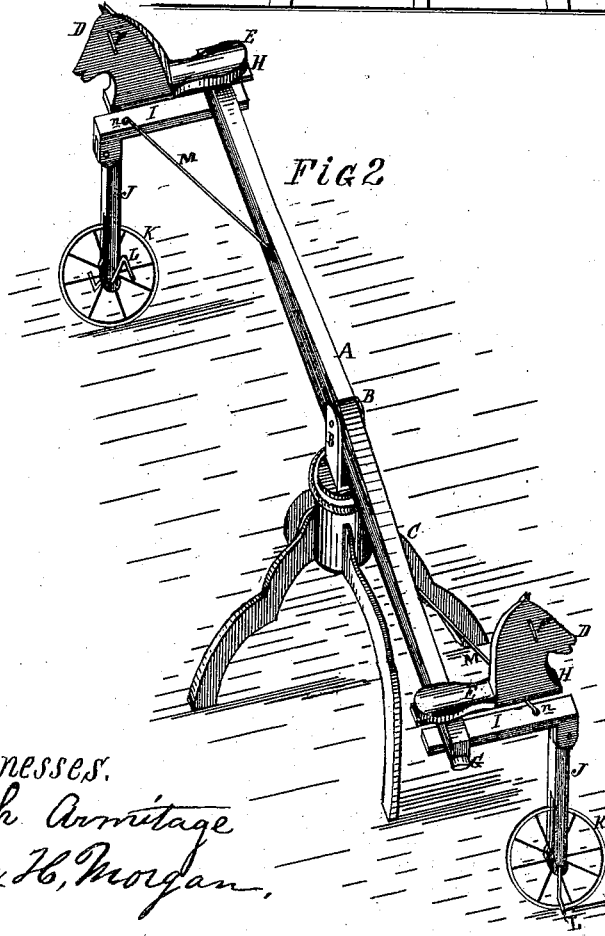
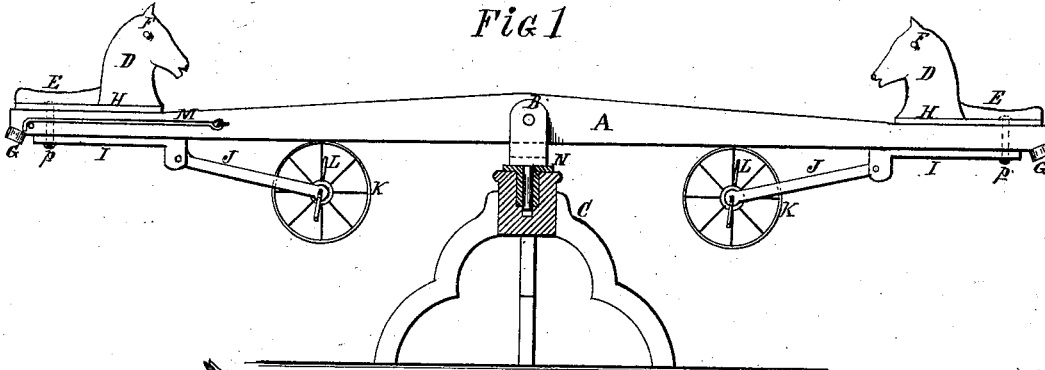


H. H. HAWTHORNE.
Roundabouts.

No. 196,753.

Patented Nov. 6, 1877.



Witnesses.
Joseph Armitage
Alex H. Morgan.

Inventor.
Henry H. Hawthorne
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UNITED STATES PATENT OFFICE.

HENRY H. HAWTHORNE, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN ROUNDABOUTS.

Specification forming part of Letters Patent No. **196,753**, dated November 6, 1877; application filed April 4, 1877.

To all whom it may concern:

Be it known that I, HENRY H. HAWTHORNE, of the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in a Seesaw and Roundabout, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

The object of my invention is to provide a pleasure device, combining a seesaw and roundabout, of a cheap and simple construction, which may be readily taken apart, carried about, and set up in any convenient position.

Figure 1 is a side elevation of my invention, showing it arranged as a seesaw. Fig. 2 is a perspective view of my invention, showing it arranged for a roundabout.

A is a wooden beam, of suitable length, pivoted in the center between the open jaws of a swivel-piece, B, which is supported upon a stand, C. D D are horse-heads, of wood, and E E are seats at each end of the beam, the horse-heads being furnished with handles F F, which are grasped by the occupants of the seats to insure a safe and steady position. G G are gum pads or springs secured at the extremities of the beam to form cushions and compensate for the sudden jar when the ends of the beam are brought in contact with the floor or ground surface, and also to prevent injury to the carpet when the seesaw is set up in a furnished room.

The horse-heads D D and seats E E at each end of the beam are secured to flat bars H H, which are connected by means of the pivot-pins *p p* to bars I I on the lower edge of the beam. The pivot-pins pass loosely through the beam, and connect the bars H and I at or near their rear ends, so that the horse-heads may be swung out at right angles, or nearly so, to the beam when a change to a roundabout is desired.

J J are vertical supports hinged to the front ends of the bars H H, and carrying at their extremities the wheels K K and foot cranks or treadles L L. M M are hooked rods or braces attached to the sides of the beam, and engaged with openings *n n* in the bars I I, to

hold the same when swung outward, as shown in Fig. 2.

When the parts are to be used as a seesaw, the supports J J, with the wheels K K, are closed up against the lower edge of the beam, as shown in Fig. 1, so as not to interfere with the vibration of the same. In this position they are held by any suitable device.

In changing from a seesaw to a roundabout, the bars H and I are opened out, as shown in Fig. 1, and the supports J J placed in their proper vertical positions, the hinged joint being arranged so as to maintain them in this position. The occupants of the seats grasp the handles F F on the horse-heads to insure a steady position, and, placing the feet on the cranks, communicate motion to the wheels, and thus propel themselves around and around in a large circle.

The pin of swivel B rests loosely in a metallic socket, N, secured in the stand C, so that the swivel will revolve freely when the beam is operated as a roundabout, or permit of the beam being readily separated from the stand for convenience in transportation.

What I claim as my invention is—

1. The combination of the beam A, horse-heads D D, seats E E, handles F F, gum pads or springs G G, central pivot B, and stand C, operating as a seesaw, substantially as herein shown and described.

2. The combination of the beam A, horse-heads D D, seats E E, handles F F, bars H and I, pivot-pins *p p*, vertical supports J J, wheels K K, cranks L L, hooked rods M M, swivel B, metallic socket N, and stand C, operating as a roundabout, substantially as herein shown and described.

3. The beam A, pivoted to the stand C to rotate in a horizontal plane, in combination with the horse-heads D D and seats E E, projecting at right angles, and provided with vertical supports J J, wheels K K, and cranks L L.

HENRY H. HAWTHORNE.

Witnesses:

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