Aug. 22, 1933. C. P. SLAGLE 1,923,801

WOOD SAWING TOY

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Fig. 1.

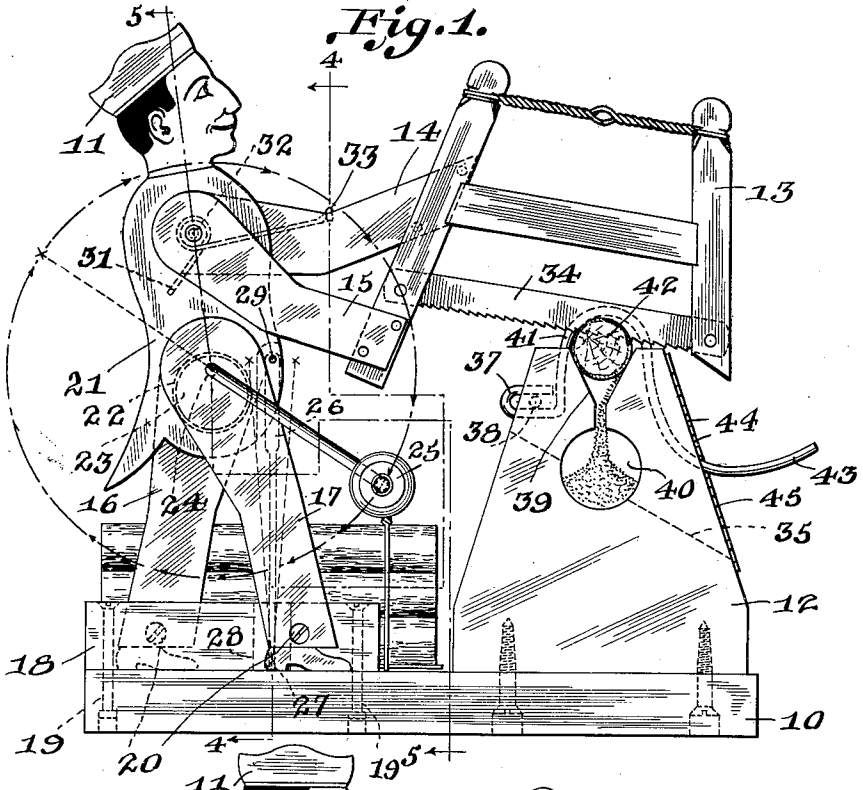
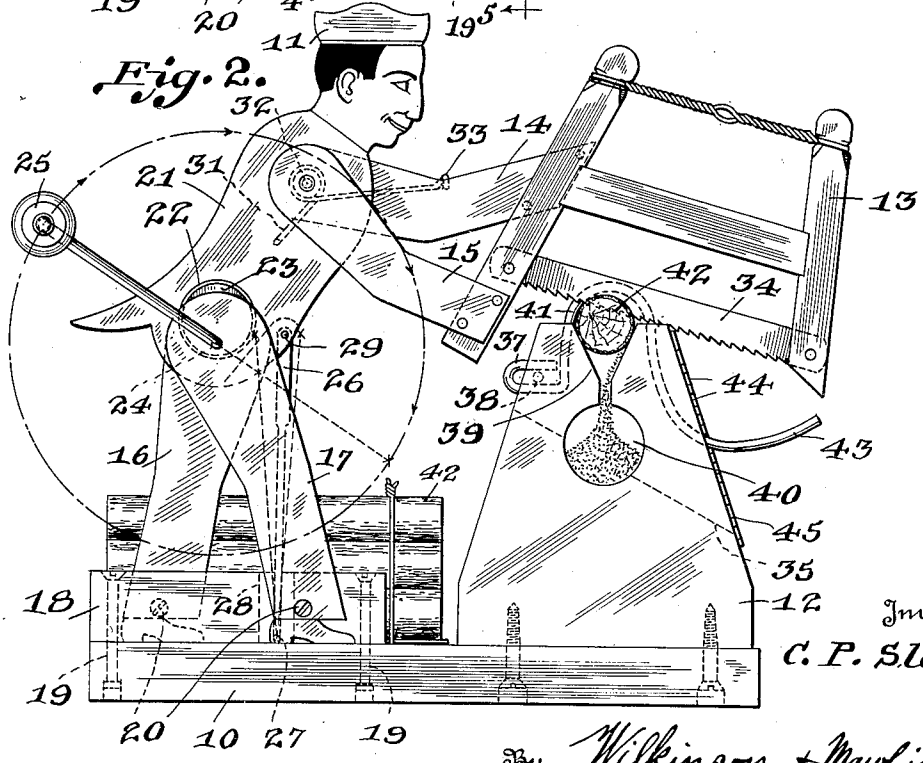


Fig. 2.



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Fig. 3.

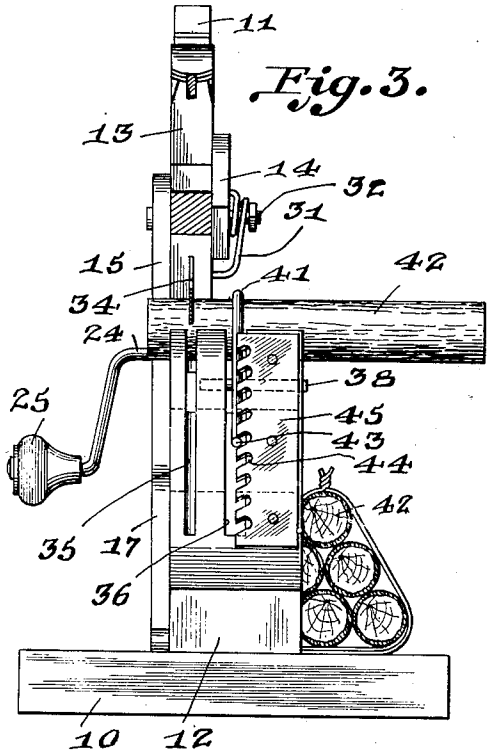


Fig. 4.

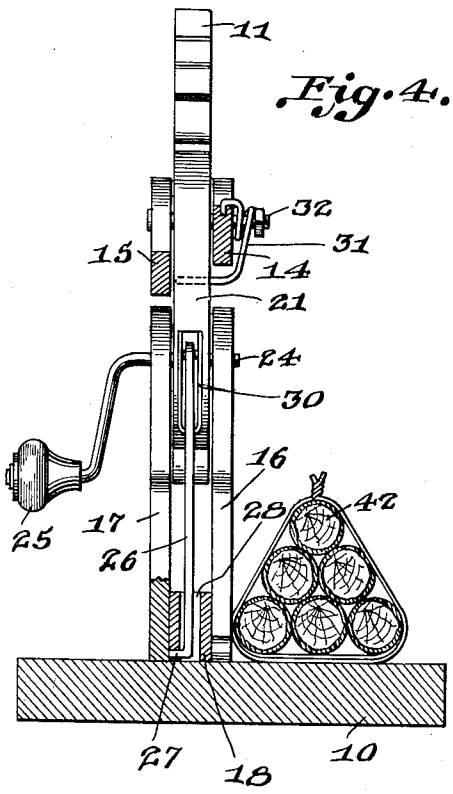
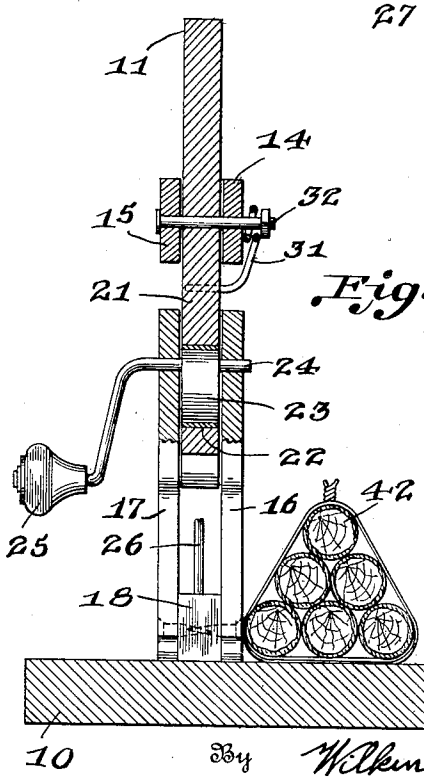


Fig. 5.



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UNITED STATES PATENT OFFICE

1,923,801

WOOD SAWING TOY

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Application April 4, 1933. Serial No. 664,424

2 Claims. (Cl. 46—40)

The present invention relates to improvements in wood sawing toys, and has for an object to provide an improved toy which will not only mimic the actions of a man in sawing wood but will actually produce a sawing operation to the end that the toy may not be merely of amusement value but may also contain an element of utility, demonstrating a practical lesson to the child.

With the foregoing and other objects in view, the invention will be more fully described hereinafter, and will be more particularly pointed out in the claims appended hereto.

In the drawings, wherein like symbols refer to like or corresponding parts throughout the several views,

Figure 1 is a side elevation of an improved wood sawing toy constructed in accordance with the present invention and showing the parts in one position.

Figure 2 is a similar view showing the parts in a subsequent position.

Figure 3 is an end view of the device.

Figure 4 is a vertical cross section taken on the line 4—4 in Figure 1, and

Figure 5 is a similar view taken on the line 5—5, also in Figure 1.

Referring more particularly to the drawings, 10 designates a base or foundation block of wood or the like material upon which the manikin 11 and the saw-horse 12 are fastened in an upright position and appropriately spaced. The buck-saw 13 is held in position above and across the saw-horse 12 by the arms 14 and 15 of the manikin 11. The manikin's legs 16 and 17 are fixed and remain stationary with the block 18 and with the base 10. The block 18 is secured to the base 10 by the bolts, screws or other fastenings 19. This block 18 receives the manikin's legs 16 and 17 on opposite sides thereof, screws or other fastenings 20 being employed to hold the legs of the manikin to the block 18. The legs 16 and 17 of the manikin thus form fixed supports between which the body 21 of the manikin is supported for back and forth swinging movement toward and from the saw-horse 12. The body of the manikin is provided with a circular opening 22 in which is rotatably seated an eccentric 23 affixed to a transverse shaft 24 which is journaled through the fixed legs 16 and 17. The shaft has on one end a crank handle 25 by which the child or user of the device may operate the toy. A link connection 26 is mounted between the body of the manikin and the block or base. As shown in Figure 4 the lower end of the link 26 is turned at right angles to provide the terminal end 27 extending down through a slot 28 in the block 18. The terminal end is fitted through the side of the block. At its upper end the link 26 is pivoted in a recess 30 of the manikin at the front lower portion of the body. The pivot is indicated at 29. The slot 28 permits of the movement of the link 26 back and forth from the positions, shown in Figure 1 to that shown in Figure 2.

This link 26, combined with the eccentric 23, causes the manikin to have operating movements back and forth mimicking the motions made by a man in the act of sawing wood. A spring 31 is wound about the pintle 32 which pivotally connects the arms with the manikin, such coil spring having one of its ends anchored in the manikin and its other end 33 extended outwardly and engaged upon the upper side of the arm 14. The spring is so arranged that it will exert a downward pressure upon the arm 14 and upon the buck-saw 13 adding weight to the buck-saw which aids in the cutting operation. The blade 34 in the buck-saw is a practical saw blade.

The saw-horse 12 may be of a single block of wood or other material having slots 35 and 36. The slot 35 provides a space through which the saw blade 34 may freely pass. The other slot 36 provides a space for the adjustable clamp.

This clamp comprises a single length or strand of wire having one of its ends curled over and preferably slotted as indicated at 37 to fit loosely and slidably upon a pin 38 which extends across the slot 36 and provides a fulcrum on which the clamp may swing to admit logs into the cradle or support 39. Below the cradle is an opening 40 for receiving and making away with the sawdust. The clamp is looped upwardly at its intermediate portion as indicated at 41 to embrace the log indicated at 42 and the tail piece or handle 43 of the clamp is adapted to be swung laterally in the slot so as to mate with any one of a number of upwardly struck notches 44 in a ratchet plate 45 affixed to the face of the saw-horse. The notches 44 permit the clamp to be locked at different points thus accommodating logs of various sizes. A bundle of miniature logs will be preferably provided with each of the toys and will find a support upon the base 10.

In operation, when the crank handle 25 is turned, the manikin's body and saw are caused to move back and forth, cutting away at the log in life like manner that should create considerable interest among children.

It is obvious that various changes and modifications may be made in the details of construction and design of the above specifically described

embodiment of this invention without departing from the spirit thereof, such changes and modifications being restricted only by the scope of the following claims:—

What is claimed is:—

1. In a wood sawing toy, a saw-horse, a buck-saw movable back and forth above the horse, a manikin having fixed legs and a movable body with arms connected to the buck-saw, an eccentric supported by said legs and supporting the body, and a pivoted and swinging link connection between the body and a fixed point.

2. In a wood sawing toy, a saw-horse, a buck-saw movably mounted above the horse, a manikin consisting of fixed legs and a movable body with arms pivoted to the body, spring means associated with the arms for bearing down on the arms, said body having a circular socket therein, an eccentric rotatably mounted in said socket, a shaft fixed to said eccentric and journalled in said legs, a link pivoted to the body and to a fixed point, a crank connected to said shaft, and a base uniting said legs of the manikin and said saw-horse in spaced relation.

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