(No Model.)

W. V. SNYDER.

TOY.

No. 473,970. Patented May 3, 1892.

Fig. 1

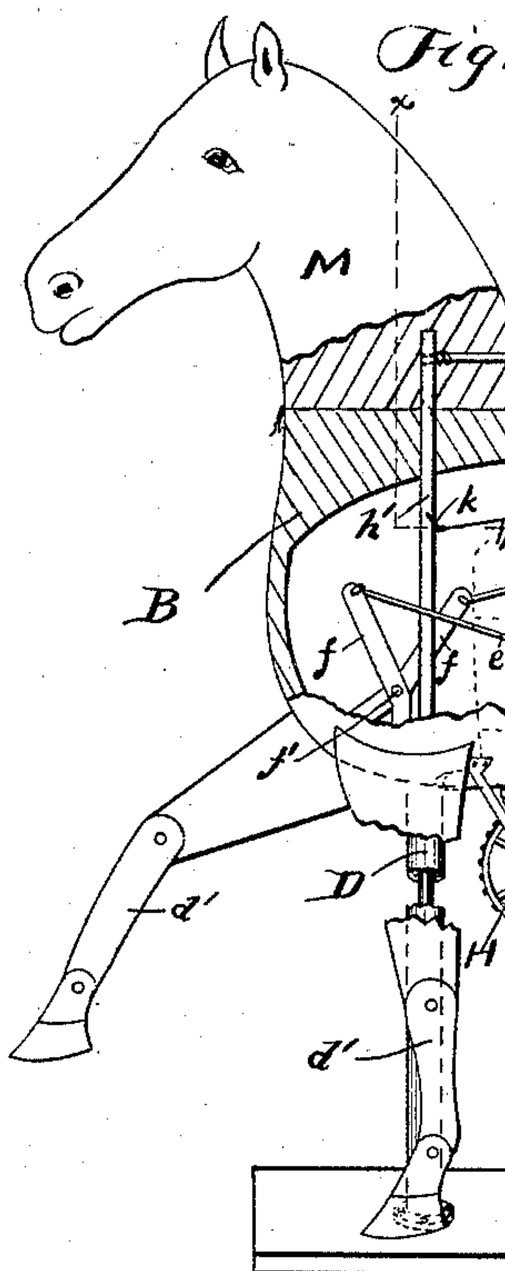


Fig 2

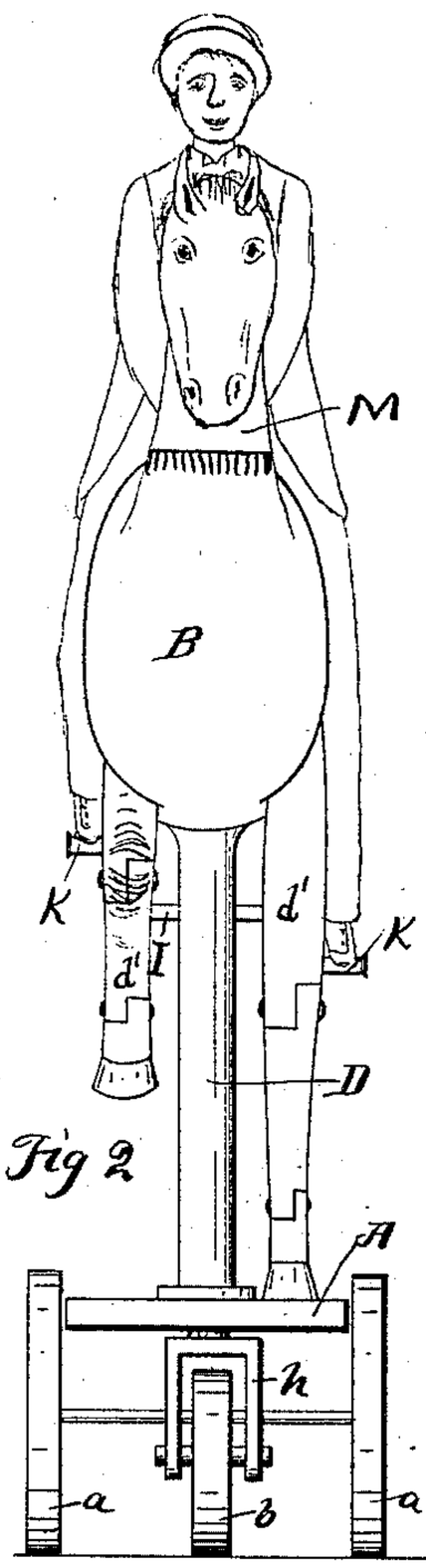


Fig. 8

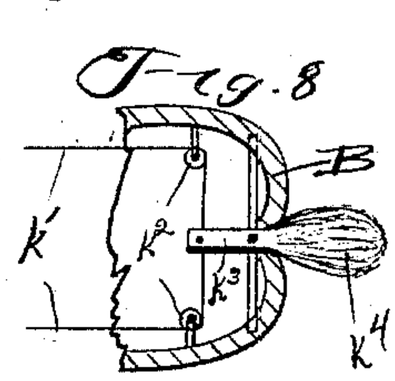


Fig. 7

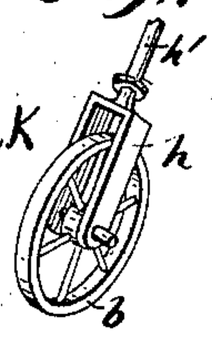


Fig. 3

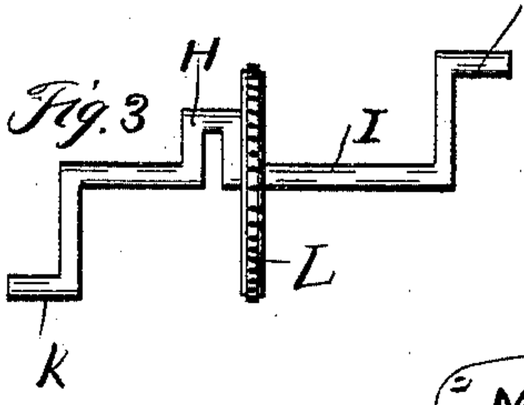


Fig 6.

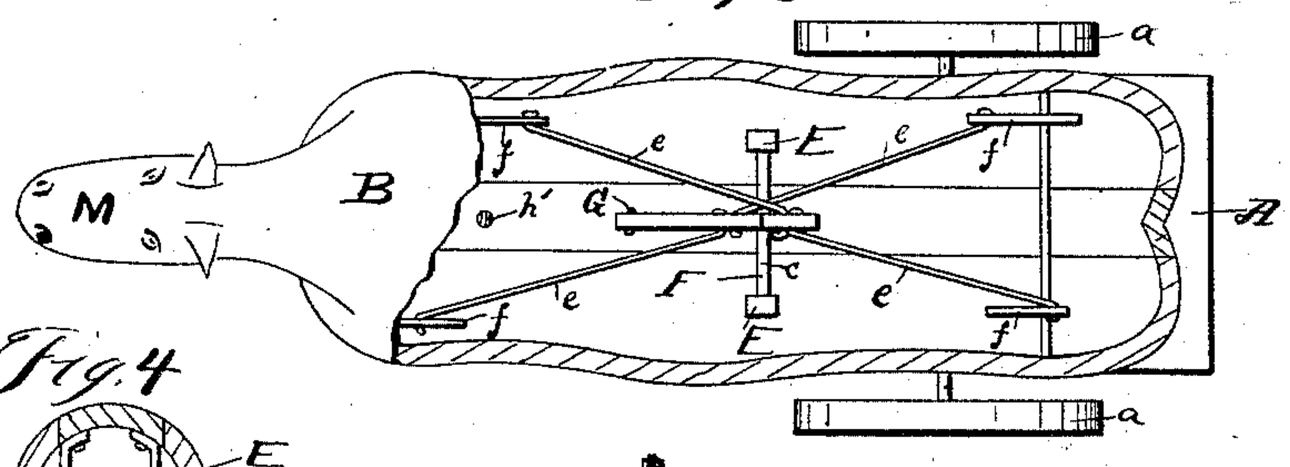


Fig. 4

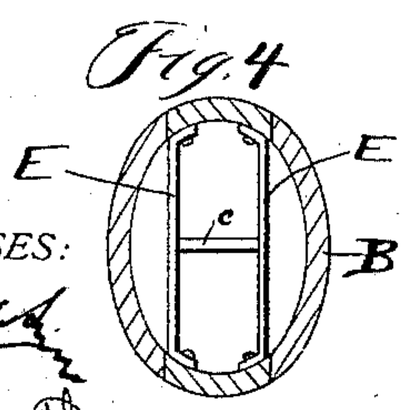
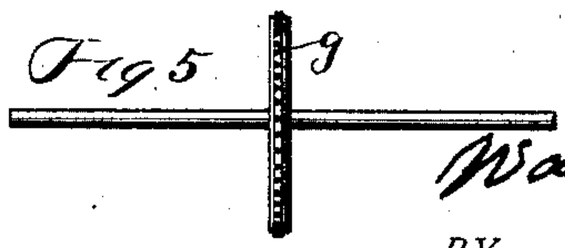


Fig 5



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UNITED STATES PATENT OFFICE.

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TOY.

SPECIFICATION forming part of Letters Patent No. 473,970, dated May 3, 1892.

Application filed May 25, 1891. Serial No. 393,980. (No model.)

To all whom it may concern:

Be it known that I, WALDO V. SNYDER, a citizen of the United States, residing at Canton, in the county of Stark and State of Ohio, have invented certain new and useful Improvements in Toys; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon, in which—

Figure 1 is a side view showing parts in section. Fig. 2 is a front end view. Fig. 3 is a detached view of the crank-shaft, showing the propelling-wheel properly located thereon. Fig. 4 is a transverse section of the body, showing the side pieces properly located and the bell-crank supporting-bars, said figure being reduced in size. Fig. 5 is a detached view of the rear axle, showing the traveling wheels removed and its propelling-wheel properly located thereon. Fig. 6 is a longitudinal section through line $x\ x$, Fig. 1. Fig. 7 is a detached view of the front or forward wheel, showing the same properly attached or journaled to its yoke. Fig. 8 is a view showing a portion of the body in section and illustrating the tail-operating cord or wire.

The present invention has relation to toys; and it consists in the different parts and combination of parts hereinafter described, and particularly pointed out in the claim.

Similar letters of reference indicate corresponding parts in all the figures of the drawings.

In the accompanying drawings, A represents the platform, which is mounted upon the traveling wheels a and b. To the traveling platform A is securely attached the body B, which body is supported and held at the required height by means of the posts or standards C and D, said posts or standards being attached at their bottom or lower ends to the platform A and at their top or upper ends to the body B in any convenient and well-known manner, and for the purpose hereinafter described the post or standard D is formed hollow.

To the body B are attached the bars E, which bars are located substantially as illustrated in Fig. 4, and are for the purpose of supporting and holding the compound bell-crank F by means of the shaft c. The compound bell-crank is for the purpose of communicating motion to the legs d and d' by means of the connecting-wires e and the pivoted arms f, motion being communicated to the compound bell-crank F by means of the pitman G and the crank H.

The shaft I is journaled to the body B by means of the brackets J or their equivalents, and is provided with the cranks K, which cranks are for the purpose of communicating a rotary motion to the shaft I by the feet of the rider. To the shaft I is securely attached the wheel L, which wheel is for the purpose of communicating a rotary motion to the traveling wheels a by means of the wheel g and the drive chain or belt g'.

For the purpose of easily guiding the toy proper the front or forward end of the traveling platform A is supported upon the traveling wheel b, which traveling wheel is located substantially as shown in Fig. 2, and is journaled to the yoke h, to which yoke is securely attached the bar h', which bar passes through the hollow post D, and to the top or upper end of the bar h' is securely attached the head M, which head M rotates or moves with the bar h'.

The guide-bar N is located substantially as illustrated in Fig. 1, and may be attached to the bar h', and is for the purpose of guiding the toy. To the post h' is attached the cross bar or arm k, to which arm k is attached in any convenient and well-known manner the cord k', said cord extending back over the grooved pulleys k^2 and attached to the inner end of the tail-shank k^3, said tail-shank k^3 being pivotally attached to the body B.

It will be understood that as the rider rotates or moves the bar h' that the head M will turn with said bar, together with the yoke h, and at the same time the tail k^4 will move by means of the arm k and the wire or cord k'. It will be understood that in use a saddle is to be attached to the body B in any convenient and well-known manner and that the saddle may be adjusted to suit the rider. The arms f are fulcrumed to the bars f' and said bars securely attached to the top or upper ends of the legs d and d'.

It will be noticed that by my peculiar arrangement that as the toy proper is propelled by the rider that a life-like movement will be given to the toy.

It will be understood that by pivotally attaching the head M to the body B and fixing the guide-bar N to said head M that the head will move with said guide-bar, thereby imparting a life-like movement to the head of the animal. It will also be understood that the shaft provided with the traveling wheels *a*, and the wheel *g* is to be securely attached to the platform A in any convenient and well-known manner.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the traveling platform A, provided with body B, the vertical bar *h'*, provided with the cross-arm *k*, the wire or cord *k'*, the pivoted tail-shank k^3, the tail k^4, and the guide-bar N, substantially as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

WALDO V. SNYDER.

Witnesses:
E. A. C. SMITH,
F. W. BOND.