and slightly shortened at its upper extremity by being cut across at *l l*, and is punched at *d* to form the foot of the effigy.



In the construction of the effigy the wires constituting the legs and arms are first covered throughout their entire length with a cloth material which is flexible and dyed the proper color. This is drawn over the wires before they are sewed or fastened to the body A, and is securely fastened to said wires at their extremities H H and I I. The legs and arms are then fastened to the hips and shoulders of the body A at D D E E, as shown by *b b b b*, Fig. 2. The covering of the body A', Fig. 1, is also made of a flexible cloth, which is reversed and sewed along the base of the body, is then turned and drawn up over the body A and stuffed with cotton or other soft material, so as to give the body the proper shape, and is finally sewed or fastened at the top over the shoulders and around the neck of the effigy. The feet are formed by passing the wire H H, Fig. 2, through the hole *d* in the leather L, Fig. 4, so that the wire passes through the leather and is bent back, as is clearly shown at *d'*, Fig. 1. The leather is also properly sewed to the extremity of the material covering the wire at H', Fig. 1, so as to give the foot the proper brownie shape.

The face *a'* of the effigy is constructed by placing the chamois-skin, cut in the shape shown in Fig. 3, over the head *a* and drawing the corners J J back and sewing them at the points *o o o o*, Fig. 3, in shape so as to form the ears J' J', thus forming the face and ears out of a single piece of chamois-skin, making the toy a durable and useful article, not easily torn or destroyed, and by stuffing the face with cotton or other soft material, so as to give it the proper contour. The points K K are carried up under the brim *e* of the hat N, Fig. 1, which is constructed of any suitable material, such as is commonly employed in the construction of children's toys of like nature. The coat M is constructed of cloth cut according to any desired pattern, is sewed or fastened in front, and may be provided with

imitation buttons *k k*, or other ornamentation, as may produce any desired effect. The eyes *i i* are formed by pasting on to the chamois-skin forming the face "punch-pieces" of paper, and inking the pupil of the eye, so as to give any desired effect. A pipe *f* may be of wood, and the stem pricked into and glued to the mouth of the effigy. The hands I' I' are covered with chamois-skin, so as to present a rounded form, not calculated to injure the child while playing with it. A cane, policeman's club, dish, or other proper object may be sewed or fastened to the hand to produce any desired effect. The effigy complete, as shown in Fig. 1, is not claimed specially. I construct many different forms of the figure, each representing some real or supposed personage in caricature, but each embracing the invention hitherto described and hereinafter claimed by me.

I claim for my invention—

1. The combination of the body A with the wires B B C C, forming the legs and arms, the right arm and the left leg being formed out of one continuous piece of wire and the left arm and the right leg being formed of one continuous piece of wire, fastened to the body A at *b b b b*, and the connecting portions crossing at F, substantially in the manner and for the purposes hereinbefore set forth.

2. The combination of the right arm C and the left leg B, made of a single continuous wire, and the left arm C and the right leg B, made of a single continuous wire fastened at D D and E E and the connecting portions turning over an arc of a circle upon the axes D E, substantially in the manner and for the purposes hereinbefore set forth.

MYRA E. WHITNEY.

Witnesses:

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