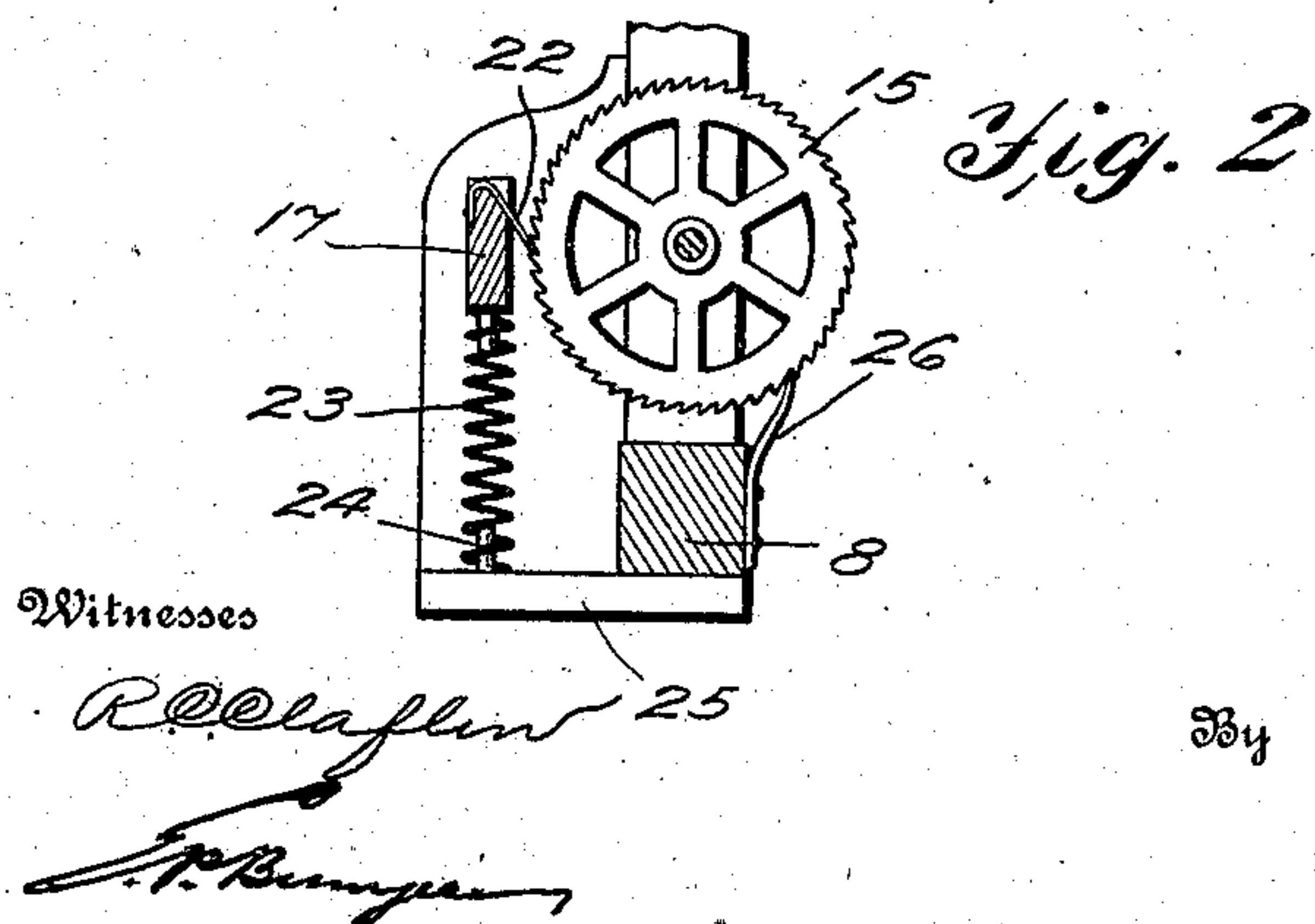
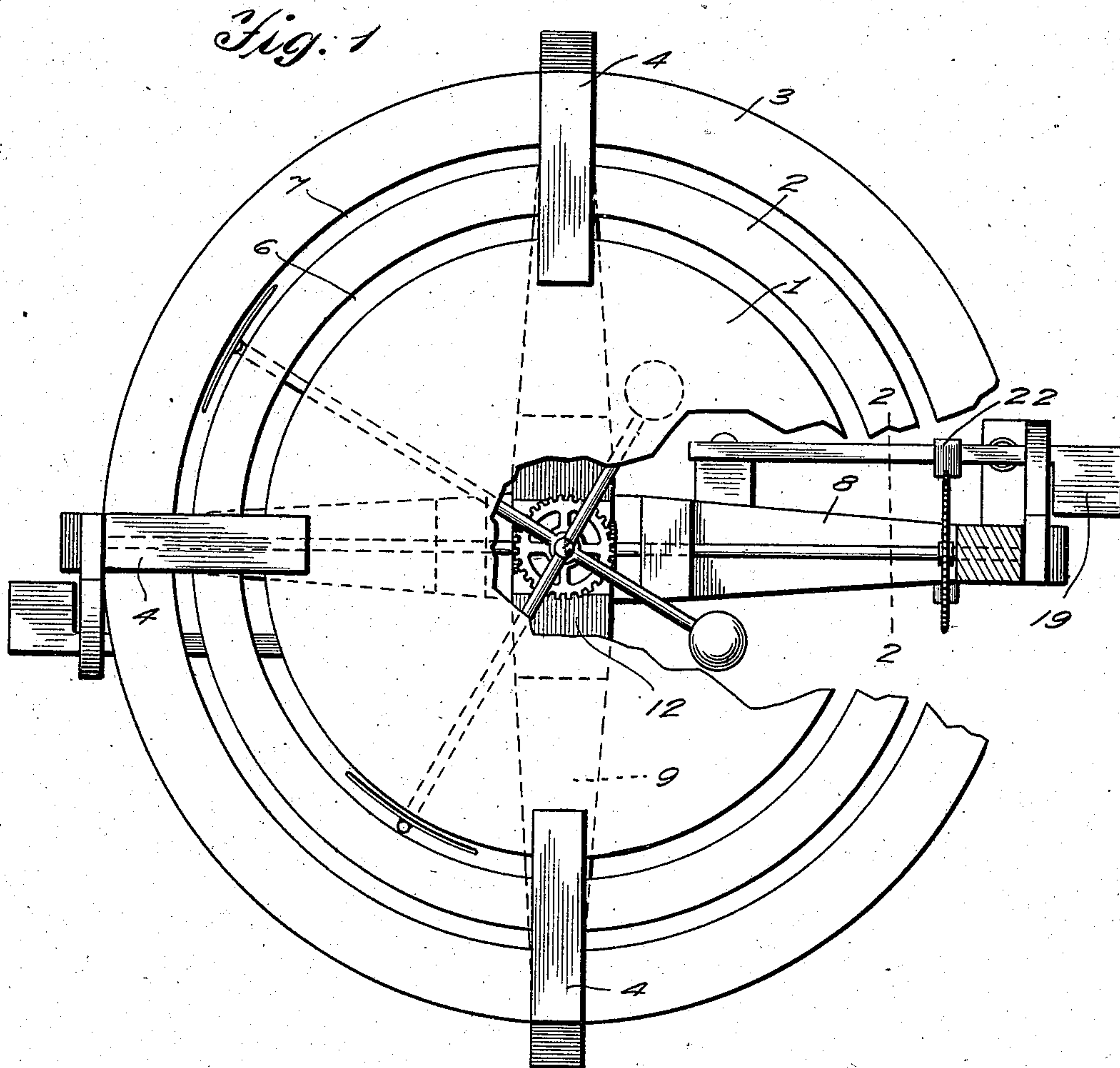


No. 881,835.

PATENTED MAR. 10, 1908.

A. A. WALRATH.
GAME APPARATUS.
APPLICATION FILED MAR. 12, 1907.

2 SHEETS—SHEET 1.



Witnesses

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2 SHEETS—SHEET 2.

Fig. 3

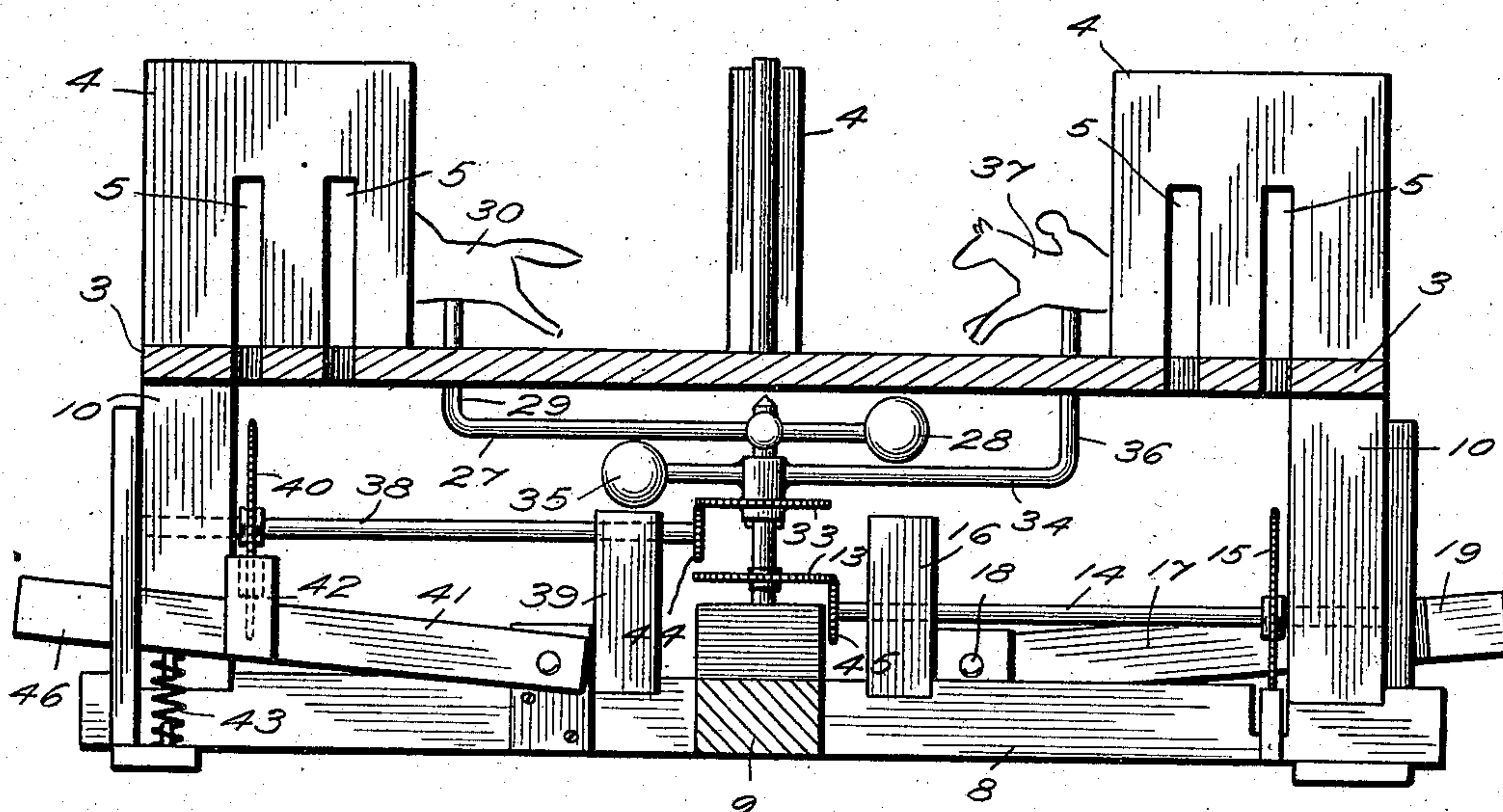


Fig. 5

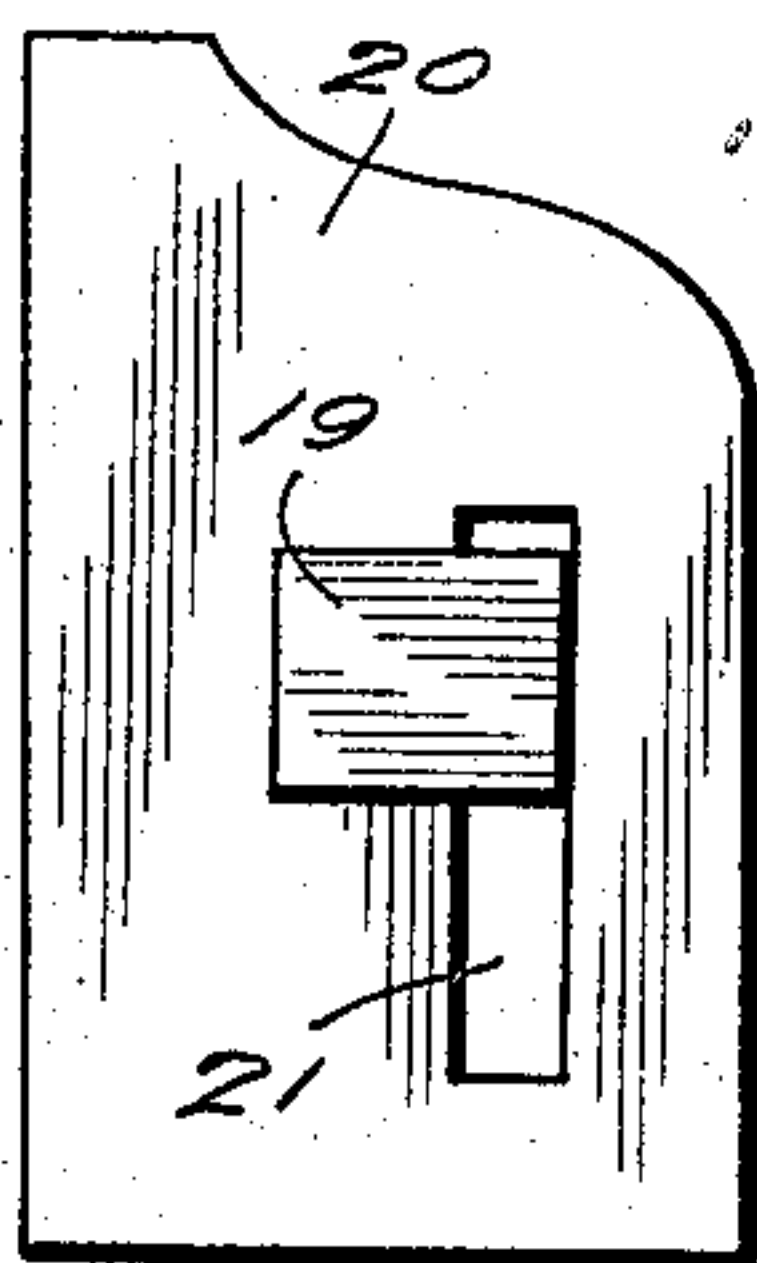
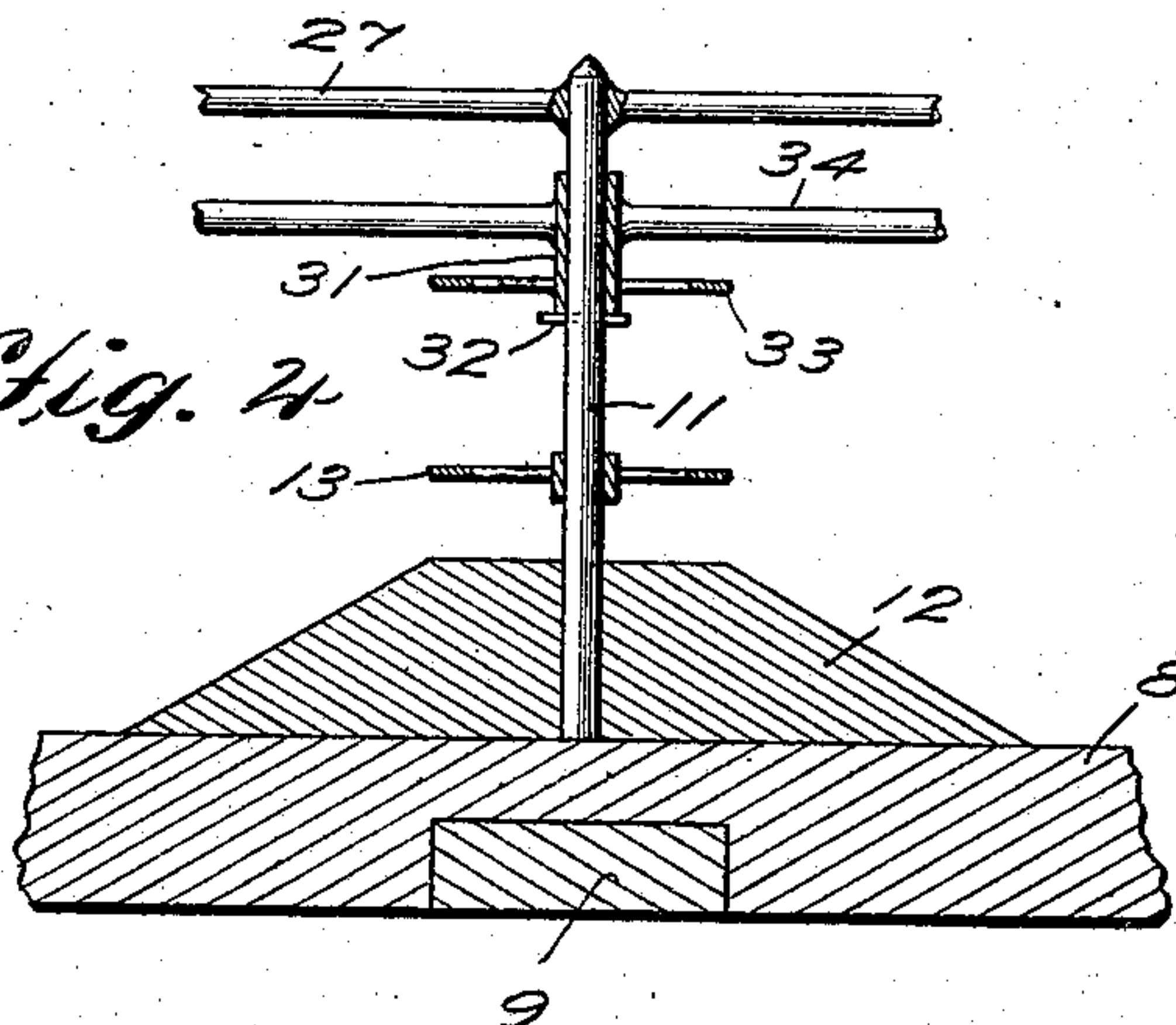


Fig. 4



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ALTON A. WALRATH, OF FORT PLAIN, NEW YORK.

GAME APPARATUS.

No. 881,835.

Specification of Letters Patent.

Patented March 10, 1908.

Application filed March 12, 1907. Serial No. 362,020.

To all whom it may concern:

Be it known that I, ALTON A. WALRATH, a citizen of the United States of America, residing at Fort Plain, in the county of Montgomery and State of New York, have invented new and useful Improvements in Game Apparatus, of which the following is a specification.

This invention relates to game apparatus, and one of the principal objects of the same is to provide a game which will simulate a race, either a horse race, automobile race or other similar contest of speed in which the skill and activity of the contestants are called into action to determine the winner.

Another object is to provide a game representing a horse race in which two or more horses are mounted to traverse a circular track, and means for moving said horses around the track, each horse being independently actuated by one of the players.

These and other objects may be attained by means of the construction illustrated in the accompanying drawings, in which:

Figure 1 is a top plan view and partial section of a game apparatus made in accordance with my invention. Fig. 2 is a detail view illustrating the actuating wheel and the means for operating the same. Fig. 3 is a transverse sectional view of the game board. Fig. 4 is a detail section showing the upright central standard, and the means for attaching the supporting arms thereto. Fig. 5 is a detail view showing the manner of mounting the actuating keys.

Referring to the drawing for a more particular description of my invention, the numeral 1 designates a platform to which is connected a ring 2 and an outer ring 3, the platform and said rings being connected by arches 4 provided with guideways 5. Between the platform 1 and the rings circular tracks or ways 6, 7 are provided for the movement of the horses, automobiles or other speed contestants. The platform and rings are supported upon crossed bars 8, 9, said crossed bars being secured together in the center and having suitable supporting posts 10 at their outer ends upon which the outer ring 3 is secured. A central vertical standard 11 is mounted in a foot piece 12 supported upon the crossed bars 8 and 9, said standard being mounted to rotate in the foot piece 12, and having secured rigidly thereto a crown gear wheel 13. An operating shaft 14 carrying a large ratchet wheel 15 is journaled in an up-

right or hanger 16, and in one of the posts 10 a lever 17 pivoted at 18 is provided with a key or finger piece 19 at its outer end. The lever 17 extends through a guide piece 20 provided with a slot 21 through which a reduced portion of the lever 17 passes. On the lever 17 is a pawl 22 adapted to engage the teeth of the wheel 15 in its downward movement and a spring 23 connected to the lever 17 and supported upon a pin 24 connected to a base piece 25 serves to return the lever 17 to its normal upper position after it has been depressed by the finger of the operator actuating the key 19. A detent 26 secured to the bar 8 serves to prevent the retrograde movement of the wheel 15.

Connected to the upper end of the standard 11 is an arm 27 carrying a weight 28 at one end and being bent upward at 29 to extend through one of the circular ways 6 or 7 supports at its upper end a figure representing a horse 30, or other speed contestant. Mounted loosely upon the standard 11 is a sleeve 31 sustained in its position by means of a pin 32 and secured to the sleeve 31 is a gear wheel 33 and also secured to said sleeve is an arm 34 provided with a weight 35 and said arm having a vertical member 36 extending through the slot or way 6 and having attached to its upper end the figure of a horse 37 or other suitable figure. To operate the arm 34 and to move the horse 37 around in the way 6, the actuating mechanism is precisely like that already described for actuating the figure 30. A shaft 38 is mounted to rotate in an upright 39 and in one of the posts 10. The shaft 38 carries a wheel 40 which is actuated by means of a lever 41, and a pawl 42 similar in all respects to the pawl 22, a spring 43 being utilized to return the lever 41 to its original position. On the shaft 38 is a pinion 44, and on the shaft 14 is a pinion 45. The pinion 45 engages the wheel 13 to rotate the standard 1 and the arm 27, while the pinion 44 engages the wheel 33 and rotates the sleeve 31 and with it the arm 34 to carry the figure 37 around the way or circular track. The lever 41 is actuated by means of a key 46 similar to the key 19.

From the foregoing it will be obvious that two, three or more racing elements or speed contestants represented as horses or automobiles may be mounted on arms similar to those already described, and be actuated by similar means, if the game is to be made for more than two players.

The operation of my invention may be briefly described as follows: The two figures 30 and 37 are mounted and started from the same place, the two players upon opposite sides of the board move the keys 19 and 46 downward with the finger, and the more rapidly this movement is made, the faster the figures will move around the ways 6 and 7.

My invention is of simple construction, can be made at slight cost, will be found very amusing and entertaining, and at the same time will call forth considerable skill on the part of the operators or contestants. The game board can be made almost entirely of metal if desired, or of other suitable materials.

Having thus described the invention, what I claim is:

A game board comprising a circular platform, concentric rings encircling said platform and spaced therefrom by arches provided with guideways, the spaces forming raceways or tracks, a frame upon which the outer ring is supported, a central vertically disposed standard mounted to rotate in the frame, a counter-balanced arm rigidly connected to said standard and having an upwardly extending arm which passes through

one of the spaces or tracks, a sleeve loosely mounted upon said standard, a counter-balanced arm rigidly connected to said sleeve and provided with an upwardly extending arm carrying a racing element, a gear wheel rigidly connected to said sleeve, a shaft mounted in the frame and provided with a pinion to engage said gear wheel, a ratchet wheel secured to said shaft, a gear wheel rigidly mounted on said standard, a shaft provided with a pinion to engage said gear wheel, a ratchet wheel on said shaft, pivoted levers each having a finger key at its outer end, a downwardly inclined pawl secured to each lever, said pawl engaging said ratchet wheel, a spring connected to each lever and supported upon the frame for returning said lever to its uppermost position, and detents for preventing retrograde movement of said ratchet wheels.

In testimony whereof, I affix my signature in presence of two witnesses.

ALTON A. WALRATH.

Witnesses:

JOSEPH L. MOORE,
LEONARD B. MOORE