Nov. 3, 1970 G. P. O'CONNELL 3,537,709

COMBINATION FORTUNE TELLING AND SMOKE EMITTING DEVICE

Filed March 20, 1969

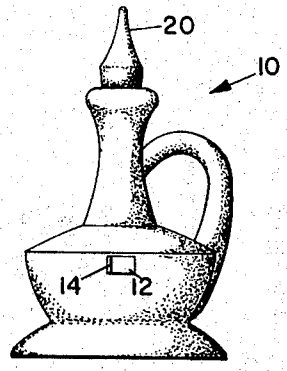


FIG. 1.

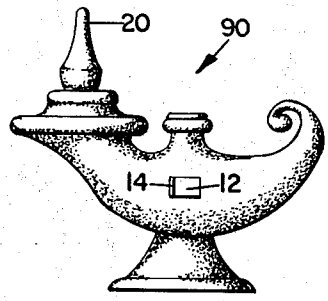


FIG. 2.

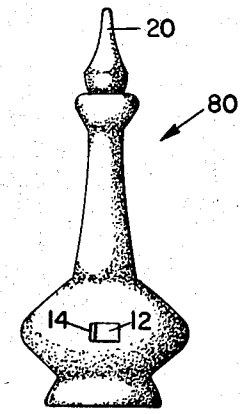


FIG. 3.

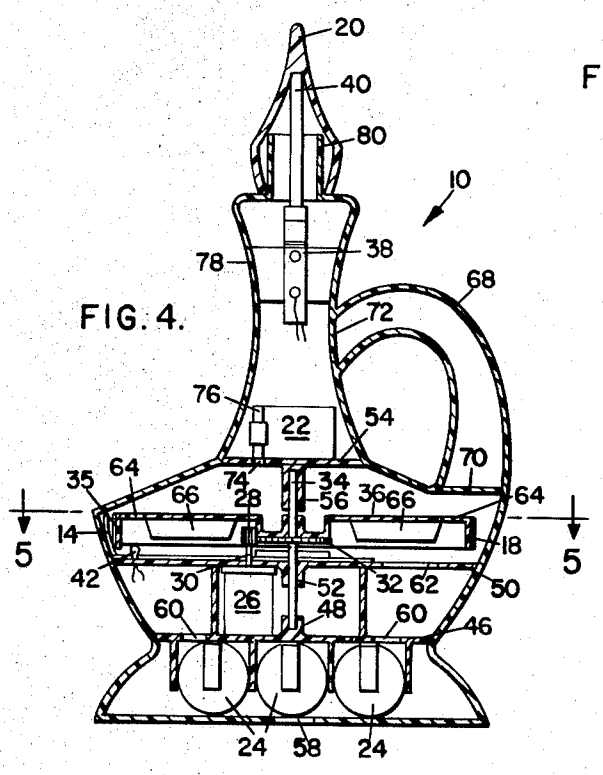


FIG. 4.

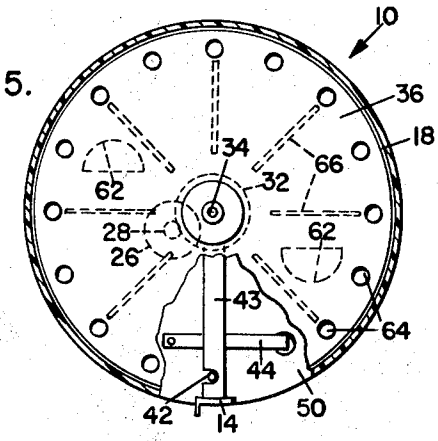


FIG. 5.

FIG. 6.

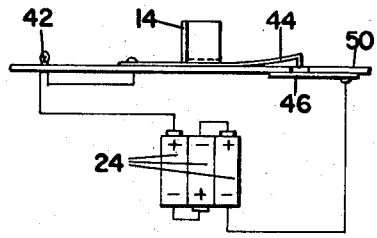


FIG. 7.

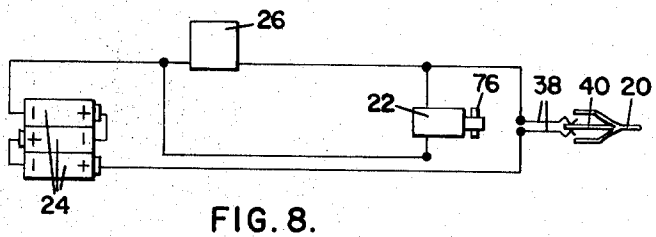


FIG. 8.

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COMBINATION FORTUNE TELLING AND SMOKE EMITTING DEVICE

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Int. Cl. A63h *33/28*
U.S. Cl. 273—161 6 Claims

ABSTRACT OF THE DISCLOSURE

A battery-powered combination fortune telling and smoke emitting device comprising an outer casing of fanciful form, a disc-like ring carrying the "fortunes" and a smoke generating unit within the casing and actuatable by removal of a cap from the casing, the disc-like ring rotating and the smoke generating unit emitting smoke so long as the cap is disengaged from the casing, and a slidable door selectively covering and uncovering a sight opening in the casing for selectively revealing and concealing the "fortune" on the disc-like ring, and a lamp for illuminating the "fortune" when the sight opening is uncovered.

BACKGROUND OF THE INVENTION

Field of the invention

Games and amusement devices for telling fortunes and emitting smoke.

Description of the prior art

While fortune telling games have been known for centuries, I am unaware of any device which combines the novel features of a smoke emitting unit and fortune telling means in a fanciful casing to provide a fascinating game or amusement device for children and adults alike.

SUMMARY OF THE INVENTION

A primary object is to provide a game or amusement device which will impart an amusing message or "fortune" while also emitting smoke from a fanciful casing.

Another object is to provide a casing which, in several of its preferred forms, will be in the shape of a "Genie" bottle or Aladdin's lamp to impart a realistic effect to the device.

As still another feature worthy of note, I provide novel means for revealing and illuminating the "fortune."

BRIEF DESCRIPTION OF THE DRAWING

FIG. 1 is an elevational view of a preferred form of game or amusement device embodying the invention;

FIGS. 2 and 3 are elevational views of modified forms of the invention;

FIG. 4 is an enlarged vertical sectional view taken through the FIG. 1 embodiment;

FIG. 5 is a cross sectional view taken on line 5—5 of FIG. 4;

FIG. 6 is an elevational view of the fortune telling ring of the game or amusement device of the invention;

FIG. 7 is a schematic representation of the switch means and circuitry for controlling the lighting of the lamp which illuminates the fortune telling ring; and

FIG. 8 is a schematic representation of the switch means and circuitry for controlling actuation of the smoke emitting means and fortune telling ring of the game or amusement device of the invention.

DESCRIPTION OF THE PREFERRED EMBODIMENTS

The invention is preferably housed in an attractive casing, such as the "Genie" bottles **10** and **80** of FIGS. 1 and 3 respectively or the Aladdin's Lamp **90** of FIG. 2, all of which may be conveniently molded from thermoplastic.

The style of the FIG. 1 casing is preferred in that its wide base and handle provide ample room for the several components making up the invention. However, any of the forms shown will accommodate the same basic components. Therefore, here following, while reference is had only to the FIG. 1 embodiment, the description will be understood to encompass the FIGS. 2 and 3 embodiments or any other form of casing.

Each casing is provided with a sight opening or window **12** which may be selectively opened or closed by a door or slide member **14** slidably related to the casing, so as to selectively reveal or conceal a message or "fortune" in the form of indicia **16** imprinted on a fortune telling ring **18** mounted for rotation within the casing.

A cap **20** simultaneously controls the actuation of fortune telling ring **18** and of a smoke generating unit **22** mounted within the casing, and of the type commonly found in the engines of toy electric trains for emitting puffs of smoke.

Power for the unit is preferably provided by a trio of 1.5 volt type "C" batteries **24** mounted in series within the casing. Of course, any other available power source may be employed.

A toy electric motor **26** mounted within the casing and powered by the batteries is provided with a pinion gear **28** on its output shaft **30**, the pinion gear meshing with a spur gear **32** fixed to an upright center shaft **34** of a disc-like support **36** which carries fortune telling ring **18** on a depending peripheral rim **35**, wherefore, as the motor output shaft rotates, support **36** and fortune-telling ring **18** are rotated therewith.

Actuation of smoke generating unit **22** and motor **26** is controlled by a switch **38** which is, in turn, controlled by a rod **40** depending from cap **20**, the rod serving to separate the contacts of the switch to break the circuit when the cap is in place on the casing. When the cap and its rod are removed from the casing, the switch contacts come together to complete the circuit to actuate smoke generating unit **22** which emits puffs of smoke and to actuate motor **26** to rotate disc **36** and its fortune telling ring **18**.

A tiny "grain of wheat" lamp **42** is provided within the casing and is preferably positioned immediately behind window **12** so that when the window is opened by moving door or slide member **14** to one side, the indicia **16** on fortune telling ring **18** is illuminated.

As best seen in FIG. 5, slide member **14** is fixed to the outer end of a pivot bar **43** which is pivoted at its inner end to shaft **34**.

Movement of slide member **14** in one direction lights lamp **42** and movement in the opposite direction extinguishes the lamp, same being accomplished by a spring-like contact **44** which is moved into engagement with a stationary contact **46** when the slide member is moved in one direction to complete the circuit to the lamp, the circuit being broken when the slide member is moved in the opposite direction since the natural resilience of the spring-like contact pulls it out of engagement with the stationary contact wherefore the light is extinguished.

Thus, when the slide member is moved to open window **12**, lamp **42** is lit and when slide member **14** closes window **12** the lamp is extinguished.

The interior of the casing is preferably divided into compartments for housing the several components described above. A first horizontal partition wall **46** separates the batteries from the motor and carries a hub **48** in which the lower end of shaft **34** is journalled.

A second horizontal partition wall **50** spaced above first wall **46** supports lamp **42** and spring-like contact **44** and has a hub **52** through which shaft **34** passes.

A third horizontal partition wall **54** spaced above second wall **50** supports smoke generating unit **22** and has a hub **56** in which the upper end of shaft **34** is journalled.

Disc-like support **36** and its fortune telling ring **18** are disposed between second and third partition walls **50** and **54**.

A novel air intake and distribution system, now to be described, is provided for forcibly driving the smoke from smoke generating unit **22** and out of the casing.

An air inlet opening **58** is provided in the bottom wall of casing, and air passageways in the form of openings **60** in first partition wall **46**, and openings **62** in second partition wall **50** are provided so that air can be drawn into the compartment housing rotatable disc **36**.

Disc **36** is provided with a plurality of circumferentially-disposed equi-spaced openings **64** adjacent its outer periphery to permit the passage of air therethrough.

A plurality of radial vanes **66** depend from the lower surface of disc **36** inwardly of openings **64**.

Rotation of disc **36** draws air into the casing through opening **58** and through the passageways **60** and **62** to impinge vanes **66** which deflect the air toward the outer periphery of the disc where it is drawn upwardly through the openings **64** in the disc.

Air cannot pass into a decorative handle **68** on the casing since the handle is closed off at its lower end by a wall **70** and at its upper end by a wall **72**.

Thus, the air is forced to pass upwardly to third partition wall **54**.

An opening **74** in third partition wall **54** communicates with the lower end of a smoke outlet tube **76** provided on smoke generating unit **22**, wherefore air passes through opening **74** and upwardly through tube **76** driving the smoke outwardly from the upper end of the tube into the neck **78** of the casing and outwardly to atmosphere through the open throat **80** of the casing when cap **20** is removed.

By this novel arrangement of rotating disc, vanes and air passageways, the smoke is forcibly driven from the interior of the casing in puffs or in a pulsating manner. Were no means provided for aiding the smoke generating unit, the smoke would simply drift lazily from the casing, same not being a desirable condition.

In operation of the game or amusement device, the cap **20** is removed from the throat **68** of casing **10** whereupon disc-like support **36** and fortune-telling ring **18** are rotated and smoke is forcibly emitted from the open mouth of the casing.

After several seconds, the cap is replaced on the throat to stop the emission of smoke and the rotation of ring **18**.

Slide member **14** is then moved to open window **12** whereupon lamp **42** is lit to illuminate the indicia **16** on

ring **18** which is visible through the open window, which indicia is preferably in the form of nonsensical sayings or silly predictions as shown.

This procedure is repeated as often as necessary to accommodate all players.

I claim:

1. A combination fortune-telling and smoke emitting device comprising,

a casing having an open end,

a cap releasably engaged with and normally closing off the open end,

a sight opening in the casing,

a door normally covering the sight opening,

a fortune telling ring carrying indicia thereon in the form of messages registrable with the sight opening and

a smoke generating unit both mounted within the casing, power means for effecting rotation of the fortune telling ring and emission of smoke by the smoke generating unit,

the power means being actuated by removal of the cap from the casing.

2. A combination fortune-telling and smoke emitting device according to claim **1**, including a lamp for illuminating the messages on the fortune telling ring when the door is opened.

3. A combination fortune telling and smoke emitting device according to claim **1**, including a switch controlled by the cap and a swttch controlled by the door.

4. A combination fortune telling and smoke emitting device according to claim **1**, wherein the fortune telling ring is mounted on a disc-like support having a plurality of circumferential openings therein and a plurality of depending radial vanes thereon for deflecting air to drive the smoke outwardly through the open end of the casing in a pulsating manner.

5. A combination fortune telling and smoke emitting device according to claim **1**, wherein the power means includes a plurality of batteries and a toy electric motor.

6. A combination fortune telling and smoke emitting device according to claim **1**, wherein the casing is in fanciful form.

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ANTON O. OECHSLE, Primary Examiner

U.S. Cl. X.R.

40—106.22; 46—9; 273—143