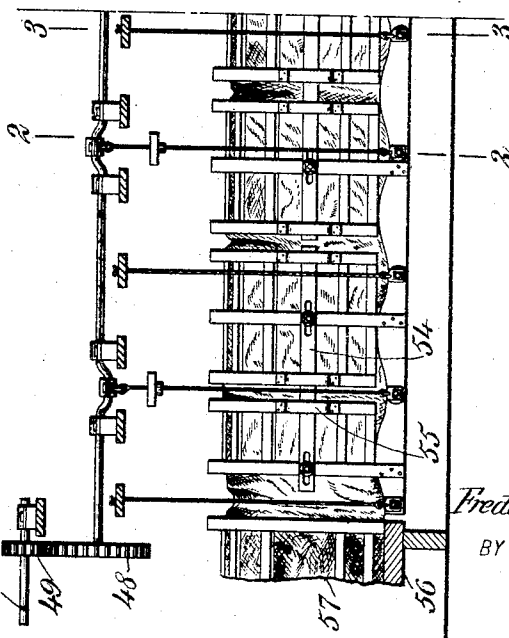
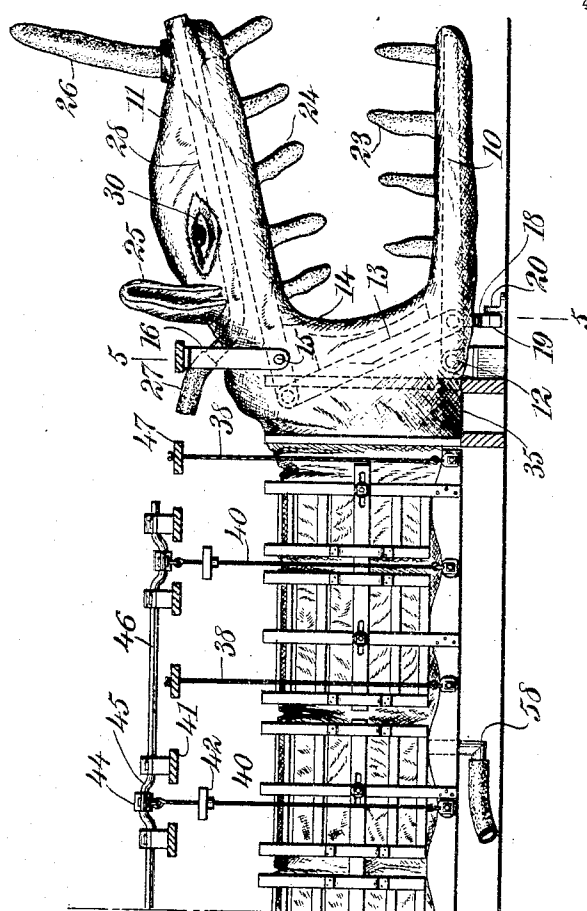


No. 779,329.

PATENTED JAN. 3, 1905.

F. W. THOMPSON.
AMUSEMENT APPARATUS.
APPLICATION FILED JUNE 10, 1904.

4 SHEETS—SHEET 1.



WITNESSES

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C. R. Ferguson

INVENTOR

Frederick W. Thompson

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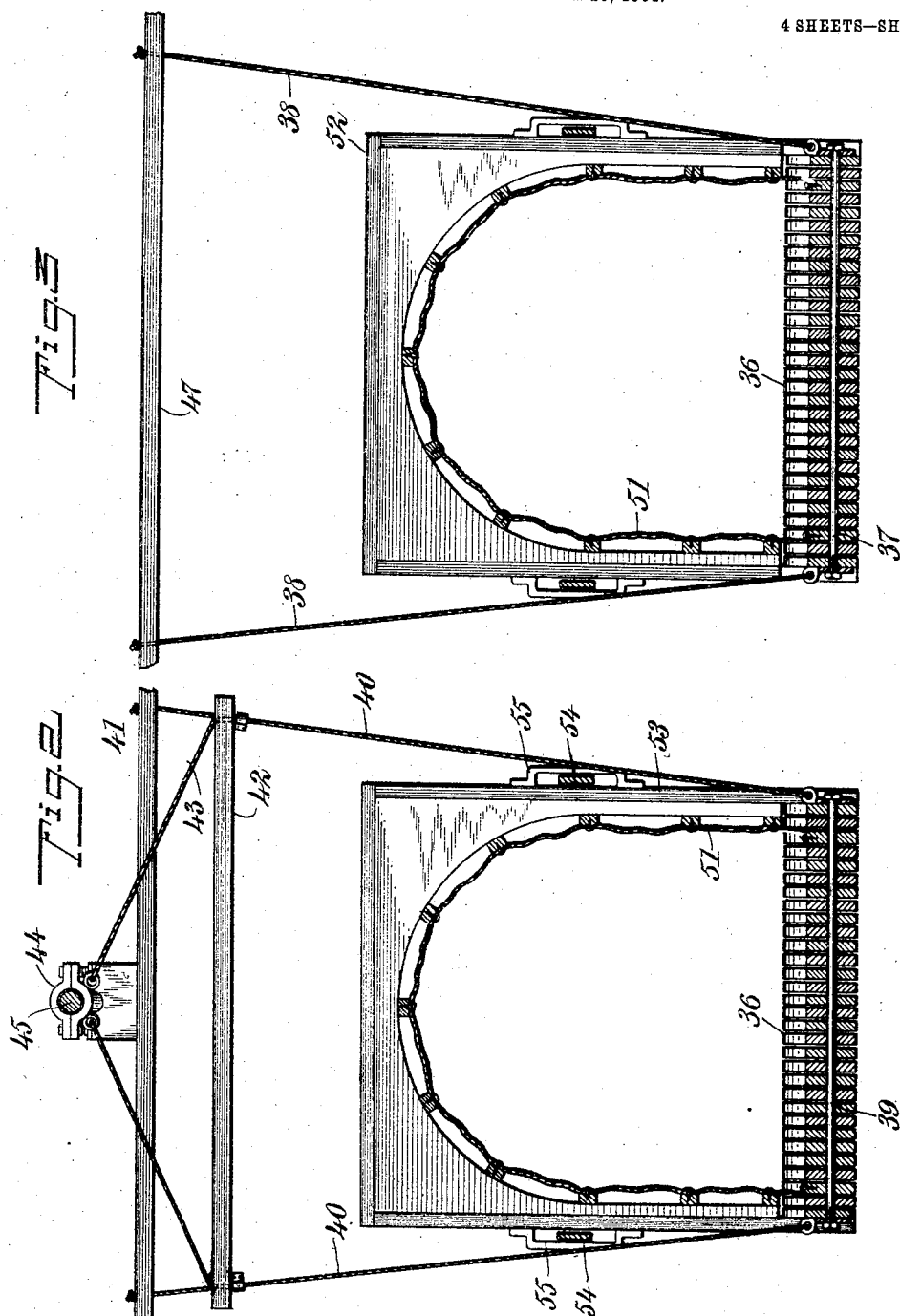
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WITNESSES:
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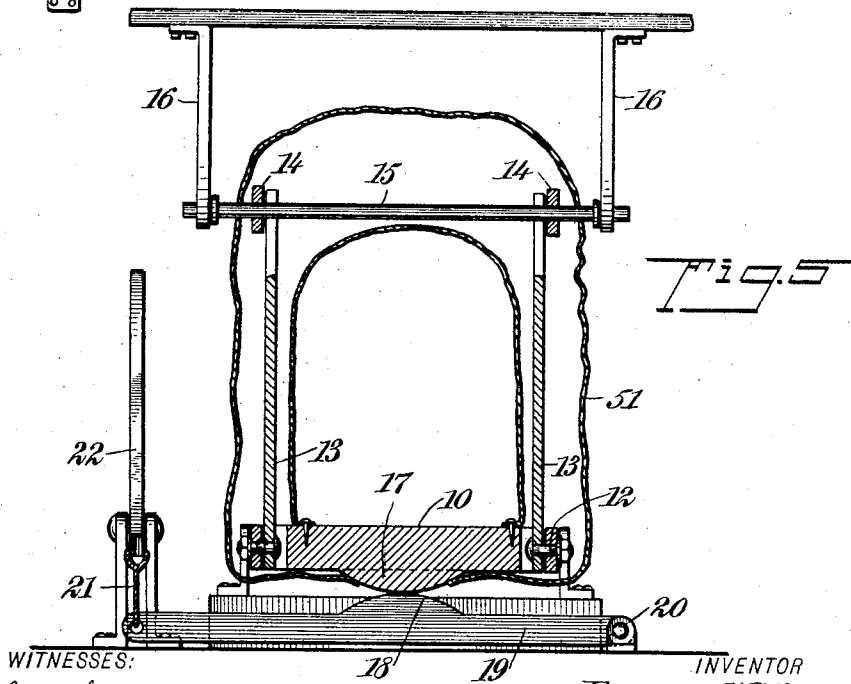
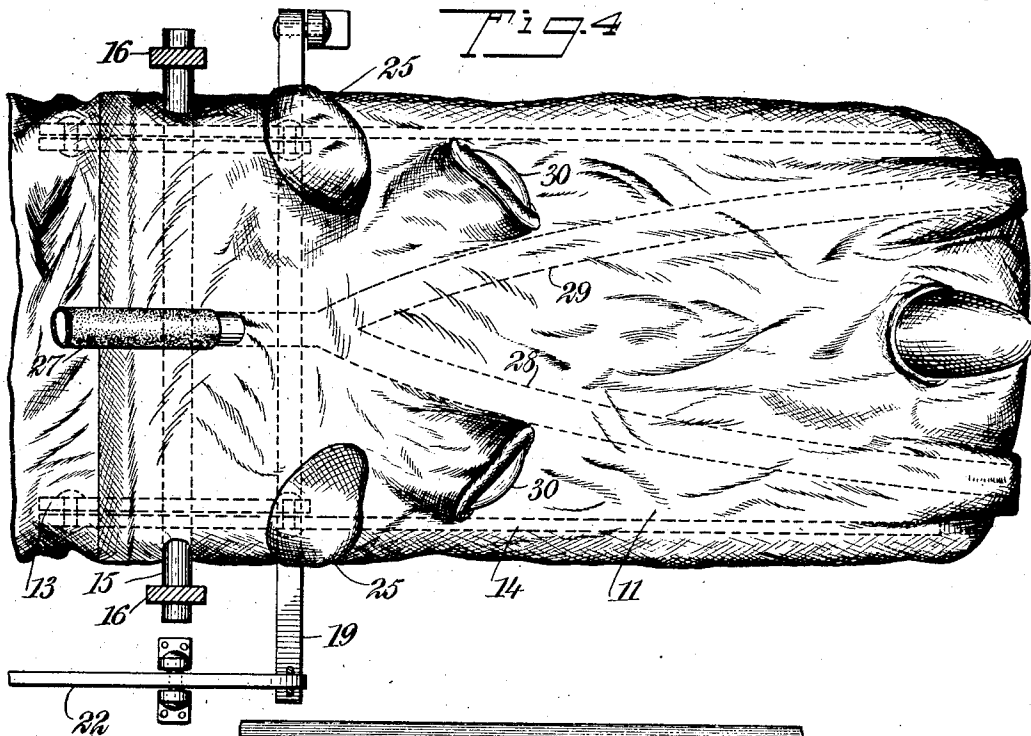
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4 SHEETS—SHEET 3.



WITNESSES:
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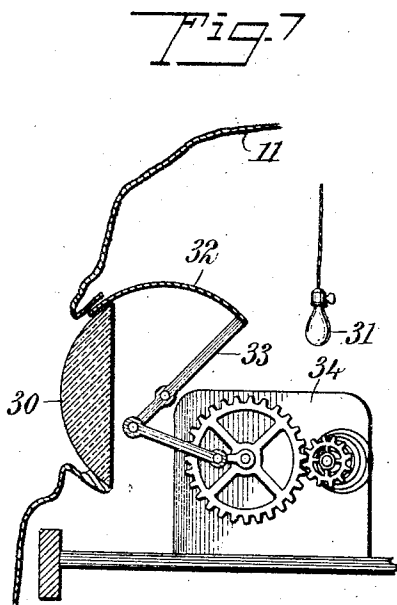
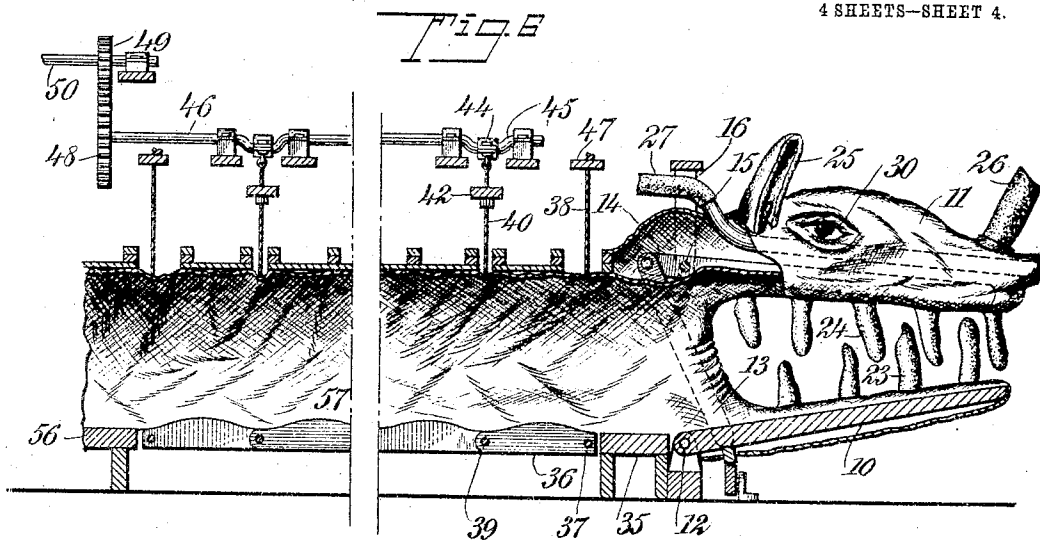
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4 SHEETS—SHEET 4.



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UNITED STATES PATENT OFFICE.

FREDERICK WILLIAM THOMPSON, OF NEW YORK, N. Y.

AMUSEMENT APPARATUS.

SPECIFICATION forming part of Letters Patent No. 779,329, dated January 3, 1905.

Application filed June 10, 1904. Serial No. 211,963.

To all whom it may concern:

Be it known that I, FREDERICK WILLIAM THOMPSON, a citizen of the United States, and a resident of the city of New York, Coney Island, borough of Brooklyn, county of Kings, and State of New York, have invented a new and Improved Amusement Apparatus, of which the following is a full, clear, and exact description.

This invention relates particularly to improvements in passage-ways through which people may walk, an object being to provide a device of this character so constructed as to have a vibratory motion in part, thus making it somewhat difficult for a person to walk through and affording amusement.

Other objects of the invention will appear in the general description.

I will describe an amusement apparatus embodying my invention and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation of an amusement device embodying my invention. Fig. 2 is a section on the line 2 2 of Fig. 1. Fig. 3 is a section on the line 3 3 of Fig. 1. Fig. 4 is a plan view of the entrance end of the device. Fig. 5 is a section on the line 5 5 of Fig. 1. Fig. 6 is a longitudinal section, and Fig. 7 is a sectional detail showing an eye-closing device employed.

The entrance to the device comprises a vertically-swinging platform 10, which forms the lower jaw of the representation of an animal or reptile, and the upper jaw is represented by a swinging member 11. Both these swinging jaws are covered with canvas or other textile material, so as to yield readily. The inner portion of the platform 10 is mounted to swing on a rod 12, supported in fixed bearings, and from the sides of this platform link-bars 13 extend upward and connect to the rear ends of bars 14, extending through the upper portion 11 and secured to the sides thereof, these bars 11 being mounted to swing on a rod 15, supported in hangers 16. On the under side of the platform 10 is a down-

wardly-extended projection 17, which is longitudinally curved and engages with a correspondingly-curved portion 18 on a lever 19, the said lever 19, of course, being extended along the under side of the platform and pivoted at one end, as at 20, while the other end is connected by a link 21 with an operating-lever 22. By this arrangement upon operating the lever 22 a vertical motion will be imparted to both the members 10 and 11, the said members moving toward and from each other. This is made possible by arranging the fulcrum-rod 15 forward of the pivotal points between the parts 13 and 14.

The lower member 10 has upwardly-projecting tooth-like members 23, while the upper member has downwardly-projecting tooth-like members 24. This upper member is provided with ears 25 and with a tusk 26. An air-pipe 27, leading from any desired source, connects with branch members 28 29, extending through the upper portion 11 and opening through the front end thereof. The air forced through these branches is designed to impart a hissing noise. I also provide the upper member 11 with two eyes, each consisting of a lens 30, and to convey the idea of winking or cutting off the light 31 at the inner side of each lens I provide shutters 32. These shutters are made in the form of curved plates connected to levers 33, operated by a spring-motor 34. It is to be understood, however, that any other suitable means may be employed for operating the shutters or eye-lenses.

Inward of the platform 10 is a fixed platform 35, and inward of this fixed platform is a vibrating floor. This consists of link-like strips of wood 36, mounted at one end on rods 37, supported by hangers 38. At the meeting ends of the strips 36 the said strips are mounted to swing on rods 39, which are supported by hangers 40, attached to an overhead support 41, and these hangers 40, as here shown, extend loosely through openings in bars 42, from which cables or chains 43 extend to connections with collars 44, mounted on crank portions 45 of a crank-shaft 46. It may be here stated that the several hangers 38 depend from fixed overhead supports 47. The crank-shaft may be rotated by any suitable means. I have

here shown it as provided with a gear-wheel 48, engaging with a pinion 49 on a driving-shaft 50.

The body of the apparatus—that is, the side walls and top thereof—consists of canvas or other flexible material 51, and this body material is supported at the fixed portions of the floor in frames 52, while the vibrating portions are supported in frames 53. At the sides of the body are steadying-bars 54, which are slotted to receive bolts from certain of the frame members, and on other frame members are loops 55, through which the bars loosely pass. At the outlet end is a fixed platform 56, over which a cover 57 is arranged, this cover consisting of any suitable material, such as canvas or asbestos.

Leading through the floor of the apparatus is an air-discharge pipe 58, which leads from any desired source, such as from a pump. This discharge of air is designed to ruffle the clothing of people passing through the apparatus.

In the operation as the crank-shaft rotates it will cause the sectional or link-like floor members to swing on the fixed rods 37, thus making it somewhat difficult for persons to walk through the apparatus.

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

1. An amusement apparatus, comprising a structural passage-way having vibratory sections, and a swinging inlet-platform.

2. An amusement apparatus, comprising a structural passage-way having swinging members at the inlet end, transparent disks in one of said members, shutters for said disks, and illuminating devices for the disks.

3. An amusement apparatus, comprising a structural passage-way having upper and lower members at the entrance end, transparent disks arranged in the upper member, shutters for said disks, means for operating the shutters, and illuminating devices inward of the disks.

4. An amusement apparatus, comprising a structural passage-way having fixed sections and moving sections, and an air-blast pipe leading into the passage-way.

5. An amusement apparatus, comprising a structural passage-way having vibratory sections, a crank-shaft, and connections between said shaft and said sections.

6. An amusement apparatus, comprising a structural passage-way, a swinging platform at the inlet end, a swinging upper member at said inlet end, and means for simultaneously swinging said members toward and from each other.

7. An amusement apparatus, comprising a structural passage-way, or body portion, a

swinging platform at the inlet end, a swinging upper member at said inlet end, means for simultaneously swinging said members, and an air-discharge device leading into said upper member.

8. An amusement apparatus, comprising a structural passage-way, a swinging platform at the inlet end, a swinging upper member at said inlet end, means for simultaneously swinging said members, and tooth-like projections on said members.

9. An amusement apparatus, comprising a structural passage-way, a swinging platform at the inlet end, a swinging upper member at said inlet end, means for simultaneously swinging said members, an air-discharge device leading into said upper member, and tooth-like projections on said members.

10. An amusement apparatus, comprising a structural passage-way, a swinging platform at the inlet end, a swinging upper member at the inlet end, link connections between said members, and a lever engaging with the platform and operating to swing both of said members.

11. An amusement apparatus, comprising a structural passage-way, a swinging platform at the inlet end, a fixed platform inward of said swinging platform, and vibratory floor-sections inward of said fixed platform.

12. An amusement apparatus, comprising a structural passage-way, a swinging platform at the inlet end thereof, a swinging member above the platform, means for swinging the platform and upper member simultaneously, a fixed platform inward of the swinging platform, a vibratory floor inward of said fixed platform, and an air-blast device leading through said floor.

13. An amusement apparatus, comprising a structural passage-way, a swinging platform at the inlet end thereof, a fixed platform at the outlet end thereof, and swinging floor-sections between the inlet and outlet.

14. An amusement apparatus, comprising a structural passage-way, a swinging platform at the inlet end, a floor inward of said platform consisting of link-like strips, fixed rods passing through the strips at one end, rods passing through the strips at the other end, hangers supporting said last-named rods, and means for imparting an up-and-down vibratory motion to said hangers.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FREDERICK WILLIAM THOMPSON.

Witnesses:

FRED McCLELLAN,
H. B. FIELDING.