CLASS 446, AMUSEMENT DEVICES: TOYS

SECTION I - CLASS DEFINITION

This class is a specific class under the broader class of Amusement and Exercising Devices, and includes patents relating to devices of the type whose principal purpose is for the amusement or recreation of children, wherein there is some physical interaction between a person and the device.

(1) Note. Some devices, although referred to as toys, are classified in other classes on the basis of analogous structure or function. Also, working models or toys which would be operable devices if made of sufficient size, are generally classified with the operable device. See the search notes below.

(2) Note. This class provides for toys combined with or convertible from other devices.

SECTION II - REFERENCES TO OTHER CLASSES

SEE OR SEARCH CLASS:

40, Card, Picture, or Sign Exhibiting, appropriate subclasses for display devices, changeable exhibitors, etc., for attracting and holding the attention of a child or other person, but not intended for physical interaction between the device and viewer.

42, Firearms, subclasses 54+ for detonating toy firearms such as cap pistols.

84, Music, subclasses 1+ for a musical instrument, i.e., a sound-producing device which may be manipulated to play music. Class 446 takes devices which are capable of producing different tones, but are not intended to play music.

104, Railways, appropriate subclasses for miniature or toy railways. Class 446 takes toy railways wherein the energy for moving the rolling stock is supplied by the child, such as a wind-up toy, or where a feature peculiar to Class 446 is claimed, such as a toy building or accessory, or an animate simulation. Toy combinations including road surfaces without structure for engaging and physically guiding a vehicle are classified in Class 446 rather than Class 104.

105, Railway Rolling Stock, appropriate subclasses for miniature railway rolling stock. See particularly subclass 1.5, 29.1 and 157.2 for toy rolling stock. Class 446 takes claimed devices which include structure not suitable for a full-scale device, as well as all illumination features, per se, of toy railway vehicles (subclass 438).

116, Signals and Indicators, appropriate subclasses for mechanical signals, including alarms. Class 446 takes visual and audible devices whose purpose is for amusement or recreation.

124, Mechanical Guns and Projectors, appropriate subclasses, for mechanical missile projecting and throwing devices, including bows and arrows. Class 446 devices, other than toy guns, combined with or functioning as missile projectors are generally classified in Class 446.

213, Railway Draft Appliances, subclass 75 for toy couplers, except for claimed couplers which include a feature not suitable for a full scale device.

221, Article Dispensing, subclass 24 for an article dispenser not otherwise provided for in which the dispenser or supply receptacles are so formed or shaped as to simulate some object.

249, Static Molds, appropriate subclasses, particularly subclass 55 for a toy-like mold, per se.

273, Amusement Devices: Games, for an amusement apparatus or device which tests the skill of a person in accomplishing some result or which provides means by which a contest of skill or chance may be engaged in among two or more players. See particularly subclasses 108+ for game apparatus (other than a game projectile, per se) in which a game projectile is intended to travel over a playing surface at all times in its course or for an implement or device for projecting such a projectile for movement upon a playing surface, and subclasses 317+ for game apparatus (other than a game projectile, per se, or a projector, per se) in which a game projectile is projected into the air.

368, Horology: Time Measuring Systems or Devices, subclass 106 for a toy watch having a cheap or partial movement.

434, Education and Demonstration, appropriate subclasses for educational toys.

463, Amusement Devices: Games, for subject matter relating to the type of amusement, recreation, or play activity commonly known as a game, wherein one or more players or participants engage in a competition or contest

involving skill, ability, strategy, or chance, against either another player or players or against a device which is intended to function as a competitive player or players, in order to achieve an objective defined by a rule or rules specified for a particular competition or contest; whereby the ultimate outcome of said objective in such a competition or contest can be determined or indicated according to said specified rule or rules; the exception being that a game which includes or utilizes a tangible projectile, other than a propelled racing game or a chance device, classified herein is classified elsewhere.

472, Amusement Devices, particularly subclasses 6+ for a powered toy roundabout.

473, Games Using Tangible Projectile, for a device or apparatus for a game or sport in which a tangible projectile is used and which tests the skill of a person in accomplishing some sought result or which provides a means by which a contest of skill or chance may be engaged in among two or more participants, whereby the results of the contest can be determined by rules defined for the contest. See particularly subclasses 52+ for a ball used in the game of billiards or pool, subclasses 125+ for a ball used in the game of bowling, subclasses 351+ for a ball used in the game of golf, subclass 413 for a ball used in the game of croquet, subclass 414 for a projectile used in the game of hopscotch, subclasses 422+ for a projectile (or a simulation thereof) used to practice or train for play of a playing field or court game, and subclasses 569+ for a miscellaneous projectile used in playing a game, in general (e.g., a dart, arrow, quoit, horseshoe, boomerang, flying disk or saucer, hockey puck, beach ball, baseball, football, basketball, etc.). Class 473 will also take (a) an implement or device, per se, for projecting a game projectile such that it travels upon a playing surface at all times in its course, (b) a centrifugally or mechanically operated device for projecting or launching a game projectile into the air provided only that it is claimed in combination with at least one other game component (e.g., combined with a game projectile, a playing surface, tennis net, lacrosse goal, etc.), (c) a player held and powered implement, per se, for striking and thereby projecting a game projectile into the air, and (d) an implement or device for both projecting a projectile into the air and catching a projectile moving through the air.

SUBCLASSES

1 INCLUDING APERTURED BOARD AND ELEMENT HAMMERED INTO APERTURE:

This subclass is indented under the class definition. Device comprising a member having a plurality of holes in its surface, and an element corresponding in shape to a hole, wherein the method of operation is to strike an element with a tool to drive the element into a hole in the member.

2 DOMINO EFFECT:

This subclass is indented under the class definition. Device including a plurality of elements which are located or are intended to be located adjacent one another in an upright position, wherein the method of operation is to upset one which results in the toppling of the others in sequence.

3 INCLUDING VIBRATING OR HORIZONTALLY RECIPROCATING SUPPORT FOR TRAVELLING OBJECT OR TRAVELLING OBJECT THEREFOR:

This subclass is indented under the class definition. Device comprising a member having a horizontally extending surface over which an element is adapted to translate, wherein means are provided to move the surface alternately to-and-fro along the same path thereby causing movement of the element over the surface, or an element, per se, having structure which peculiarly adapts the element for translation over such a moving surface.

SEE OR SEARCH THIS CLASS, SUBCLASS:

360, for a figure suspended over and moved by a platform which is caused to strike the figure.

4 HAVING PORTIONS KNOCKED APART OR AWRY BY IMPACT:

This subclass is indented under the class definition. Device including a plurality of discrete parts and means connecting or holding the parts in contact or immediately adjacent on another, wherein said connecting or holding means is caused to release the parts upon force-

ful contact between the device and another member or a surface.

SEE OR SEARCH CLASS:

273, Amusement Devices: Games, subclass 380 for a target knocked apart by impact, but which is used in a game involving skill or competition.

5 Including portion serving as container for diverse articles (e.g., pinata):

This subclass is indented under subclass 4. Device wherein one of the discrete parts comprises a package or receptacle for a plurality of articles other than toys.

6 Vehicle:

This subclass is indented under subclass 4. Device which simulates the form of a conveyance for carrying or transporting something.

SEE OR SEARCH THIS CLASS, SUBCLASS:

435, for a wheeled vehicle having means for freeing or launching an object therefrom.

7 SIMULATION OF VEHICLE COCKPIT OR OF VEHICLE CONTROL:

This subclass is indented under the class definition. Device which represents the outward qualities and appearance of either (1) a space or compartment in a boat, aircraft, automobile or other conveyance from which it is piloted, steered, or otherwise controlled, or (2) a manipulatable mechanism normally found in such a space or compartment.

SEE OR SEARCH THIS CLASS, SUBCLASS:

154+, for a remote control mechanism for toy boats.

454+, for a remote control mechanism for wheeled toy vehicles.

SEE OR SEARCH CLASS:

280, Land Vehicles, subclass 1.12 for a wheeled, occupant propelled simulated aircraft having a simulated cockpit; and subclass 1.21 for other wheeled simulated aircraft in which the child sits.

434, Education and Demonstration, subclasses 29+ for simulators which instruct or test a vehicle operator.

472, Amusement Devices, particularly subclass 130 for an amusement type vehicle cockpit simulator in which a person sits.

8 TOY MONEY BOX:

This subclass is indented under the class definition. Device comprising a receptacle for the deposit and storage of money.

SEE OR SEARCH CLASS:

206, Special Receptacle or Package, subclasses .8+ for a coin receptacle and see the Search Notes thereunder for other related loci.

232, Deposit and Collection Receptacles, subclasses 4+ for a deposit and collection receptacle, per se, even if shaped to simulate some other object.

9 Having figure or mechanism operated or released by coin:

This subclass is indented under subclass 8. Device including the face or form of an animate being, or a mechanical movement, which is caused to move or is released for movement by the act of depositing money in the device.

10 Having coin depositing mechanism:

This subclass is indented under subclass 8. Device including mechanical means for placing the money into the receptacle.

11 Coin projector:

This subclass is indented under subclass 10. Device wherein the mechanical means imparts momentum to the money to send it through the air toward the receptacle.

(1) Note. Either a horizontal or upward vertical velocity component must be given to the coin to enable it to travel from the point of releases, through the air, and into the receptacle.

12 Coin depositing figure:

This subclass is indented under subclass 10. Device wherein the mechanical means comprises a simulation of an animate being, or portion thereof, which appears to be placing the money into the receptacle.

13 Having retractable coin slot or guard:
This subclass is indented under subclass 8. Device including an opening through which money is placed into the receptacle, wherein either (1) the opening is in a part mounted for movement between an open and closed or hidden position, or (2) a member is mounted for movement to alternately cover and uncover the receptacle opening.

14 OPERATED BY INTRINSIC TEMPERATURE CHANGE:
This subclass is indented under the class definition. Device including means activated or changed by an internal change in temperature.

15 HAVING MEANS FOR FORMING TRANSITORY BUBBLE:
This subclass is indented under the class definition. Device comprising means for producing a thin film of cohesive material inflated with air, wherein the air is sealed within the film solely by said cohesive property.

(1) Note. Device which form bubbles under water are excluded.

SEE OR SEARCH CLASS:
40, Card, Picture, or Sign Exhibiting, subclass 408 for a store window type display device having bubble forming means.
516, Colloid Systems and Wetting Agents; Subcombinations Thereof; Processes of Making, Stabilizing, Breaking, or Inhibiting, subclasses 10+ for foam colloid systems or agents for such systems or making or stabilizing such systems or agents, when generically claimed or when there is no hierarchically superior provision in the USPC for the specifically claimed art.

16 Including movably mounted means to dip orificed member into solution:
This subclass is indented under subclass 15. Device including apertured means for holding a thin film of liquid while it is being inflated, and means for holding a supply of liquid, wherein the film-holding means is movable into and from the liquid supply to cover the aperture with a film of liquid and dispense a bubble.

17 And mouthpiece:
This subclass is indented under subclass 16. Device including a portion adapted to be engaged by the mouth of a person and which directs expelled breath to the thin film of liquid to inflate the bubble.

18 And variable size air chamber:
This subclass is indented under subclass 16. Device including an expandable and contractible compartment for forcing air toward the thin film of liquid to inflate the bubble.

19 Including mouthpiece:
This subclass is indented under subclass 15. Device including a portion adapted to be engaged by the mouth of a person and which directs expelled breath to the thin film of the liquid to inflate it with air.

SEE OR SEARCH CLASS:
131, Tobacco, subclasses 320+ for a smoking device such as a pipe.

20 And solution reservoir with discrete intermediate passage leading to bubble-forming area:
This subclass is indented under subclass 19. Device including a receptacle for storing a cohesive liquid, wherein said receptacle has an opening formed therein through which the solution passes to a separate area where a thin film of the solution is inflated by the expelled breath to form a bubble.

21 Including variable sized air chamber:
This subclass is indented under subclass 15. Device including an expandable and contractible compartment for forcing air toward the thin film of liquid to inflate the bubble.

22 SPARKING:
This subclass is indented under the class definition. Device which includes means for throwing out glowing particles struck from a mass, or for forming an electrical discharge across an air gap.

23 Figure, wheeled, or simulated weapon:
This subclass is indented under subclass 22. Device comprising either (1) a simulation of an animate being or portion thereof, (2) a generally round rotatable element upon which the

sparking portion may be rolled along a surface, or (3) a simulated instrument of offensive or defensive combat.

24 SMOKING:
This subclass is indented under the class definition. Device including means for forming or passing a volume of gas made visible by the presence of either small particles suspended therein, or a vapor which is intended to simulate the same effect.

SEE OR SEARCH CLASS:
40, Card, Picture, or Sign Exhibiting, subclass 407 for a display device which includes smoke emitting means.
516, Colloid Systems and Wetting Agents; Subcombinations Thereof; Processes of Making, Stabilizing, Breaking, or Inhibiting, subclasses 1+ for continuous gas or vapor phase colloid system (e.g., smoke, fog, aerosol, cloud, mist) or agents for such systems or making or stabilizing such systems or agents, when generically claimed or when there is no hierarchically superior provision in the USPC for the specifically claimed art.

25 Wheeled vehicle:
This subclass is indented under subclass 24. Device wherein the means for forming or passing the visible volume of gas is supported by a generally round rotatable element upon which it may be rolled along a surface.

SEE OR SEARCH THIS CLASS, SUBCLASS:
431+, for other toy wheeled vehicles, and see the Search Notes thereunder for related loci.

26 BODY-CARRIED OR WORN:
This subclass is indented under the class definition. Device which is specifically configured or is provided with means whereby it may be supported on a person.

(1) Note. Excluded from the subclass are patents to devices which are gripped and supported by the hand, such as hand puppets.

(2) Note. Devices which are maintained about a portion of the body solely by a whirling motion (e.g., “hulahoop”) are excluded from this subclass.

(3) Note. This subclass includes a toy attached to the clothes.

SEE OR SEARCH THIS CLASS, SUBCLASS:
236+, for a hoop maintained about a portion of the body solely by a whirling motion.
327+, for a hand puppet.

SEE OR SEARCH CLASS:
63, Jewelry, appropriate subclasses for an ornamental device worn on the body, and which may have an active portion.
224, Package and Article Carriers, subclasses 101+ for a body carrier by which a toy is transported.
472, Amusement Devices, particularly subclass 133 for a body attached, worn, or carried amusement device appropriate therefor.

27 Facial, head, or neck:
This subclass is indented under subclass 26. Device which is directly or indirectly supported by the face, head, or neck of the person.

SEE OR SEARCH CLASS:
2, Apparel, subclasses 171+ for head coverings in general, especially subclass 206 for ornamental masks.

28 Torso:
This subclass is indented under subclass 26. Devise which derives its support from direct engagement with either the trunk of the person, or an intermediate article worn or carried on the person's trunk.

29 STRADDLED:
This subclass is indented under the class definition. Device wherein the method of operation entails sitting or standing astride the device.

(1) Note. This subclass includes stick horses.

30 TETHERED-FIXED WING AIRCRAFT:
This subclass is indented under the class definition. Device comprising an airplane or glider, or simulation thereof, which is constrained to move at or about a radius determined by the length of an elongated member connected at one end to the aircraft.

(1) Note. This subclass includes as original copies patents claiming only the control handle for a tethered airplane.

SEE OR SEARCH THIS CLASS, SUBCLASS:
247, for other tethered toys.

SEE OR SEARCH CLASS:
40, Card, Picture, or Sign Exhibiting, subclass 413 for a fluid operated hood ornament in the form of a tethered aircraft.
242, Winding, Tensioning, or Guiding, subclasses 370+ for a reeling device, particularly subclasses 345+ for a reeling device adapted to be held in a user's hand.

31 Tether-manipulated control or mechanism:
This subclass is indented under subclass 30. Device wherein the elongated member is connected to the aircraft in manner whereby relative movement between the elongated member and aircraft causes operation of means carried by the aircraft.

32 Elevator control only:
This subclass is indented under subclass 31. Device wherein the only means operated by an elongated member comprises an airfoil which, when moved, results in pitching movements of the aircraft about its lateral axis.

33 Including aircraft-carried propulsion means:
This subclass is indented under subclass 30. Device including means on the aircraft itself for supplying power to drive the aircraft through the air.

SEE OR SEARCH THIS CLASS, SUBCLASS:
56, for jet-propelled untethered toy aircraft.
57+, for propeller-driven untethered toy aircraft.
232, for a nonflying toy aircraft having a motor-driven propeller.

SEE OR SEARCH CLASS:
472, Amusement Devices, particularly subclasses 7+ for a powered toy type roundabout having an article, e.g., an airplane, etc., supported by a tether as it is mechanically propelled along a circuitous path about a central pylon, tower, pole, pedestal, etc.

34 AERODYNAMICALLY SUPPORTED OR RETARDED:
This subclass is indented under the class definition. Device including a surface which, when moved relative to the surrounding air, reacts with the air to either support the weight of the device, or to restrict its velocity.

SEE OR SEARCH THIS CLASS, SUBCLASS:
88, for a model airplane adapted to be assembled from a kit, and with no aerodynamic features.
237+, for a simulated aerial device (i.e., nonflying).

SEE OR SEARCH CLASS:
40, Card, Picture, or Sign Exhibiting, subclass 413 for an automobile hood ornament in the form of an aircraft and which is caused to rise by the relative wind.
124, Mechanical Guns and Projectors, for a centrifugally or mechanically operated device, per se, for launching a projectile into the air (e.g., a sling, bow, baseball or tennis ball pitching machine, slingshot, etc.).
244, Aeronautics, appropriate subclasses for kites, and full size aeronautic devices. Inventions which apply logically to full size devices for actual use in carrying persons or cargo are classified in Class 244. All other toy or model aircraft are classified in Class 446.
273, Amusement Devices: Games, subclasses 317+ for an aerial projectile claimed in combination with at least one other game component and for an

implement or mechanically operated device for projecting or launching a game projectile into the air provided that it is claimed in combination with at least one other game component.

473, Games Using Tangible Projectile, subclasses 569+ for an aerial projectile, per se, used for play of a game or sport, which projectile may be aerodynamically supported or retarded (e.g., a boomerang, flying disc or saucer, etc.). Also included in Class 473 are (a) a centrifugally or mechanically operated device for projecting or launching such aerial projectile provided only that it is claimed in combination with at least one other game component such as a game projectile, (b) a player held and powered implement, per se, for striking and thereby projecting such aerial projectile, and (c) an implement or device, per se, for both projecting and catching an aerial projectile.

35 Ornithopter:
This subclass is indented under subclass 34. Device including flapping wings for supporting and propelling the device.

SEE OR SEARCH CLASS:
244, Aeronautics, subclass 11, 22, and 28 for aircraft sustained aloft by beating wings.

36 Including rotary wing (e.g., helicopter, flying propeller, autogyro, etc.):
This subclass is indented under subclass 34. Device including an airfoil which revolves about an axis to develop lift to support or retard the device.

SEE OR SEARCH CLASS:
244, Aeronautics, subclasses 17.11+ for a full-size rotary wing aircraft, or a reduced size aircraft where the invention applies logically to full sized ones.
473, Games Using Tangible Projectile, subclasses 569+ for an aerial projectile used for play of a game or sport, which projectile may be aerodynamically supported or retarded, particularly subclass 590 for a boomerang.

37 And means to rotate wing:
This subclass is indented under subclass 36. Devices including means for revolving the airfoil about the axis to develop lift.

SEE OR SEARCH THIS CLASS, SUBCLASS:
248, and 259, for means to spin a top or other spinning toy.

SEE OR SEARCH CLASS:
180, Motor Vehicles, subclasses 116+ for ground effect vehicles.
472, Amusement Devices, particularly subclasses 7+ for a powered toy type roundabout having an article, e.g., a helicopter, etc., supported by a tether as it is mechanically propelled along a circuitous path about a central pylon, tower, pole, pedestal, etc.

38 Separable rotating means:
This subclass is indented under subclass 37. Device wherein the means for revolving the airfoil detaches from the airfoil.

39 Including resilient actuator:
This subclass is indented under subclass 38. Device wherein the detachable means includes an elastically deformable material which is deformed to store energy and then released to rotate the airfoil.

SEE OR SEARCH THIS CLASS, SUBCLASS:
260, for a spring impeller for a top.

40 Including flaccid pulling element:
This subclass is indented under subclass 38. Device wherein the separable means comprises an elongated member formed of a nonself-sustaining pliant material and which is intended to be wrapped about a portion connected to the airfoil and then pulled to rotate the airfoil.

SEE OR SEARCH THIS CLASS, SUBCLASS:
248, and 261, for cord impeller for spinning a top.

41 Having rewinding spring or plural discrete flaccid elements:
This subclass is indented under subclass 40. Device including either (1) an elastically deformable member which causes the elongated pliant member to be rewrapped about the portion connected to the airfoil, or (2) a second, individually distinct elongated member formed of a nonself-sustaining pliant material and adapted to be wrapped about a portion connected to the airfoil and then pulled to rotate the airfoil.

SEE OR SEARCH THIS CLASS, SUBCLASS:
249, for similar actuating means for a top.

42 Flaccid element wound about and in contact with portion which moves aloft:
This subclass is indented under subclass 40. Device wherein the portion about which the elongated pliant member is wrapped remains with the airfoil while it flies.

43 Including spiral actuator:
This subclass is indented under subclass 38. Device wherein the separable means comprises a twisted or helically fluted member which is adapted to engage cooperating structure connected to the airfoil and is then pushed or pulled to rotate the airfoil.

SEE OR SEARCH THIS CLASS, SUBCLASS:
241, for a nonflying toy which is caused to rotate by a spiral actuator.

44 Including elastomeric actuator:
This subclass is indented under subclass 37. Device including a member formed of rubber or a material of similar characteristics which is elastically deformed to store energy, and is then released to rotate the airfoil.

45 And projector:
This subclass is indented under subclass 36. Device combined with means to cast the revolving airfoil upwardly or outwardly, whereby the airfoil rotates freely to provide lift.

SEE OR SEARCH THIS CLASS, SUBCLASS:
54, for a parachute and projector therefor.
63+, for a glider and projector therefor.
380+, for a projector for a figure toy.
429+, for a vehicle projector.

SEE OR SEARCH CLASS:
124, Mechanical Guns and Projectors, for a centrifugally or mechanically operated device, per se, for launching a projectile into the air (e.g., a sling, bow, baseball or tennis ball pitching machine, slingshot, etc.).
273, Amusement Devices: Games, subclasses 317+ for an implement or mechanical device for projecting or launching a game projectile into the air, which implement or device is claimed in combination with at least one other game component such as a target, projectile, etc.
473, Games Using Tangible Projectile, subclasses 569+ for an aerial projectile used for play of a game or sport, which projectile may be aerodynamically supported or retarded (e.g., a boomerang, flying disc or saucer, etc.). A launcher for such aerial projectile may be included in Class 473 provided that it is claimed in combination with another game component such as a game projectile.

46 Spinning disc (e.g., flying saucer):
This subclass is indented under subclass 34. Device wherein the surface is in the shape of a flat or concave disk adapted to be spun and sailed through the air.

SEE OR SEARCH CLASS:
473, Games Using Tangible Projectile, subclasses 569+ for an aerial projectile used for play of a game or sport, which projectile may be aerodynamically supported or retarded, particularly subclasses 588+ for a flying disc, ring, or saucer.

47 With electric light or sounder:
This subclass is indented under subclass 46. Device including either an electrically powered means for producing illumination, or means for

producing mechanical wave energy which can be perceived by the sense of hearing.

SEE OR SEARCH THIS CLASS, SUBCLASS:
213+, for a fluid operated sounder, per se.
242, for a nonflying, rotating toy having an electric light or an electric sounder.
486, the residual locus for toys having an electric light.

48 Having through air passage:
This subclass is indented under subclass 46. Device wherein the disk is provided with an opening through which air may pass across the thickness of the disk as it travels through the air.

SEE OR SEARCH CLASS:
473, Games Using Tangible Projectile, subclasses 569+ for an aerial projectile used for play of a game or sport, which projectile may be aerodynamically supported or retarded, particularly subclass 589 for a flying ring.

49 Parachute:
This subclass is indented under subclass 34. Device including a collapsible cupped or curved surface for retarding the velocity of an object attached thereto.

SEE OR SEARCH CLASS:
244, Aeronautics, subclasses 142+ for a parachute, per se.

50 Released from airplane or simulated airplane:
This subclass is indented under subclass 49. Device wherein the collapsed surface is carried by a toy fixed-wing aircraft from which it is discharged to assume an open, velocity retarding position.

SEE OR SEARCH CLASS:
102, Ammunition and Explosives, subclass 337, 348, 387 for projectiles having a retarding chute.
244, Aeronautics, subclass 113 for aerodynamic retarding devices for aircraft.

51 Released from container:
This subclass is indented under subclass 49. Device including a receptacle into which the collapsed surface is placed, and from which it is discharged to assume an open, velocity retarding position.

SEE OR SEARCH CLASS:
102, Ammunition and Explosives, subclass 337, 348, 354, and 387 for projectiles having a retarding chute.

52 From rocket or simulated rocket:
This subclass is indented under subclass 51. Device wherein the receptacle comprises a toy missile powered by a rocket engine, or a simulation of a missile.

SEE OR SEARCH CLASS:
244, Aeronautics, subclass 113 for aerodynamic retarding devices for aircraft.

53 Container detached from parachute:
This subclass is indented under subclass 51. Device wherein the collapsible surface is completely separated from the receptacle after it is ejected therefrom.

54 And separable projector:
This subclass is indented under subclass 49. Device including detachable means for casting the collapsed cupped or curved surface upwardly or outwardly.

SEE OR SEARCH THIS CLASS, SUBCLASS:
45, for a rotary wing device and projector therefor.
63+, for a glider and projector therefor.
308+, for a projector for a figure toy.
429+, for a vehicle projector.

SEE OR SEARCH CLASS:
124, Mechanical Guns and Projectors, for a centrifugally or mechanically operated device, per se, for projecting a projectile into the air.
273, Amusement Devices: Games, subclasses 317+ for an implement or mechanical device for projecting or launching a game projectile into the air, which implement or device is claimed in combination with at least

one other game component such as a target, projectile, etc.

473, Games Using Tangible Projectile, subclasses 569+ for an aerial projectile used for play of a game or sport, which projectile may be aerodynamically supported or retarded (e.g., a boomerang, flying disc or saucer, etc.). A launcher for such aerial projectile may be included in Class 473 provided that it is claimed in combination with another game component such as a game projectile.

55 Having retractable landing gear:
This subclass is indented under subclass 34. Device including a ground engaging wheel, and means for movably mounting the wheel on the device for movement between a position of use and a storage position.

56 Jet-propelled:
Device under 34 which is moved on direction by discharging a stream of fluid in the opposite direction through a small opening or nozzle.

SEE OR SEARCH THIS CLASS, SUBCLASS:

33, for a jet-propelled tethered toy aircraft.

211, for jet-propelled toys which are not aerodynamically supported by an airfoil, and see the search notes thereunder for other related loci.

SEE OR SEARCH CLASS:

244, Aeronautics, subclasses 4+ for full size jet aircraft, as well as toy jet aircraft where the invention would logically apply to full size aircraft; and subclasses 73+ for jet propulsion systems for full size aircraft.

57 Having motor-driven propeller:
This subclass is indented under subclass 34. Device including a rotating airfoil to provide forward thrust, and energy transducing or storing means for supplying power to rotate the airfoil.

(1) Note. Toy aircraft having engine starters which fall within the scope of this definition will be found in this and indented subclasses.

SEE OR SEARCH THIS CLASS, SUBCLASS:

33, for a propeller-driven tethered aircraft.

37+, for a toy aircraft having a propeller which provides vertical lift.

232, for a nonflying toy aircraft having a motor-driven propeller.

58 Gear-driven or having plural propellers:
This subclass is indented under subclass 57. Device wherein either (1) a driven member is provided having teeth thereon which engage the teeth on a second rotatable member to rotate the second member and thereby the airfoil, or (2) the rotating airfoil is mounted on a first rotatable portion, and a second rotating airfoil is provided and is mounted on a second rotatable portion individually distinct from the first portion.

59 Elastomeric motor (e.g., rubber band):
This subclass is indented under subclass 57. Device wherein the energy transducing or storing means comprises an elastically deformable member formed of rubber or a substance which exhibits similar characteristics.

60 Enclosed:
This subclass is indented under subclass 59. Device wherein a substantial portion of the elastically deformable member is surrounded on at least three sides by structural members extending along the length of the elastically deformable member.

61 Glider:
This subclass is indented under subclass 34. Device having an airfoil which is caused to travel through the air by either releasing it at a height over a surface over which it will fly, or by supplying an initial impulse to project it forward or upward.

SEE OR SEARCH THIS CLASS, SUBCLASS:

36, for a device having a freely rotating airfoil to retard its descent.

SEE OR SEARCH CLASS:

244, Aeronautics, subclass 16 for a full size glider, or a toy glider where the invention would logically apply to a

full size device; and see subclass 154 for airplane type kites which are structurally similar to gliders, but which are held against the relative wind by a line.

62 Having folding wing:
This subclass is indented under subclass 61. Device wherein one section of the airfoil is swingably mounted to another section of the airfoil whereby an overall dimension of the airfoil may be reduced.

SEE OR SEARCH THIS CLASS, SUBCLASS:
109, for a construction toy having a foldable panel.
487, for other foldable or collapsible toys.

SEE OR SEARCH CLASS:
244, Aeronautics, subclass 49 for a folding wing applicable to full size aircraft.

63 And projector or launcher:
This subclass is indented under subclass 61. Device including either means for imparting an initial impulse to the airfoil, or separable means from which the airfoil is thrown into the air.

SEE OR SEARCH THIS CLASS, SUBCLASS:
45, for a rotary wing device and projector therefor.
54, for a parachute and a projector therefor.
308+, for a projector for a figure toy.
429+, for a vehicle projector.

SEE OR SEARCH CLASS:
124, Mechanical Guns and Projectors, for a centrifugally or mechanically operated device, per se, for projecting a projectile into the air.
244, Aeronautics, subclass 63 for an aircraft launcher for operative aircraft.
273, Amusement Devices: Games, subclasses 317+ for an implement or mechanical device for projecting or launching a game projectile into the air, which implement or device being claimed in combination with at least one other game component such as a target, projectile, etc.
473, Games Using Tangible Projectile, subclasses 569+ for an aerial projectile used for play of a game or sport, which projectile may be aerodynamically supported or retarded (e.g., a boomerang, flying disc or saucer, etc.). A launcher for such aerial projectile may be included in Class 473 provided that it is claimed in combination with another game component such as a game projectile.

64 Resiliently biased projector:
This subclass is indented under subclass 63. Device wherein the means for imparting an initial impulse to the airfoil comprises a member which is deformed elastically and then supplies the impulse while returning to its initial undeformed state.

SEE OR SEARCH THIS CLASS, SUBCLASS:
430, for a resiliently biased projector for a toy wheeled vehicle.

65 Including means to retain resilient propulsion member in stressed condition:
This subclass is indented under subclass 64. Device wherein releasable means are provided to hold the elastically deformable member in its deformed state.

66 Having adjustable mounted airfoil:
This subclass is indented under subclass 61. Device including a fluid reaction surface or a distinct portion thereof which is attached to the device by means which permits the surface or portion to be moved to any one of a plurality of positions.

67 Having longitudinally folded or creased fuselage:
This subclass is indented under subclass 61. Device including a distinct elongated main body portion to which the airfoil is attached, wherein the body portion is formed from a section of sheet material which is either doubled over or bent along a line extending in the direction of the length of the main body portion.

68 Having ballast feature:
This subclass is indented under subclass 61. Device including a discrete mass or high density portion which improves stability or control of the device while in flight.

69 HAVING SEPARABLE NESTED PARTS:
This subclass is indented under the class definition. Device including a plurality of parts, separable for playing, and which are dimensioned and configured to closely fit one within another, wherein the inner surface of one part is similar in shape to the outer surface of another part.

SEE OR SEARCH CLASS:
206, Special Receptacle or Package, subclass 514 and 515 for special receptacles or closures having nesting features.
220, Receptacles, subclass 380 for closures having features for nesting within one another.

70 SAND CONSTRUCTION:
This subclass is indented under the class definition. Device including means provided specifically for playing with sand.

SEE OR SEARCH THIS CLASS, SUBCLASS:
166+, for a toy which is operated by a gravity fed fluent material such as sand.

71 CONVERTIBLE FROM, OR SERVING AS DIVERSE ARTICLE:
This subclass is indented under the class definition. Device wherein either (1) the device enable an article other than a toy be used as a toy, or (2) all or a portion of the toy device is usable, with or without modification, as an article other than a toy.

(1) Note. This definition is not intended to encompass a toy constructed of edible material, per se.

(2) Note. Regarding part (2) above, a device which instructs as the child plays with it is not considered to serve as a diverse article on the basis.

SEE OR SEARCH CLASS:
434, Education and Demonstration, for a toy which instructs as the child plays with it.

72 Including figure toy:
This subclass is indented under subclass 71. Device comprising a simulation of the face or form of an animate being.

73 Diverse article is container, holder, or support:
This subclass is indented under subclass 72. Device wherein the article other than a toy comprises either a receptacle or means to grip or to sustain a discrete object against the force of gravity.

SEE OR SEARCH CLASS:
206, Special Receptacle or Package, subclass 457 for a receptacle or package shaped to represent a figure.
229, Envelopes, Wrappers, and Paperboard Boxes, subclass 116.3 for an ornamental box which is shaped to simulate a figure.

74 Diverse article is fluid container or handbag:
This subclass is indented under subclass 73. Device wherein the article other than a toy comprises either a receptacle for a fluid, or bag held in the hand or hung from a shoulder strap and used for carrying small personal articles or money.

SEE OR SEARCH CLASS:
150, Purses, Wallets, and Protective Covers, subclasses 100+ for body construction of a handbag.

75 Including container for storing toy parts:
This subclass is indented under subclass 71. Device wherein a portion of the device is used as a receptacle for holding other parts of the device when not in use.

76 Container having shape of specific article:
This subclass is indented under subclass 71. Device wherein the article other than a toy comprises a receptacle configured to simulate the appearance of something.

SEE OR SEARCH CLASS:
206, Special Receptacle or Package, subclass 457 for a receptacle or package shaped to simulate something.
229, Envelopes, Wrappers, and Paperboard Boxes, subclasses 116.1+ for an ornamental container (e.g., a container shaped to simulate something).

77 Including toy appurtenance attachable to container:
This subclass is indented under subclass 71. Device which includes a subordinate part or adjunct which is connectable to a receptacle to form an amusement or recreation device under the class definition.

78 Rollable wheel:
This subclass is indented under subclass 77. Device comprising a generally round ground engaging element adapted to rotate about an axle and which, when connected to the receptacle, enables the receptacle to be used as a vehicle rollable about on the element.

79 Having severable portion (i.e., score line):
This subclass is indented under subclass 71. Device which is adapted to be cut along a line in a process of modifying the device to enable its use as a toy.

80 Including fold line (to convert to toy):
This subclass is indented under subclass 71. Device in which one portion is adapted to be bent about a line toward another portion in a process of modifying the device to enable its use as a toy.

SEE OR SEARCH THIS CLASS, SUBCLASS:
488, for other toys constructed from folded sheet material, and see the search notes thereunder for related loci.

SEE OR SEARCH CLASS:
229, Envelopes, Wrappers, and Paperboard Boxes, subclass 103 for a convertible paperboard box.

81 Including sounding toy:
This subclass is indented under subclass 71. Device including means specifically provided for generating sound.

SEE OR SEARCH THIS CLASS, SUBCLASS:
397+, for a sounding toy, per se, and see the search notes to that subclass for other related loci.

SEE OR SEARCH CLASS:
116, Signals and Indicators, subclasses 2+ for a mechanical signal (e.g., alarm) combined with a diverse art device.

82 TOY THEATER:
This subclass is indented under the class definition. Device comprising a simulation of a structure or area for showing motion pictures or for performances or shows.

SEE OR SEARCH THIS CLASS, SUBCLASS:
476+, for other toy buildings.

SEE OR SEARCH CLASS:
472, Amusement Devices, particularly subclasses 75+ for a stage apparatus or setting appropriate therefor which is not a toy.

83 Including movable figure:
This subclass is indented under subclass 82. Device including a simulation in the form of an animate being which may be moved from one location to another, or having a portion which may be moved relative to another portion.

SEE OR SEARCH THIS CLASS, SUBCLASS:
330+, for a figure toy having a mechanism or manipulatable means to move the figure or a portion thereof, and see the search notes thereunder for other related loci.

84 Including marionette:
This subclass is indented under subclass 83. Device wherein the simulation in the form of an animate being has jointed limbs which are moved by manipulation of attached wires, rods, or strings.

SEE OR SEARCH THIS CLASS, SUBCLASS:
359+, for other marionettes.

85 CONSTRUCTION TOY:
This subclass is indented under the class definition. Device comprising a plurality of parts for assembling, wherein the child plays with the device by assembling, disassembling, or relatively arranging the parts.

(1) Note. Mere recitation in a claim that a part is "detachable" from a toy is not in itself sufficient to cause classification as a construction toy as defined above. Although the toy may be an operable device in assembled form, a primary purpose of the toy must be the amusement of the child by assembling or disassembling the toy.

SEE OR SEARCH THIS CLASS, SUBCLASS:
69, for a plurality of parts for assembling and disassembling, wherein the parts are sized and configured to fit one within another.

SEE OR SEARCH CLASS:
52, Static Structures (e.g. Buildings), appropriate subclasses for construction elements specifically for use in full size constructions; especially subclasses 578+ for connectable modules or panels; subclasses 596+ for stonelike modules; and subclasses 720.1+ for a shaft type construction member.
273, Amusement Devices: Games, subclasses 156+ for puzzles.
428, Stock Material or Miscellaneous Articles, subclass 8 for a knockdown special occasion ornament.

86 With special tool or workholder:
This subclass is indented under subclass 85. Device including a hand-manipulatable implement means or means to grip and support a part to assist the child in assembling or disassembling the parts.

87 For assembly into permanent form (i.e. non-separable):
This subclass is indented under subclass 85. Device wherein the parts are permanently fixed by the child.

(1) Note. Many toys are purchased in unassembled form, to be assembled prior to their first use, and many patents address the ease with which a toy is assembled. The original patents in this subclass; however, disclose toys in which a primary purpose is that the child carry out the assembly into a permanent form. A typical example is the "cut-paste" toy.

88 Vehicle (e.g., aircraft, automobile):
This subclass is indented under subclass 87. Device wherein the parts are assembled to form a simulation of a conveyance for carrying or transporting something.

SEE OR SEARCH THIS CLASS, SUBCLASS:
160+, for a toy boat.
230+, for a toy aircraft.
431+, for a toy wheeled vehicle.

89 Including fluid conduit:
This subclass is indented under subclass 85. Device wherein the assembled parts define or have attached thereto a channel through which something is conveyed or routed.

90 Including motor:
This subclass is indented under subclass 85. Device including mechanical means for operating the device or a portion thereof, and energy transducing or storage means for supplying power to said mechanical means.

(1) Note. "Energy transducing means" is intended to include any device which converts one form of energy into another (e.g., electric motor, solar cell, turbine, etc.).

91 Including electrical feature or assembly:
This subclass is indented under subclass 85. Device including means operated by, conducting, or producing a flow of electrical energy.

SEE OR SEARCH THIS CLASS, SUBCLASS:
484+, for other toys having an electrical feature, and see the search notes thereunder for other related loci.

SEE OR SEARCH CLASS:
238, Railways: Surface Track, subclasses 14.05+ for electrical connection features between railway surface track.

92 Including permanent magnet or suction cup to secure elements:
This subclass is indented under subclass 85. Device wherein one of the parts includes either (1) magnetized material for attracting another part whereby the parts are retained in assembled relationship by magnetic attraction, or (2) a concave member formed of pliant material which is adapted to form a sealed chamber with a surface on the other part, wherein said chamber is placed under subatmospheric pressure to retain the two parts in assembled relationship.

SEE OR SEARCH CLASS:
434, Education and Demonstration, subclass 73 for constructible architectural demonstration models which include a magnet.

93 Vehicle:
This subclass is indented under subclass 85. Device comprising a simulated conveyance for carrying or transporting something.

(1) Note. Placing a figure in or on a vehicle to represent a driver or rider is not considered to be a construction toy for the purpose of this and indented subclasses.

94 Alternative vehicular forms:
This subclass is indented under subclass 93. Device wherein the parts may be arranged or assembled in any of a plurality of relative positions which correspond to a plurality of vehicle shapes.

95 Wheeled:
This subclass is indented under subclass 93. Device wherein the simulated conveyance is rendered ambulant by rounded members attached thereto and upon which it may roll over a surface.

SEE OR SEARCH THIS CLASS, SUBCLASS:
279+, for a vehicle having a removable rider or driver.
431+, for other toy wheeled vehicles and see the search notes thereunder for related loci.

96 And pulling member or extrinsic guide:
This subclass is indented under subclass 95. Device including either (1) an element or portion connected to or formed on the vehicle and adapted to be gripped by the child to roll the vehicle over the surface, or (2) structure external to and engaged by the vehicle for constraining its movement to a predetermined path, wherein the structure does not form part of the vehicle.

SEE OR SEARCH THIS CLASS, SUBCLASS:
444+, for other rolling toys guided by extrinsic structure.
450, for a rolling toy pulled by a handle, rod or tether.

97 Figure:
This subclass is indented under subclass 85. Device comprising a simulation of the face or form of an animate being.

SEE OR SEARCH THIS CLASS, SUBCLASS:
268, for other figure toys, and see the search notes thereunder for other related loci.

98 Including attachable clothes:
This subclass is indented under subclass 97. Device comprising a representation of a garment which is adapted to be readily attached to and detached from the simulation.

SEE OR SEARCH CLASS:
2, Apparel, appropriate subclasses for paper doll apparel, per se.

99 Alternative figures:
This subclass is indented under subclass 97. Device wherein the parts may be arranged or assembled in any of a plurality of relative positions which correspond to a plurality of different faces or forms.

100 Having detachable subordinate part of face or head:
This subclass is indented under subclass 99. Device wherein one of the parts which are arranged or assembled comprises a portion of the face or head which is applied or removed to change the appearance of the entire face or head of the simulation.

SEE OR SEARCH THIS CLASS, SUBCLASS:
321, for a figure toy having selectively displayed alternative features which are not detachable from the remainder of the figure.

101 Plural mutually attachable:
This subclass is indented under subclass 97. Device wherein two of the detached parts comprise discrete simulations of faces or forms of beings adapted to be connected together.

102 Having parts assembled for relative movement:
This subclass is indented under subclass 85. Device including connecting structure between two of the parts which permits swinging or sliding movement between the parts after the device has been assembled, wherein the assembled device is adapted to be played with by relatively moving the parts.

103 Including rotary gear, pulley, or strand-winding member:
This subclass is indented under subclass 102. Device wherein one of the relatively moving parts comprises an element mounted for rotation about an axis passing through the element, and having on its periphery either (1) a series of teeth adapted to engage cooperating structure on another element to impart movement from one element to the other, (2) a groove adapted to receive a portion of a rotary motion transmitting flaccid loop, or (3) an elongated flaccid element adapted to be alternately wound and unwound about the periphery.

104 One part swingable about an axis extending along a side or transversely through an end:
This subclass is indented under subclass 102. Device wherein the connecting structure permits one part to swing about an axis which lies along or adjacent to one edge or terminal portion of part.

(1) Note. This definition is intended to exclude pivotal movement of a part about its central or longitudinal axis.

105 Including post having plural longitudinal slots for panels or strips:
This subclass is indented under subclass 85. Device wherein one part comprises an elongated member having a plurality of circumferentially arranged grooves along its length, each which is adapted to slidably receive another part comprising a flat member which is thin compared to its length and breadth.

SEE OR SEARCH CLASS:
52, Static Structures (e.g., Buildings), subclasses 474+ for similar construction elements for a full size structure.

106 Including elongated element having laterally opposed interlocking notches (e.g., long cabin type):
This subclass is indented under subclass 85. Device wherein the detached parts include an elongated member having matching cutaway portions on opposite sides of its circumference and adapted to receive a similar elongated member in each cutaway portion, whereby the two elongated elements are assembled in an orthangonal relationship.

107 Including longitudinally flexed rod or strip:
This subclass is indented under subclass 85. Device including an elongated slender or thin detached part formed of a material which allows the part to be readily bent in a direction transverse to its length when assembled to another part.

108 Including connectable panels or strips:
This subclass is indented under subclass 85. Device wherein the detached parts include two members which are adapted to be assembled together and each of which is thin compared to its length and breadth.

SEE OR SEARCH CLASS:
52, Static Structures (e.g. Buildings), or subclasses 578+ for connectable modules or panels specifically for use in a full size construction.

109 Foldable panel, strip, or connector:
This subclass is indented under subclass 108. Device wherein either one of the thin members, or a discrete sheet for fastening them together, comprises structure or material which is intended to allow one portion to be bent about a line toward the remaining portion, either prior or subsequent to construction.

110 And door, window or perfecting structure for building:
This subclass is indented under subclass 108. Device including either (1) a portal or closure therefor, (2) an opening in a wall to permit light to pass to the interior of a toy building, or a closure for said opening, or (3) any structure which is peculiar to buildings and in addition to the requisite structure of a foundation, interior and exterior walls, floor, and roof.

SEE OR SEARCH CLASS:
434, Education and Demonstration, subclasses 72+ for constructible modules for architectural demonstration.

111 With separate diverse connector between adjacent panels or strips:
This subclass is indented under subclass 108. Device wherein the two thin members are retained in assembled relationship by a discrete fastening means which differs from the thin members in either form or composition.

SEE OR SEARCH CLASS:
52, Static Structures (e.g., Buildings), subclasses 582.1+ for modules or panels used in full size constructions and connected by separate dissimilar joining means.

112 Connected panels or strips having parallel edges and mutually angled faces:
This subclass is indented under subclass 111. Device wherein the two thin members are assembled with their edges coplanar and everywhere equidistant, and with a major face of one either orthogonal or forming an oblique angle with major face of the other.

113 Extending transversely through panel or strip:
This subclass is indented under subclass 111. Device wherein the discrete fastening means passes through a major surface of each thin member.

114 Connectable with adjacent edges transversely oriented:
This subclass is indented under subclass 108. Device wherein the two thin members are adapted to be assembled such that their proximal edges are skewed.

115 Connected panels or strips having parallel edges and mutually angled faces:
This subclass is indented under subclass 108. Device wherein the two thin members are assembled with their edges coplanar and everywhere equidistant, and within a major face of one member is either orthogonal to or forms an oblique angle with a major face of the other member.

SEE OR SEARCH THIS CLASS, SUBCLASS:
112, for similarly oriented panels or strips fastened to one another by a discrete transverse connector.

116 Having resilient interlocking portions:
This subclass is indented under subclass 108. Device wherein the thin members are provided with connecting structure having a portion which is elastically deformed during assembly and disassembly of the members and which interferes with a cooperating portion to resist separation.

117 Single column stacking:
This subclass is indented under subclass 85. Device comprising a plurality of detached parts, each of which is adapted to rest upon a single other part to form a vertical array.

(1) Note. The device typically includes a standing support for receiving the stacked parts.

118 Including substrate for construction elements (e.g., for array of tiles or pegs):
This subclass is indented under subclass 85. Device including a base presenting a substantially planar surface upon which a plurality of parts are assembled or arranged.

119 Including flaccid connector for joining plural elements:
This subclass is indented under subclass 85. Device including discrete means, formed from a nonself-sustaining material, for fastening together the two parts.

120 Resilient interlocking joint (e.g., snap joint):
This subclass is indented under subclass 85. Device including a portion which is elastically deformed during assembly and disassembly of the parts and interferes with a cooperating portion on another part or connector to resist separation.

SEE OR SEARCH THIS CLASS, SUBCLASS:
116, for a resilient interlocking joint between panels or strips.

121 Resilient male member:
This subclass is indented under subclass 120. Device wherein the portion which is elastically deformed during assembly and disassembly is shaped to fit within the cooperating portion on another part or connector.

122 Including abutting elements having slots or apertures receiving discrete transverse connector:
This subclass is indented under subclass 85. Device wherein two parts having mutually contacting surfaces are fixed together by a separate connector whose longitudinal axis extends in a direction across both parts and through registering grooves or openings in the parts.

SEE OR SEARCH THIS CLASS, SUBCLASS:
111+, for a similar connection between adjacent panels or strips.

SEE OR SEARCH CLASS:
52, Static Structures (e.g., Buildings), subclasses for a similar connecting feature in a structural module or panel of that class type.

123 Transverse member is separable bolt or screw:
This subclass is indented under subclass 122. Device wherein the separate connector comprises an elongated member having a helically threaded periphery.

124 Interfitting elements:
This subclass is indented under subclass 85. Device wherein a detached part has a distinctly shaped portion for cooperative engagement with another part or with a connector for plural parts.

(1) Note. This definition attempts to avert the determination of whether a particular item is an element or a connector. Area of an engagement or joint in this or its indented subclasses refers either to a connection between major construction elements or to a connection between major element and an intermediate fastener.

SEE OR SEARCH THIS CLASS, SUBCLASS:
52, Static Structures (e.g., Buildings), subclasses 578+ and 596+ for connectable modules for use in full size constructions.
433, Dentistry, subclasses 202.1+, especially subclass 209, for various shaped connections between portions of artificial teeth.

125 Including identically shaped interfitting portions:
This subclass is indented under subclass 124. Device wherein the distinctly shaped portion of one part is adapted to cooperatively engage a distinctly shaped portion on a second part or connector, wherein the two portions are alike in pattern and contour.

126 Including three rod-like elements projecting from a fourth element or common connector:
This subclass is indented under subclass 124. Device including a common fastening means for three elongated parts which, when assembled, protrude longitudinally outwardly from the common fastener in different directions.

127 Joined by lateral sliding (e.g., dovetail):
This subclass is indented under subclass 124. Device wherein the distinctly shaped portion of one part is configured to be connected to a distinctly shaped portion of a second part by relative movement of the parts in a direction parallel to the interface between the connected parts.

SEE OR SEARCH CLASS:
433, Dentistry, subclass 209 for various sliding connections between portions of artificial teeth.

128 Including element having plural bosses for forming single joint:
This subclass is indented under subclass 124. Device wherein the distinctly shaped portion of one part comprises a plurality of protrusions engageable with the other part to connect the two parts together, wherein each protrusion is essential to the connection.

129 HAVING PERMANENT MAGNET (NOT MOTOR ASSOCIATED):
This subclass is indented under the class definition. Device including a first element or portion formed of a material having the inherent property of attracting iron and producing a magnetic field external to itself, wherein the method of operation involves the mutual attraction or repulsion between the first element or portion and a second element or portion formed of magnetic or magnetizable material.

(1) Note. Excluded are devices whose operation is due solely to an electrically induced magnetic field.

SEE OR SEARCH THIS CLASS, SUBCLASS:
484, for a toy having an electric motor or an electromagnet, and see the search notes thereunder for other related loci.

SEE OR SEARCH CLASS:
40, Card, Picture, or Sign Exhibiting, subclass 426 for a display device having a magnetically moved object.
273, Amusement Devices: Games, subclass 118, 138.1+, and 239 for magnetic board games involving skill or competition; and subclass 443 for a contest using a magnetically guided game element which involves physical skill or ability of the player, subclass 448 for a contest involving a player using manual dexterity in the magnetic capture or pickup of a game element, and subclass 456 for a magnetic means intended to assist a participant in accomplishing a task or to measure his/her skill in the completion of a task.
463, Amusement Devices: Games, subclass 61 for a magnetically propelled object in a racing game.

130 For operating valve, switch, or clutch:
This subclass is indented under subclass 129. Device wherein the first element or portion is employed to actuate one of the following: (1) a fluid flow controller, (2) a device for making or breaking a connection in an electric circuit, or (3) a coupling for connecting and disconnecting a driving and a driven part of a mechanism.

131 Including loosely confined parts moved relatively by magnetic field:
This subclass is indented under subclass 129. Device including a plurality of relatively movable elements formed from magnetic or magnetizable material and which are restricted to movement within an enclosure, wherein relative movement between the elements is caused by movement of a magnetic field of one of the elements, or of a disparate element or portion.

132 Manually held member for magnetic interaction with additional member having confined movement:
This subclass is indented under subclass 129. Device wherein the first element or portion is adapted to be supported and manipulated by a user's hand to move the second element or portion which is constrained either to rotational movement about one or more axes or to translational movement along a particular path.

133 And member movable in spaced relation to moving magnet:
This subclass is indented under subclass 129. Device wherein movement of either the first or second element or portion causes movement of the other element or portion and wherein the movement occurs without mutual contact between the two elements or portions.

134 Including interposed partition:
This subclass is indented under subclass 133. Device wherein the movement of the elements or portions occurs on opposite sides of a panel located therebetween.

135 Magnet or member moves along partition surface:
This subclass is indented under subclass 134. Device wherein one of the elements or portions remains in contact with a panel surface while moving along the surface opposite the other element or portion.

136 Including motor to move member, magnet, or partition:
This subclass is indented under subclass 135. Device including energy transducing or storing means for providing power for moving the elements or portions along the panel surface, or for moving the panel with respect to the elements or portions.

137 Contacting, mutually attracted members:
This subclass is indented under subclass 129. Device wherein the method of operation involves mutual contact between the first and second elements or portions.

SEE OR SEARCH THIS CLASS, SUBCLASS:
92, for a toy comprising a plurality of magnetically attachable parts which are played with by assembling or relatively arranging them into a desired form or array.

138 Contact maintained during relative movement:
This subclass is indented under subclass 137. Device wherein the first and second elements or portions remain in contact with each other while one of the elements or portions is translated or rotated with respect to the other.

139 Including figure or figure portion:
This subclass is indented under subclass 137. Device including a simulation of an animate being, or a portion thereof.

140 INCLUDING MEANS CREATING, STORING, OR OPERATED BY STATICALLY INDUCED CHARGE:
This subclass is indented under the class definition. Device having means for producing or accumulating a stationary electrical charge, or having means which is activated by such a charge.

141 TELEPHONE:
This subclass is indented under the class definition. Device comprising a simulation of an instrument by which sound is converted to and from electrical impulses for transmission to and from a similar instrument.

SEE OR SEARCH THIS CLASS, SUBCLASS:
397+, for other sounding toys, and see the search notes for that subclass for other related loci.

SEE OR SEARCH CLASS:
379, Telephonic Communications, appropriate subclasses for a commercial telephone, particularly subclass 434 for novelty or fanciful character type telephone.

142 Having electrical or voice feature:
This subclass is indented under subclass 141. Device including either (1) means operated by, conducting, or producing a flow of electrical energy, or (2) sound-producing means which simulates the voice of a human being.

SEE OR SEARCH THIS CLASS, SUBCLASS:
397+, for a sounding toy, per se, and see the search notes thereunder for other related loci.
484+, for toys having an electrical feature, and see the search notes thereunder for other related loci.

143 HAVING KEYBOARD:
This subclass is indented under the class definition. Device including an assemblage of systematically arranged buttons by which levers or switches are manipulated to operate the device, or a simulation of an apparatus or instrument having such an assemblage.

144 SIMULATED HAND OR POWER TOOL:
This subclass is indented under the class definition. Device comprising a simulation of either a hand manipulatable implement adapted to contact and modify or hold a workpiece, or an apparatus for driving an instrument for contacting and modifying a workpiece.

145 Saw or drill:
This subclass is indented under subclass 144. Device wherein the implement or instrument simulated is either a cutter having a plurality of serially arranged teeth, or a rotatable cutter which is axially advanced to cut a round hole in a workpiece.

146 HAVING MEANS TO DRAW:
This subclass is indented under the class definition. Device including a driven or manipulatable mechanism for moving a pen, pencil or other marking implement across a surface to form a picture or design on the surface.

147 CHANGEABLE BOOK, CARD, OR PICTURE:
This subclass is indented under the class definition. Device comprising either (1) a set of printed or blank sheets bound together into a volume, (2) a printed or blank sheet of stiff paper or paperboard, or (3) a substantially two-dimensional visual design or representation, formed by printing, drawing, painting or photography; wherein the method of operation is to alter the appearance of the volume, sheet, design, or representation.

(1) Note. This subclass does not include devices which replace an entire picture with another, as do thaumatropic devices. To be proper for this subclass under part (3), a portion of a picture must be changed.

SEE OR SEARCH THIS CLASS, SUBCLASS:
321, for a doll having plural selectively displayed faces, limbs or bodies.

SEE OR SEARCH CLASS:
40, Card, Picture, or Sign Exhibiting, subclasses 446+ for a display device comprising a changing exhibitor; and subclasses 427+ for display devices which produce a special effect, particularly subclass 445 for a hand manipulated folded slided card.

148 Including device erected by opening card or book, or removing from cover:
This subclass is indented under subclass 147. Device comprising a volume of printed or blank sheets, or a folded sheet of stiff paper or paperboard, wherein a portion is connected to the volume or folded sheet in such a manner as to cause the portion to be raised from a collapsed configuration upon opening the volume or unfolding the sheet, or upon withdrawal from an enclosure.

SEE OR SEARCH CLASS:
40, Card, Picture, or Sign Exhibiting, subclasses 486+ for a device having a cover which is moved to selectively cover or expose an inscription.

149 Movable picture portion:
This subclass is indented under subclass 147. Device including a visual design or representation, a part of which may be selectively moved relative to another part to animate the design or representation.

SEE OR SEARCH THIS CLASS, SUBCLASS:
330+, for a toy doll and means to move all or a portion of the doll.

SEE OR SEARCH CLASS:
40, Card, Picture, or Sign Exhibiting, subclasses 421+ for a two-dimensional movable figure display device; and subclasses 446+ for changing exhibitor.

150 Moved by opening or closing card or book:
Device under 149 wherein the visual design or representation is either on one of a plurality of sheets bound into a volume, or on a folded sheet of paper or cardboard, wherein a part of the visual design or representation is selectively moved by opening the volume or unfolding the sheet.

SEE OR SEARCH THIS CLASS, SUBCLASS:
488, for objects formed by folding sheet material.

151 Including hand-manipulatable actuator:
This subclass is indented under subclass 149. Device including a portion connected to the selectively movable part and which is adapted to be engaged by the hand to move the part.

152 For moving pivoted portion:
This subclass is indented under subclass 151. Device wherein the selectively movable part is connected to another part by means which constrains the movable part to movement about an axis fixed within respect to the other part.

153 AQUATIC:
This subclass is indented under the class definition. Device specifically adapted to be operated or played with upon or beneath the surface of water.

SEE OR SEARCH THIS CLASS, SUBCLASS:
267, for a toy having an enclosed liquid in which a portion of the toy may move.

154 Including remote control means or tether:
This subclass is indented under subclass 153. Device wherein means are provided to operate the portion upon or beneath the water surface from a distance.

SEE OR SEARCH THIS CLASS, SUBCLASS:
7, for simulated vehicle cockpit or simulated vehicle control means.
454, for a remotely controlled wheeled vehicle toy, and see the search notes thereunder for other related loci.

SEE OR SEARCH CLASS:
114, Ships, subclass 144 for a remotely controlled steering mechanism.

155 For buoyancy control:
This subclass is indented under subclass 154. Device wherein means are provided to operate at a distance from the boat, a control means by which the tendency of the boat to float or rise in the water can be altered.

156 Including means to move figure or figure part:
This subclass is indented under subclass 153. Device comprising a simulation of an animate being or portion thereof, and either means moving the device through the water, or means moving the simulation or a portion thereof with respect to the remainder of the device.

SEE OR SEARCH THIS CLASS, SUBCLASS:
330+, for other figure toys including a mechanism or manipulatable means for moving a figure portion, and see the search notes thereunder for related loci.

157 Including oar or paddle held by figure:
This subclass is indented under subclass 156. Device wherein the simulation of an animate being holds or appears to hold an implement for propelling a boat and having a handle portion connected to a broad face at one end.

158 Mechanical motor within figure:
This subclass is indented under subclass 156. Device including an energy-storing or-transducing mechanism contained within the simulation of an animate being, for either moving the simulation through the water, or for moving the figure or a portion thereof with respect to the remainder of the device.

SEE OR SEARCH THIS CLASS, SUBCLASS:
353, for a figure toy having an intrinsic motor for moving the figure or a portion thereof, and see the search notes thereunder for related loci.

159 Fluid operated means to move figure or figure part:
Device under 156 including energy-transducing means for converting the energy of a motive liquid or gas into movement of the simulation of an animate being.

(1) Note. A figure which is propelled by a reaction (jet) motor is not classified in this subclass on that basis.

SEE OR SEARCH THIS CLASS, SUBCLASS:
199, for other toys which include a fluid operated figure or figure part.

160 Boat:
This subclass is indented under subclass 153. Device including a simulation of a vehicle which travels upon or beneath the surface of water.

SEE OR SEARCH CLASS:
280, Land Vehicles, subclass 1 for an occupant propelled simulated boat.
472, Amusement Devices, particularly subclass 13 for a marine roundabout upon which a child may ride.

161 Submersible:
This subclass is indented under subclass 160. Device specifically adapted to travel underwater or which simulates a vehicle adapted to travel underwater.

SEE OR SEARCH CLASS:
114, Ships, subclasses 312+ for a submersible vessel.

162 Including mechanical propulsion motor:
This subclass is indented under subclass 161. Device wherein the vehicle is provided with a mechanism for moving it through the water, and energy-transducing or-storing means for supplying power to drive the mechanism.

163 Having propulsion means:
This subclass is indented under subclass 160. Device wherein the vehicle is provided with means for moving it through the water.

SEE OR SEARCH CLASS:
440, Marine Propulsion, appropriate subclasses for devices in which all claimed structure applies logically to full size boats.

164 Mechanical motor:
This subclass is indented under subclass 163. Device wherein the means for moving the vehicle through the water comprises a mechanism, and energy transducing or storing means for supplying power to drive the mechanism.

165 And screw propeller rotated by motor:
This subclass is indented under subclass 164. Device wherein the mechanism includes a thrust-providing member revolved about an axis which coincides with the direction of thrust of the member and having helically shaped blades about said axis which contact the water to move the vehicle therethrough.

166 OPERATED BY GRAVITY-FED FLUENT MATERIAL:
This subclass is indented under the class definition. Device including dynamic means powered by a falling stream of liquid or loose granular material or by weight of material accumulated from the stream.

SEE OR SEARCH THIS CLASS, SUBCLASS:
70, for a toy with which a child may construct something with sand.

167 For moving figure or figure portion:
This subclass is indented under subclass 166. Device wherein the dynamic means comprises a simulation of an animate being or portion thereof which is caused to move by the material.

SEE OR SEARCH THIS CLASS, SUBCLASS:
330+, for a figure toy having mechanism or manipulatable means to move the figure or a portion thereof, and see the search notes thereunder for other related loci.

168 INCLUDING UNATTACHED GRAVITY-FED ROLLING, TUMBLING, OR ENERGY-IMPARTING FALLING ELE-

MENT, OR PATHWAY THEREFOR (E.G., MARBLE RUNWAY):
This subclass is indented under the class definition. Device including an unattached element which either (1) moves down an incline under the force of gravity by turning over and over along the surface of the incline, or (2) drops through the air or travels down an incline to supply energy to a movable portion of the device to cause movement thereof, or (3) a track or guide for such an element, in (1) or (2) above.

(1) Note. Devices having pivoted parts and adapted to move down an incline (e.g., "walking" dolls) are not considered to be elements as defined above, nor are wheeled devices adapted to move down an incline.

(2) Note. Devices having a supply (e.g., magazine) in which elements are successively presented, or incrementally roll down an incline toward a dispensing outlet are not classified in this subclass on that basis.

SEE OR SEARCH THIS CLASS, SUBCLASS:
324, for a tumbling figure which turns end over along a surface.

SEE OR SEARCH CLASS:
238, Railways: Surface Track, subclass 10 for toy track having structure for physically guiding a toy vehicle.
463, Amusement Devices: Games, subclass 69 for a gravity-operated racing game.

169 For moving figure or figure portion:
This subclass is indented under subclass 168. Device including a simulation of an animate being or portion thereof which is caused to move by the unattached element.

170 This subclass is indented under subclass 168. Hand supported and manipulated runaway: Device comprising a track or guide for an unattached element and which is held and oriented by the operator in a manner to allow gravity to move the element along the track or guide.

SEE OR SEARCH CLASS:
273, Amusement Devices: Games, subclasses 109+ for a game of skill comprising a movable surface over which an element is caused to roll.

171 And means for automatically recycling element:
This subclass is indented under subclass 168. Device including means to return an element back to its starting point without manual handling after it has rolled or fallen under the force of gravity.

172 Hand-cranked element conveyer:
This subclass is indented under subclass 171. Device wherein the means to return the elements to their starting point is driven by manually rotating a shaft having either a handle extending radially or offset from the shaft to gain mechanical advantage to rotate the shaft.

173 For moving element-support device:
This subclass is indented under subclass 168. Device wherein the energy of the element is imparted to a portion of the device which supports the element, thereby causing that portion to move.

(1) Note. The portion of the device which is moved by the element must be a visible portion.

174 Wheeled element carrier:
This subclass is indented under subclass 173. Device comprising an element supporting vehicle having a generally round ground-engaging part upon which the vehicle is rolled by energy imparted to it by the unattached element.

175 HAVING LIGHT OR SOUND-RESPONSIVE SWITCH OR CONTROL:
This subclass is indented under the class definition. Device including means for causing the device to operate in response to sound waves or visible electromagnetic radiation, or for affecting the operation of the device in response to sound waves or visible electromagnetic radiation.

SEE OR SEARCH CLASS:

180, Motor Vehicles, subclasses 167+ for a full size motor vehicle remotely controlled by sound or light waves.

367, Communications, Electrical: Acoustic Wave System and Devices, subclass 198 for a sound or speech responsive control system, per se.

176 OPERATED BY RELATIVELY MOVING FLUID OR PRESSURE DIFFERENTIAL:

This subclass is indented under the class definition. Device which functions by utilizing either (1) the kinetic energy from a liquid or gas moving relative to the device, or (2) energy derived from gases isolated from one another and at different static pressures.

(1) Note. The mere distention of an inflatable toy is not sufficient to cause classification in this or indented subclasses. However, when the addition or movement of a fluid causes animate or other representative movements of a figure or device, the toy is properly classified here.

SEE OR SEARCH THIS CLASS, SUBCLASS:

15+, for bubble blowing devices.

30+, and 34+, for an aerodynamically supported toy.

166+, for toy operated by a gravity fed fluent material.

177 Including suction cup:

This subclass is indented under subclass 176. Device including a concave or flat pliant member adapted to detachably and sealingly engage a surface and form therewith a chamber for gas at subambient pressure.

178 Including motorized fan:

This subclass is indented under subclass 176. Device including a rotatable member for moving air with respect to the device, and means for rotating the member.

179 This subclass is indented under subclass 178. Producing supporting air column or cushion: Device wherein the rotatable member forces air upwardly or downwardly to support the weight of the device or a portion thereof.

SEE OR SEARCH THIS CLASS, SUBCLASS:

37+, for a movable rotary wing device.

SEE OR SEARCH CLASS:

180, Motor Vehicles, subclasses 116+ for a full size ground-effect machine and toy machines wherein all claimed structure is suitable for use in a full size device.

180 Including variable-size fluid chamber to move fluid:

This subclass is indented under subclass 176. Device including an enclosure of changeable volume for imparting energy to the liquid or gas.

SEE OR SEARCH THIS CLASS, SUBCLASS:

15+, for a bubble-making device having a variable size fluid chamber for inflating bubbles.

181 Supplying compressed gas to rupture sheet (e.g., film burster):

This subclass is indented under subclass 180. Device including a membrane adapted to be impacted and torn by a charge of gas from the enclosure.

182 Including means to feed sheet:

This subclass is indented under subclass 181. Device including means to supply a new membrane or section thereof to replace the torn membrane.

183 Squeezable figure:

This subclass is indented under subclass 180. Device wherein the enclosure is shaped to represent an animate being or portion thereof, or is located inside a simulation of an animate being or portion thereof, and is operated by pressing to deform the figure.

184 Sounding:

This subclass is indented under subclass 183. Device including means specifically provided for emitting sound.

SEE OR SEARCH THIS CLASS, SUBCLASS:
193, for a sounder operated by fluid from a squeezable bulb.
397+, for a mechanical sounder and see the search notes to that subclass for other related loci.

SEE OR SEARCH CLASS:
116, Signals and Indicators, subclass 139 for a horn or whistle operated by fluid from a manually actuated air compressor.

185 Including external fluid-operated accessory or means to move figure portion:
This subclass is indented under subclass 184. Device including either (1) structure appurtenant to the animate being simulation and which is caused to function by the energy of the fluid, or (2) means to cause one portion of the simulation to move with respect to another portion.

186 Contractible balloon for moving fluid:
This subclass is indented under subclass 180. Device wherein the enclosure is formed of an elastomeric material which contracts due to the resilient property of the enclosure walls to impart energy to the fluid.

187 Jet-propelled balloon:
This subclass is indented under subclass 186. Device wherein the elastomeric enclosure is moved in one direction by discharging a stream of fluid in the opposite direction.

SEE OR SEARCH THIS CLASS, SUBCLASS:
211+, for other jet-propelled toys, and see the search notes thereunder for other related loci.

188 Sounding:
This subclass is indented under subclass 180. Device having means specifically provided for emitting sound.

SEE OR SEARCH THIS CLASS, SUBCLASS:
397, for a mechanically actuated sounder and see the search notes for that subclass for other related loci.

SEE OR SEARCH CLASS:
116, Signals and Indicators, subclass 112 for an alarm comprising a fluid flow operated sounder.

189 Wheel-actuated:
This subclass is indented under subclass 188. Device including a generally round rotatable element upon which the device may be rolled over a surface, and means transmitting the motion of the element to the sound-emitting means to cause it to emit sound.

SEE OR SEARCH THIS CLASS, SUBCLASS:
270, for a wheeled figure toy having mechanically operated sounder.
409+, for a rolling or tumbling toy having a mechanically operated sounder.

190 And tearing, or having mechanism or manipulatable means for moving figure portion:
This subclass is indented under subclass 188. Device comprising a simulation of an animate being or portion thereof and including either (1) an opening or passageway within or adjacent to a representation of an eye on the simulation through which a liquid is discharged to simulate weeping, or (2) a motor or mechanical motion-transmitting means to move the simulation or a part of the simulation with respect to another part.

(1) Note. A simple spring or elastomeric member is considered to be a “motor”.

(2) Note. The “hand engageable portion” may be a different body portion.

SEE OR SEARCH THIS CLASS, SUBCLASS:
297+, for a figure toy provided with a mechanically actuated sounder.
305, for a tearing doll, per se.

191 Having electrical or wind-up motor:
This subclass is indented under subclass 190. Device including a motor for moving the simulation or portion thereof and which comprises either (1) means for converting electrical energy into mechanical movement, or (2) a resiliently deformable member which is

deformed to store energy by rotating a hand-engageable portion, wherein the energy is subsequently released to move the simulation or portion thereof.

192 Including motive power means or hand manipulator for sounder:
This subclass is indented under subclass 188. Device including either energy-transducing or storing means or a specific part other than the enclosure wall adapted to be engaged and moved with respect to another part for supplying power to actuate the sound-emitting means.

(1) Note. The portion engaged by the hand may be a movable body portion of a figure toy. The hand engageable portion may not be portion of a bellows or bulb. However, a discrete hand engageable portion for actuating a bellows or bulb is proper for this subclass.

193 And bellows or bulb:
This subclass is indented under subclass 192. Device wherein the wall of the enclosure either includes pleats to permit expansion and contraction, or is formed of a self-restoring pliant material and is collapsible under pressure.

SEE OR SEARCH THIS CLASS, SUBCLASS:
189, for wheeled toys having a bellows driven by the wheel to produce a sound.

SEE OR SEARCH CLASS:
116, Signals and Indicators, subclass 139 for a horn or whistle operated by fluid from a manually operated compressor.

194 Rotary or pivoted valve:
This subclass is indented under subclass 188. Device wherein the sound-emitting means is fluid actuated and a flow regulator is provided which comprises a member mounted to revolve or swing about an axis.

195 Reciprocating valve:
This subclass is indented under subclass 188. Device wherein the sound-emitting means is fluid actuated and flow regulator is provided which comprises a member mounted for to-and-fro rectilinear movement.

196 Including piston slidable along central apertured member:
This subclass is indented under subclass 195. Device wherein the member mounted for to-and-fro movement includes an air moving-surface which is slidably mounted upon an elongated rod or tube of lesser transverse dimension and whose longitudinal axis passes through said surface, wherein an opening provided through the rod or tube is alternately covered and uncovered as the member slides along the rod or tube.

197 Bellows or bulb for moving fluid:
This subclass is indented under subclass 180. Device wherein the wall of the enclosure either includes pleats to permit expansion and contraction, or is formed of a self-restoring pliant material and is collapsible under pressure.

SEE OR SEARCH THIS CLASS, SUBCLASS:
154+, for aquatic toys including a squeezable bulb for remotely controlling the operation of the toy (e.g., buoyancy, speed, direction, etc.).
193, for toys having a bellow or bulb operator for a sounder.

198 To move figure or figure portion:
This subclass is indented under subclass 197. Device including a simulation of an animate being or portion thereof which is caused to move by the fluid from the enclosure.

SEE OR SEARCH THIS CLASS, SUBCLASS:
330+, for a toy including a moving figure or figure portion which is actuated by other than fluid means, and see the search notes to the subclass 330 definition for other related loci.

SEE OR SEARCH CLASS:
40, Card, Picture, or Sign Exhibiting, subclasses 412+ for a fluid actuated three-dimensional figure.

199 For changing or moving figure or figure part:
This subclass is indented under subclass 176. Device including a simulation of an animate being or portion thereof, wherein the energy of

the fluid is utilized either to alter the appearance of the simulation, or to move the simulation or a portion thereof.

SEE OR SEARCH THIS CLASS, SUBCLASS:
330+, for a toy including a moving figure which is actuated by other than fluid means, and see the search notes to the subclass 330 definition for other related loci.

SEE OR SEARCH CLASS:
40, Card, Picture, or Sign Exhibiting, subclasses 412+ for a fluid actuated three-dimensional figure.

200 Including mouthpiece for blowing or sucking:
This subclass is indented under subclass 199. Device including a portion adapted to be engaged by the mouth of a person and which directs expelled breath or fluid to the device from the person's mouth, or fluid through the device to the person's mouth.

SEE OR SEARCH THIS CLASS, SUBCLASS:
71+, for a drinking straw combined with a fluid operated changeable toy.

SEE OR SEARCH CLASS:
239, Fluid Sprinkling, Spraying, and Diffusing, subclass 33 for drinking straws.

201 Including fluid-driven rotary blades:
This subclass is indented under subclass 199. Device including a portion comprising a plurality of discrete elongated relatively thin fluid reaction surfaces circumferentially arranged about an axis about which they are caused to revolve by the energy of the fluid, wherein the portion is connected to the simulation or portion thereof to move the same.

202 Including mouthpiece for blowing or sucking:
This subclass is indented under subclass 176. Device including a portion adapted to be engaged by the mouth of a person and which directs expelled breath or fluid to the device from the person's mouth, or fluid through the device to the person's mouth.

SEE OR SEARCH THIS CLASS, SUBCLASS:
15+, for a bubble-making device having a mouthpiece.

SEE OR SEARCH CLASS:
84, Music, subclasses 330+ for an instrument having a mouthpiece and which is specifically used for playing music.

203 Plural differently operated sounders:
This subclass is indented under subclass 202. Device including first means utilizing the energy of the breath or fluid to produce sound, and a second means for producing sound which is actuated or functions in a manner different than the first sound-producing means.

204 Whistle or siren:
This subclass is indented under subclass 202. Device including means utilizing the energy of the breath or fluid to produce sound and comprising either (1) a portion having a relatively small opening which affects the breath of fluid passing through it to cause the sound, or (2) a rotating member which produces rapid interruptions in the breath or fluid current to cause the sound.

SEE OR SEARCH CLASS:
116, Signals and Indicators, subclasses 137+ for a mechanical signalling whistle; and subclass 147 for a mechanical signalling siren.
340, Communications: Electrical, subclasses 404+ for an electrically controlled siren or whistle.

205 Including discrete relatively movable portions:
This subclass is indented under subclass 204. Device wherein the sound producing means comprising a plurality of individual distinct connected parts, one of which is movable with respect to another.

206 Including distinct means enabling selection of pitch:
This subclass is indented under subclass 204. Device having either (1) two distinguishable portions for producing two different tones, one higher in frequency than the other, or (2) a distinguishable portion provided specifically for

permitting a person to selectively produce one of a plurality of different tones, one higher in frequency than another.

(1) Note. The devices in this subclass are not intended to play music.

SEE OR SEARCH CLASS:
84, Music, subclasses 330+ for a musical instrument, even though called a toy, having enabling selection of pitch.

207 Vibratory reed sounder:
This subclass is indented under subclass 202. Device including a thin elastic member fastened at one end over an opening in the device and which is caused to vibrate by the breath or fluid to produce sound.

SEE OR SEARCH CLASS:
84, Music, subclasses 330+ for a vibratory reed musical instrument (e.g., woodwind).

208 Including distinct means for enabling selection of pitch:
This subclass is indented under subclass 207. Device having either (1) two distinguishable portions for producing two different tones, one higher in frequency than the other, or (2) a distinguishable portion provided specifically for permitting a person to selectively produce one of a plurality of different tones, one higher in frequency than the other.

(1) Note. The devices in this subclass are not intended to play music.

SEE OR SEARCH CLASS:
84, Music, subclasses 330+ for a musical instrument, even though called a toy, having means enabling selection of pitch.

209 And cone-shaped terminal portion (e.g., horn):
This subclass is indented under subclass 207. Device including outwardly diverging passage by which the sound is amplified as it exits the device.

210 Convection-operated:
This subclass is indented under subclass 176. Device including means actuated by a vertically moving air current resulting from a non-uniform temperature distribution in the air.

SEE OR SEARCH CLASS:
40, Card, Picture, or Sign Exhibiting, subclass 441 for convention operated rotating display devices.

211 Having jet propulsion:
This subclass is indented under subclass 176. Device which is moved or has a portion which is moved in one direction by discharging a stream of fluid from a small opening or nozzle in the opposite direction.

SEE OR SEARCH THIS CLASS, SUBCLASS:
56, for a jet-propelled aerodynamically supported toy.
163, for a jet-propelled aquatic toy.
187, for a jet-propelled contractible balloon.

SEE OR SEARCH CLASS:
180, Motor Vehicles, subclass 7.3 for a jet-propelled land vehicle.
239, Fluid Sprinkling, Spraying, and Diffusing, subclasses 290+ for a jet nozzle.
244, Aeronautics, subclasses 73+ for a jet propulsion system for a full size aircraft.

212 And multiple stages or holder for launching:
This subclass is indented under subclass 211. Device including either (1) a plurality of sequentially operating, connected sections, each of which includes a small opening or nozzle through which a stream of fluid issues to propel the section through the air, wherein one section is caused to operate after a preceding section has operated and then separated from the device, or (2) separable means to secure or support the propelled portion until the stream of fluid, propels the portion therefrom.

SEE OR SEARCH THIS CLASS, SUBCLASS:
429, for a toy wheeled vehicle launcher, and see the search notes thereunder for related loci.

213 Sounding:
This subclass is indented under subclass 176. Device having means specifically provided for emitting sound.

SEE OR SEARCH THIS CLASS, SUBCLASS:
397, for a mechanical sounder and see the search notes for that subclass related loci.

SEE OR SEARCH CLASS:
116, Signals and Indicators, subclass 112 for an alarm comprising a fluid-operated sounder.

214 Having twistable or intertwistable flaccid strands for rotating sounder:
This subclass is indented under subclass 213. Device including one or more elongated pliant lengths connected to a revolvable sound producing means and either (1) a single pliant length is alternately twisted and then allowed to untwist to impart revolutions to the revolving sound producing means, or (2) a plurality of elongated pliant lengths are alternately intertwined and then separated to impart revolutions to the revolvable portion.

SEE OR SEARCH THIS CLASS, SUBCLASS:
254, for a similar device having a mechanical sounder.

215 Having tether for whirling sounder:
This subclass is indented under subclass 213. Device wherein the sound omitting means is attached to an end of a hand-held elongated member which constrains its movement about a radius determined by the length of the elongated member.

SEE OR SEARCH THIS CLASS, SUBCLASS:
247, for a tethered whirling device, per se.

216 Whistle or siren:
This subclass is indented under subclass 213. Device comprising either (1) a portion having a relatively small opening which affects fluid passing through it to cause the sound, or (2) a rotating member which produces rapid interruptions in a fluid current to cause the sound.

SEE OR SEARCH THIS CLASS, SUBCLASS:
204, for a whistle or siren operated by fluid from a mouthpiece, and see the search notes thereunder for related loci.

217 Having fluid-driven rotating radial blades (e.g., pinwheel):
This subclass is indented under subclass 176. Device including a plurality of fluid reaction surfaces extending radially from an axis about which they are caused to revolve by the energy of the fluid.

SEE OR SEARCH CLASS:
416, Fluid Reaction Surfaces (i.e., Impellers), appropriate subclasses for a patent directed to the fluid reaction surfaces (blades), per se, and see subclass 69 for an operator supported manually actuated bladed member (e.g., fan).

218 Rollable or having plural rotatable bladed members:
This subclass is indented under subclass 217. Device wherein (1) the fluid reaction surfaces are rotatably carried on a support which is adapted to have rolling contact with a supporting surface, or is supported on a generally round rotatable element upon which it may be rolled along a supporting surface, or (2) a second discrete set of fluid-reaction surfaces is provided which extend radially from an axis about which they are caused to revolve.

219 HAVING CHEMILUMINESCENT LIGHT SOURCE, OPTIC FIBER, MIRROR, OR LENS:
This subclass is indented under the class definition. Device which either (1) emits visible light due to a chemical reaction, (2) turns back all light impinging thereon to reflect an image, or (3) focuses or directs light rays as they pass therethrough.

SEE OR SEARCH CLASS:

359, Optics: Systems (Including Communication) and Elements, appropriate subclasses for a device which employs an optical element to produce a desired visual effect. Class 446 takes optical devices or elements when claimed in combination with an active toy properly classifiable in Class 446.

362, Illumination, subclass 34 for chemiluminescent lighting.

385, Optical Waveguides, appropriate subclasses for an optical fiber, per se. Class 446 takes an optical fiber when in combination with an active toy properly classifiable in Class 446.

220 INFLATABLE:

This subclass is indented under the class definition. Device comprising an enclosure formed of elastic or pliant material and whose shape is manifested by filling the enclosure with a gas.

SEE OR SEARCH THIS CLASS, SUBCLASS:

186+, for an inflatable balloon combined with means actuated by the fluid issuing from the balloon while it is being deflated.

SEE OR SEARCH CLASS:

137, Fluid Handling, subclasses 223+ for a device for inflating or facilitating the inflation of an article.

221 Having separately inflatable parts:

This subclass is indented under subclass 220. Device comprising a plurality of discrete pliant or elastic enclosures, each of which is adapted to be filled with a gas.

222 Including externally applied sealing element:

This subclass is indented under subclass 220. Device including an element fastened to the outside of a filled enclosure to prevent gas from escaping.

223 And means attachable to form a figure:

This subclass is indented under subclass 220. Device including a member adapted to be joined to the filled enclosure to form a simulation of an animate being or portion thereof.

224 Having check valve:

This subclass is indented under subclass 220. Device wherein the enclosure is provided with an opening and means which permits the flow of gas in one direction through the opening, but prevents flow in the opposite direction.

SEE OR SEARCH CLASS:

137, Fluid Handling, subclasses 223+ for a valve for facilitating the inflation of an inflatable article.

225 Simulated aerial or space vehicle:

This subclass is indented under subclass 220. Device wherein the filled enclosure represents the shape or form of a mobile conveyance adapted to travel through the air or outer space.

SEE OR SEARCH THIS CLASS, SUBCLASS:

230+, for other toy aircraft or space vehicles.

SEE OR SEARCH CLASS:

244, Aeronautics, subclasses 24+ for lighter-than-air aircraft.

226 Figure:

This subclass is indented under subclass 220. Device comprising a simulation of an animate being or portion thereof.

227 INFANT'S TOY AND MEANS FOR RETAINING, ATTACHING, OR SUPPORTING TOY IN INFANT'S ENVIRONMENT:

This subclass is indented under the class definition. Device including structure for fastening the device to a surface of a diverse article, and while so fastened, is adapted to be manipulated in a random manner by a young child

228 SUSPENDED FOR TRAVEL BELOW GUIDE OR SUPPORT MEANS:

This subclass is indented under the class definition. Device including a member supported from an elevated track or cable, wherein sub-

stantially all of the member lies below the track or cable and is caused to translate over the ground along or within the track or cable.

SEE OR SEARCH THIS CLASS, SUBCLASS:

273+, for a device which travels along a guide, and has its center of gravity (i.e., weight) below the guide, and a figure above the guide.

SEE OR SEARCH CLASS:

104, Railways, subclasses 89+ for a railway for suspended vehicles and see the search note to Class 104 in the main definition of Class 446 for the line.

273, Amusement Devices: Games, subclass 351 for a suspended toy which simulates bombing of a target.

229 Including electrical or wind-up propulsion motor:

This subclass is indented under subclass 228. Device including power means to move the member along or with the track or cable, wherein the power means comprises either (1) a device for converting electrical energy into mechanical energy, or (2) a resiliently deformable member which is deformed to store energy by rotating a hand-engageable portion, wherein the energy is subsequently released to move the member.

230 SIMULATED AIRCRAFT OR SPACE VEHICLE (I.E., NONAERODYNAMIC):

This subclass is indented under the class definition. Device comprising an imitative representation of an aircraft or spaceship.

SEE OR SEARCH THIS CLASS, SUBCLASS:

7, for a simulated vehicle cockpit or control.

30+, for a tethered, fixed wing toy aircraft.

34+, for any toy which is aerodynamically supported (i.e., flying) or retarded (e.g., parachute).

SEE OR SEARCH CLASS:

280, Land Vehicles, subclass 1.12 and 1.21 for a wheeled simulation of an aircraft or space vehicle on which the child sits.

472, Amusement Devices, particularly subclasses 6+ for a powered toy type roundabout having an article, e.g., aircraft, etc., supported thereon.

231 Space vehicle or rocket:

This subclass is indented under subclass 230. Device comprising an imitative representation of either a spacecraft or an elongated craft or missile which is projected by a rocket engine.

SEE OR SEARCH THIS CLASS, SUBCLASS:

52, for a rocket having a releasable parachute.

225, for an inflatable simulation of an aerial or space vehicle.

232 Having means to rotate propeller or rotor:

This subclass is indented under subclass 230. Device including a simulation of a rotating airfoil for propelling or supporting an aircraft, wherein motive power means or mechanical motion-transmitting means are provided for supplying power to rotate the airfoil.

SEE OR SEARCH THIS CLASS, SUBCLASS:

37+, for flying toy having means to rotate a propeller which furnishes lift.

57+, for a flying toy having a motor driven propeller.

SEE OR SEARCH CLASS:

416, Fluid Reaction Surfaces (i.e., Impellers), appropriate subclasses for an impeller or propeller, per se, or combined with a rotary drive, particular subclasses 120+ for plural impellers having independent supports.

233 GYROSCOPE:

This subclass is indented under the class definition. Device including a mass which is mounted to spin within a supporting structure which is freely rotatable or tiltable, wherein the entire device offers opposition to any torque that would change the direction of the axis of spin.

SEE OR SEARCH CLASS:

74, Machine Element or Mechanism, subclasses 5+ for a gyroscope not associated with a toy.

234 Having figure:
This subclass is indented under subclass 233. Device wherein the mass or its supporting structure is or has attached thereto a simulation of an animate being or portion thereof.

235 Having detachable cord for spinning:
This subclass is indented under subclass 233. Device including a separable elongated pliant member for imparting rotation to the mass.

SEE OR SEARCH THIS CLASS, SUBCLASS:
261+, for a top spun by a detachable cord.

236 ROTATING OR HAVING VISIBLE ROTATING PORTION (E.G., SPINNING OR WHIRLING, NOT ROLLING):
This subclass is indented under the class definition. Device wherein the method of operation is to impart successive uninterrupted revolutions to the device or a visible portion thereof about an axis.

(1) Note. A device which rolls along a surface (e.g., wheeled) is not considered to be a "rotating" toy as defined above; nor is an exposed rotating element (e.g., gear, crank), the sole purpose of which is to drive another element.

(2) Note. For untethered devices, the rotational axis must pass through the rotating portion.

SEE OR SEARCH THIS CLASS, SUBCLASS:
30+, for a tethered, fixed wing aircraft 26+, for a rotating toy worn or attached to the child.
322+, for jumping jack toys having a figure which is caused to swing or rotate sporadically about an axis.

SEE OR SEARCH CLASS:
472, Amusement Devices, particularly subclasses 1+ for a roundabout which carries a person or object along a circuitous path.

237 On wheeled support:
This subclass is indented under subclass 236. Device wherein the visible revolving portion is mounted for rotation on a carriage having a rotatable ground-engaging element upon which the carriage may be rolled about.

238 And having additional portion which reciprocates or oscillates, or which rotates about distinct axis:
This subclass is indented under subclass 237. Device including a second visible portion which is carried by the carriage and which either moves to-and-fro along a path, or revolves about an axis other than that about which the first visible portion revolves.

239 Including corrugated support for imparting rotation:
This subclass is indented under subclass 236. Device including a member having a series of alternating ridges and grooves along a surface and which supports the revolvable portion and causes its rotation through vibrations made by moving a second member along the ridges or grooves.

240 Including unattached rod for manipulating toy:
This subclass is indented under subclass 236. Device comprising a separate elongated rigid element which is held by the child and with which the child imparts successive revolutions to the revolvable portion.

241 Including helically grooved or twisted shaft for imparting rotation:
This subclass is indented under subclass 236. Device comprising an elongated element having helical convolutions about its longitudinal axis and which cooperates with structure on the revolving portion to impart successive revolutions thereto.

SEE OR SEARCH THIS CLASS, SUBCLASS:
43, for a flying toy having an airfoil which is rotated by using a helically grooved or twisted shaft.

242 Including electric light or electric sounder:
This subclass is indented under subclass 236. Device provided with either means for converting electrical energy into visible radiation, or means for converting electrical energy into sound.

SEE OR SEARCH CLASS:
40, Card, Picture, or Sign Exhibiting, subclasses 431+ for a motor operated display device having a light.

243 Including markings producing visual effect (e.g., chromatic):
This subclass is indented under subclass 236. Device wherein the revolving portion is provided with a visible impression thereon which yields a distinctive appearance when the portion is rotated.

SEE OR SEARCH CLASS:
359, Optics: Systems (Including Communication) and Elements, for a device which uses an optical element to produce a desired visual effect, and see subclasses 616+ for a kaleidoscope.
472, Amusement Devices, particularly subclasses 57+ for an illusion device other than a toy.

244 Thaumatropic effect:
This subclass is indented under subclass 243. Device including two discrete visual impressions which are present successively when the device or portion is rotated and which employ the memory of the eye to yield, an appearance which is a combination of the two impressions.

SEE OR SEARCH CLASS:
352, Optics: Motion Pictures, appropriate subclasses for a device which is structurally similar but creates an illusion of motion. See particularly subclass 101 for picture drums.

245 Cord impeller:
This subclass is indented under subclass 243. Device wherein the revolving portion is caused to rotate by an elongated flaccid member.

(1) Note. The elongated pliant member is typically wrapped around the rotatable portion and then pulled.

SEE OR SEARCH THIS CLASS, SUBCLASS:
247+, for a rotating toy which is rotated by an attached cord.
261+, for a top which is rotated by a separable cord.

246 Including hand crank for imparting rotation:
This subclass is indented under subclass 236. Device including a shaft rotatable about its longitudinal axis for imparting successive revolutions to the device or portion, and provided with a handle extending radially or offset from the shaft to gain mechanical advantage to rotate the shaft.

(1) Note. The shaft may be separate from, secured to, or formed on the revolvable portion.

247 Having attached cord for imparting rotation:
This subclass is indented under subclass 236. Device including a elongated pliant member for imparting successive revolutions to the revolvable portion, and which is either permanently fastened to the removable portion or is temporarily fastened directly to the revolvable portion by a releasable fastener.

(1) Note. This subclass includes tethered swingable toys.

SEE OR SEARCH THIS CLASS, SUBCLASS:
30+, for tethered toys in the form of fixed wing aircraft.

SEE OR SEARCH CLASS:
273, Amusement Devices: Games, subclasses 329 through 335 for a game of skill or competition which includes a tethered projectile.

248 Wound about rotatable member:
This subclass is indented under subclass 247. Device wherein the elongated pliant member is encircled about the revolvable portion prior to imparting revolutions thereto.

SEE OR SEARCH THIS CLASS, SUBCLASS:
261+, for a rotatable top spun by a wrapped cord.

249 Including spring to rewind:
This subclass is indented under subclass 248. Device wherein the elongated pliant member is unwound as revolutions are imparted to the revolvable portion, and an elastically deformable element is provided for supplying a force to cause the pliant member to re-encircle the revolvable portion after it has unwound.

SEE OR SEARCH THIS CLASS, SUBCLASS:
41, for a rotating means for a rotary wing, and which includes a cord actuator and a rewinding spring.

250 Bandalore:
This subclass is indented under subclass 248. Device in which the elongated pliant member is attached to the revolvable portion in such a manner as to automatically wind about the revolving portion after the revolving portion has been thrown, to thereby bring it back to the hand.

251 Including sounder, figure, or vehicle:
Device under Class 250 further comprising either (1) means specifically provided for generating sound, (2) a simulation of an animate being or portion thereof, or (3) a simulation of a conveyance for carrying or transporting something.

252 Sounding:
This subclass is indented under subclass 248. Device including means for producing sound.

SEE OR SEARCH THIS CLASS, SUBCLASS:
258+, for a sounding top spun by a separable cord.
397+, for other toy sounders, and see the search notes for that subclass for other related loci.

253 Intertwistable flaccid strands:
This subclass is indented under subclass 247. Device including a plurality of elongated pliant lengths connected to the revolvable portion and which are alternately intertwined and then separated to impart revolutions to the revolvable portion.

SEE OR SEARCH THIS CLASS, SUBCLASS:
214, for an air actuated sounder spun by intertwistable flaccid strands.

254 Including sounding means:
This subclass is indented under subclass 253. Device including means specifically provided for generating sound.

SEE OR SEARCH THIS CLASS, SUBCLASS:
214, for a similar device having an air actuated sounder.
397+, for a mechanically operated toy sounder, and see the search notes to that subclass for related loci.

255 Aerial (e.g., diabolo):
This subclass is indented under subclass 236. Device wherein the method of operation involves projecting the rotating device or portion through the air.

SEE OR SEARCH THIS CLASS, SUBCLASS:
34+, for devices having aerodynamically configured surfaces which support or retard the device as it flies or falls through the air, especially subclasses 46+ for a spinning disc.

256 Top:
This subclass is indented under subclass 236. Device including a mass tapered down to a tip or carried on a central spindle having a tip on which the mass is caused to stand as it spins.

257 Plural tops:
This subclass is indented under subclass 256. Device including a second discrete mass tapered down to a tip or carried on a central spindle having a tip on which the second mass is caused to stand as it spins.

258 Including sounding means:
This subclass is indented under subclass 256. Device including means specifically provided for generating sound.

SEE OR SEARCH THIS CLASS, SUBCLASS:
213+, for a spinning air actuated sounder.
397+, for other toy sounders, and see the search notes thereunder for other toy related loci.

259 And means for spinning:
This subclass is indented under subclass 256. Device including discrete means by which a torque is applied to the mass to cause it to revolve rapidly.

SEE OR SEARCH THIS CLASS, SUBCLASS:
37+, for means to rotate a rotary wing.

260 Spring impeller:
This subclass is indented under subclass 259. Device wherein the discrete torque-applying means comprises an elastically deformable member which is deformed to store energy and then released to spin the rotatable part.

SEE OR SEARCH THIS CLASS, SUBCLASS:
39, for a spring impeller for a rotary wing toy.

261 Cord impeller:
This subclass is indented under subclass 259. Device wherein the discrete torque-applying means comprises an elongated flaccid element.

SEE OR SEARCH THIS CLASS, SUBCLASS:
40, for a cord impeller for a rotary wing device.
247+, for a top having a cord impeller which either is permanently attached to the top, or is temporarily attached by an intermediate releasable fastener.

262 Including holding means:
This subclass is indented under subclass 261. Device including a nonrotatable member or portion which is attached to or engageable with the rotatable part to steady the rotatable part when the elongated flaccid element is employed to spin it.

263 Separable:
This subclass is indented under subclass 262. Device wherein the nonrotatable member or portion is disengageable from the rotatable part.

264 Having special tip or spindle:
This subclass is indented under subclass 256. Device wherein significance is attributed to the structure or composition of either the tip of the mass or spindle, or a spindle itself.

265 Sounding:
This subclass is indented under subclass 236. Device including means specifically provided for emitting sound.

SEE OR SEARCH THIS CLASS, SUBCLASS:
242, for a rotating toy having an electric sounder.
252, for a sounding toy rotated by a cord attached thereto and wound about the toy.
254, for a sounding rotating toy rotated by attached intertwisted strands.
258, for a sounding top.
397, for other sounding toys, and see the search notes to that subclass for related loci.

266 Handle-supported manually actuated rotating portion:
This subclass is indented under subclass 236. Device wherein the rotating visible portion is rotatably carried on a second portion which is adapted to be gripped and supported by the hand, wherein the rotating portion is caused to rotate by movement of the handgripped portion.

267 HAVING ENCLOSED LIQUID:
This subclass is indented under the class definition. Device including structure for surrounding a quantity of liquid which remains with the device throughout the operation thereof.

268 FIGURE TOY OR ACCESSORY THEREFOR:
This subclass is indented under the class definition. Device comprising a simulation of an animate being or portion thereof, or an adjunc-

tive or subordinate object whose use is peculiar to such a simulation.

SEE OR SEARCH THIS CLASS, SUBCLASS:

23, for a sparking figure toy.

72+, for a figure toy convertible from, or which may serve as a diverse article.

97+, for a figure toy which is played with by assembling or disassembling its parts.

139, for a magnetic toy having figure or figure portion.

147+, for a two dimensional representation of an animate being associated with a card or book.

156+, for an aquatic toy including or representing an animate figure.

167, and 169, for a figure toy moved by gravity fed material or elements.

176+, for a fluid operated figure toy.

220+, for an inflatable figure toy.

SEE OR SEARCH CLASS:

2, Apparel, appropriate subclasses for doll apparel, per se.

43, Fishing, Trapping, and Vermin Destroying, subclasses 2+ for decoys; and subclasses 42+ for artificial bait.

223, Apparel Apparatus, subclasses 66+ for mannikins.

434, Education and Demonstration, subclasses 262+ for an educational device comprising a portion of the human anatomy.

623, Prosthesis (i.e., Artificial Body Members), Parts Thereof, or Aids and Accessories Therefor, for parts of figures and see the notes under the Class Definition.

269 Rollable:

This subclass is indented under subclass 268. Device wherein the simulation or subordinate object either (1) has a generally rounded periphery whereby it may have rolling contact for travel along a surface, or (2) is supported on a generally round rotatable element on which it may be rolled for travel along a surface.

SEE OR SEARCH THIS CLASS, SUBCLASS:

431+, for other rollable toys, and see the search note thereunder for other related loci.

SEE OR SEARCH CLASS:

280, Land Vehicles, subclasses 87.01+ for a general utility wheeled land vehicle, having neither power means nor positive occupant (rider) propelling means, adapted to coast or be pushed along by the occupant; subclasses 200+ for a general utility occupant propelled-type land vehicle having positive occupant (rider) propelling means, or occupant propelled-type vehicles having a mere figurehead steering bar or shaft wherein no specific structure of the figurehead is claimed (e.g., reins, jaws) (it is noted that in accordance with the (2) Note under subclass 200, motorcycle frames and running gear lacking features causing classification in Class 180, Motor Vehicles, are included in these subclasses); or subclasses 827+ for a land vehicle simulating an object or providing a characteristic feature not found upon a conventional land vehicle.

901, Robots, subcollection 1 for mobile reprogrammable robots.

270 Having sounding means:

This subclass is indented under subclass 269. Device including means specifically provided for emitting sound.

SEE OR SEARCH THIS CLASS, SUBCLASS:

189, for a wheeled figure toy having a wheel driven pneumatically operated sounder.

397+, for other sounding toys, especially subclasses 409+ for a sounding rolling toy without a figure, and see the search notes to subclass 397 for other related loci.

271 Including resiliently recovering striking mechanism:
This subclass is indented under subclass 270. Device wherein the sound-emitting means comprises an element which is impacted against a receiving member, and an elastically deformable element or portion is provided which forces the element away from or toward the receiving member.

272 And wheel-driven mechanism for moving figure or figure portion:
This subclass is indented under subclass 270. Device including a mechanical motion transmission means connecting a generally round rotatable ground-engaging element with the simulation for moving one part of the simulation with respect to another part, or for moving the simulation with respect to a wheeled support.

SEE OR SEARCH THIS CLASS, SUBCLASS:
238, for a wheeled rotating figure.
271, for figures having wheel driven movable beaks combined with resiliently recovering sounding mechanisms.
292, for other rollable figure toys having a wheel-driven moving figure or figure portions, and see the search notes, thereunder for other related loci.
330+, for a moving figure toy, per se, and see the search notes to the subclass for related loci.

273 Pivoted figure having center of gravity below pivot axis:
This subclass is indented under subclass 269. Device including means mounting the simulation to swing freely about a horizontal axis, and when the device is at rest, the center of mass of the simulation and any structure swingable therewith is located at a point lower than the horizontal axis.

274 Including wheel-driven mechanism for moving figure portion:
This subclass is indented under subclass 273. Device including a mechanical motion transmitting means connecting a generally round rotatable ground-engaging element with the simulation for moving one part of the simulation with respect to another part.

SEE OR SEARCH THIS CLASS, SUBCLASS:
292, for other rollable figure toys having a wheel-driven moving figure or figure portion, and see the search notes thereunder for other related loci.

275 Vehicle and external figure:
This subclass is indented under subclass 269. Device including a simulation of a conveyance for carrying or transporting something, wherein a simulation of an animate being is outside the simulation of a conveyance.

SEE OR SEARCH THIS CLASS, SUBCLASS:
280, Land Vehicles, subclasses 1.16+ for an occupant propelled vehicle and external figure.

276 Having moving limb or foot to simulate walking:
This subclass is indented under subclass 275. Device wherein means are provided to move or to permit movement of a leg or a terminal part on which the animate being stands, concurrently with rolling movement of the device over a surface, thereby appearing as though the animate being is traveling by foot.

SEE OR SEARCH THIS CLASS, SUBCLASS:
377, the residual locus for patents relating to the moving limbs or feet of walking figure toys, and see the search notes thereunder for other related loci.

SEE OR SEARCH CLASS:
280, Land Vehicles, subclass 1.167 for an occupant propelled vehicle and an external figure with moving legs.

277 By direct linkage to vehicle wheel or axle:
This subclass is indented under subclass 276. Device wherein the simulated conveyance includes a generally round rotatable element on which it may be rolled along a surface, and structure is provided which connects the leg or terminal part of a leg to the rotatable element or to a rod on or with which the round element rotates, whereby rotation of the round element or rod causes movement of the leg or terminal part.

278 Elongate figure having writhing or undulating movement:
This subclass is indented under subclass 269. Device wherein the simulation represents an animate being whose length is many times greater than any lateral dimension and which moves along a surface by a squirming or wave-like motion of its body.

SEE OR SEARCH THIS CLASS, SUBCLASS:
368, for other figure toys in the form of a reptile.

279 Figure mounted on wheeled support:
This subclass is indented under subclass 269. Device wherein the simulation is supported upon a discrete member which includes a generally round rotatable supporting element on which the member may be rolled along a surface.

280 Including wheel-driven mechanism for moving figure or figure portion:
This subclass is indented under subclass 279. Device including a motion transmission means connecting a generally round rotatable ground-engaging element with the simulation for moving the simulation or a portion thereof with respect to the discrete supporting member.

SEE OR SEARCH THIS CLASS, SUBCLASS:
292, for other wheeled figure toys which include a wheel-driven mechanism for moving the figure or a portion thereof, and see the search notes thereunder for other related loci.

SEE OR SEARCH CLASS:
280, Land Vehicles, subclasses 1.13+ for a general utility occupant propelled land vehicle simulating an animate figure.

281 Plural relatively moving figures:
This subclass is indented under subclass 280. Device including a second simulation of an animate being or portion thereof which is supported on the discrete member and is made to move with respect to the first simulation.

282 Dependent movement or common component:
This subclass is indented under subclass 281. Device wherein the two simulations are directly related so that movement of one with respect to the supporting member effects movement of the other with respect to the supporting member, or wherein the motion transmission means moving each simulation have at least one discrete link in common.

(1) Note. The common link must be other than the supporting wheel or axle, or structure rigid therewith.

283 One figure mounted on another figure:
This subclass is indented under subclass 282. Device wherein one of the animate being simulations is entirely supported upon the other.

284 Relatively moving portions of one figure:
This subclass is indented under subclass 282. Device wherein one of the simulations includes two parts, and connecting structure therebetween which allows relative movement between the two parts.

285 Having moving limb or foot to simulate walking:
This subclass is indented under subclass 280. Device wherein means are provided to move or permit movement of a leg, or a terminal part on which the animate being stands, concurrently with rolling movement of the device over a surface, thereby appearing as though the animate being is traveling by foot.

SEE OR SEARCH THIS CLASS, SUBCLASS:
377, the residual locus for patents relating to the moving limbs or feet of walking figure toys, and see the search notes thereunder for other related loci.

286 Figure movement simulates propulsion of wheeled support:
This subclass is indented under subclass 280. Device wherein means are provided to move or permit movement of the simulation or a portion thereof with respect to the discrete supporting member as the device rolls over a surface, wherein the movement of the simulation or

portion thereof appears to cause movement of the device over the surface.

287 Movement about vertical axis or by bent support-wheel axle:
This subclass is indented under subclass 280. Device wherein either (1) the simulation or portion thereof moves about an axis substantially perpendicular to the surface over which the device is rolled, or (2) the motion transmission means includes an axially rotating rod with which the rotatable supporting element rotates, wherein the rod includes an angular portion offset from the rotational axis to supply motion to move the simulation or portion thereof.

SEE OR SEARCH THIS CLASS, SUBCLASS:
237+, for a similar toy in which successive rotations are imparted to the figure on the wheeled support.

288 Including means to move figure or figure portion with respect to wheeled support:
This subclass is indented under subclass 279. Device wherein means are provided for supplying power to move the simulation or a portion thereof with respect to the discrete supporting member.

SEE OR SEARCH THIS CLASS, SUBCLASS:
292, for a wheeled figure-toy which includes a wheel-driven mechanism for moving the figure or a portion thereof, and see the search notes thereunder for other related loci.

289 Including axle through or within figure:
This subclass is indented under subclass 269. Device including a shaft or pin on or with which the simulation or rotatable element revolves as it rolls along a surface, wherein the rotational axis coincides with the shaft or pin, and passes through the simulation.

(1) Note. The rotational axis need not pass through the simulation at all times for classification in this subclass.

SEE OR SEARCH CLASS:
901, Robots, subcollection 1 for mobile reprogrammable robots.

290 Front and rear axles:
This subclass is indented under subclass 289. Device wherein the shaft or pin mounts a first rotatable ground engaging element, and a second shaft or pin is provided on or with which a second rotatable ground-engaging element revolves, wherein one of the shafts or pins is displaced forwardly of the other shaft or pin, with respect to the direction of rolling movement of the device.

291 More than two axles:
This subclass is indented under subclass 290. Device including a third shaft or pin on or with which a third rotatable supporting element revolves, and which is displaced forwardly or rearwardly of the first and second shafts or pins with respect to the direction of rolling movement of the device.

292 Including wheel-driven mechanism for moving figure portion or accessory:
This subclass is indented under subclass 290. Device including motion transmitting means connecting one of the rotatable ground engaging elements and either a movable mounted body portion of the simulation or appurtenant structure worn or carried by the simulation, whereby the body portion or appurtenant structure is moved in response to rolling movement of the device over a surface.

SEE OR SEARCH THIS CLASS, SUBCLASS:
238, for a rotating figure on a wheeled support.
272, 274 and 278+, for other rollable wheeled toys having a wheel-driven figure or figure portion.

SEE OR SEARCH CLASS:
280, Land Vehicles, subclasses 827+ for a land vehicle simulating an object or providing a characteristic feature not found upon a conventional land vehicle, especially subclasses 1.165+, 1.192+, or 1.201+ for an occupant propelled vehicle simulating an animate figure and provided with means for moving the figure or a part thereof.

293 For moving limb or foot to simulate walking:
This subclass is indented under subclass 292. Device wherein a leg or terminal part on which the animate being stands is moved in response to rolling movement of the device over a surface to give the appearance that the animate being is travelling by foot.

SEE OR SEARCH THIS CLASS, SUBCLASS:
377, the residual locus for patents relating to the moving limbs or feet of walking figure toys, and see the search notes thereunder for other related loci.

294 Having moving limb or foot to walk or simulate walking:
This subclass is indented under subclass 289. Device wherein means are provided to move or to permit movement of a leg, or a terminal part on which the animate being stands, concurrently with rolling movement of the device over a surface, thereby appearing as though the animate being is traveling by foot.

SEE OR SEARCH THIS CLASS, SUBCLASS:
377, the residual locus for patents relating to the moving limbs or feet of walking figure toys, and see the search notes thereunder for other related loci.

295 Having means to simulate respiration, heartbeat, body temperature, or specific symptom of illness:
This subclass is indented under subclass 268. Device including means for providing the simulation of an animate being with an imitative representation of either (1) the breathing function, (2) a pulsating heart, (3) heat generation from body metabolism, or (4) a manifestation of a disease or infection of the body.

296 Having means for simulating personal toilet or medical activity or device therefor (e.g., bathing, hair care, etc.):
This subclass is indented under subclass 268. Device including means providing an imitative representation of a apparatus or precess by which an individual grooms or cares for itself or another.

297 Having sounding means:
This subclass is indented under subclass 268. Device including means specifically provided for generating sound.

SEE OR SEARCH THIS CLASS, SUBCLASS:
184+, for a figure toy having an air operated sounder actuated by squeezing the figure.
190+, for a moving figure toy having an operated sounder.
270+, for a wheeled figure toy having a sounder.
397+, for other sounding toys, and see the search notes to that subclass for other related loci.

SEE OR SEARCH CLASS:
40, Card, Picture, or Sign Exhibiting, subclasses 455+ for a changing exhibitor having sounding means.
434, Education and Demonstration, subclass 266 for an educational device which simulates body sounds.

298 And internal mechanism to move figure portion:
This subclass is indented under subclass 297. Device including a mechanical motion transmission means enclosed by the simulation and powered by energy-transducing or -storing means, and which is connected to part of the simulation to move that part with respect to another part of the simulation.

SEE OR SEARCH THIS CLASS, SUBCLASS:
353, for a moving figure having intrinsic motive power means.

299 Phonograph, tape, or wire:
This subclass is indented under subclass 298. Device wherein the sound is generated by an instrument which reproduces sound by means of the vibration of a stylus or needle following a groove or by means of electric pulses controlled by a magnetic pattern stored on a ribbon or thread.

300 Head or head part movement:
This subclass is indented under subclass 298. Device wherein the part of the simulation that moves represents the upper or anterior division of a body that contains the brain, the chief sense organs, and the mouth, or a portion of such an upper or anterior division.

SEE OR SEARCH THIS CLASS, SUBCLASS:
338, for a figure toy having a changeable facial feature and means to move the head.

301 Eye, eyelid, or mouth movement:
This subclass is indented under subclass 300. Device wherein the part of the simulation that moves represents either (1) an organ of sight, (2) a movable lid of skin and muscle that can be closed over the eyeball, or (3) the opening through which food passes into the body.

SEE OR SEARCH THIS CLASS, SUBCLASS:
272, for wheeled figure toys having mouth movement accompanied by sound.
329, for a hand puppet having a movable jaw.
337+, for a figure toy having eye, eyelid, or mouth movement, per se.

302 Phonograph, tape, or wire:
This subclass is indented under subclass 297. Device wherein the sound is generated by an instrument which reproduces sound by means of the vibration of a stylus or needle following a groove or by means of electric pulses controlled by a magnetic pattern stored on a ribbon or thread.

303 And motive power means or hand crank:
This subclass is indented under subclass 297. Device including either (1) an energy-transducing or storing mechanism for providing power to operate the device, or (2) a shaft rotatable about its longitudinal axis and provided with a handle extending radially or offset from the shaft to gain mechanical advantage to rotate the shaft.

304 Nursing, eating, or drinking:
This subclass is indented under subclass 268. Device including means for providing an imitative representation of the act of suckling or of ingesting food or liquid.

305 And tearing or wetting:
This subclass is indented under subclass 304. Device wherein the simulation is provided with an opening or passageway through which material passes to exit from the simulation to simulate weeping or wetting.

306 Tearing:
This subclass is indented under subclass 268. Device including an opening or passageway within or adjacent to a representation of an eye on the simulation through which a liquid is discharged to simulate weeping.

SEE OR SEARCH THIS CLASS, SUBCLASS:
190, for a doll having tearing means as well as an air actuated sounder (e.g., “crying”).

307 Rope skipping:
This subclass is indented under subclass 268. Device wherein the simulation repetitively hops or steps or appears to repetitively hop or step over a revolving representation of jump rope.

308 Leaping or projected figure or accessory:
This subclass is indented under subclass 268. Device including means for imparting an impulse to cause the simulation or adjunctive object to be impelled outwardly.

SEE OR SEARCH THIS CLASS, SUBCLASS:
176+, for a pneumatically operated projector.
429+, for a vehicle launcher.

SEE OR SEARCH CLASS:
124, Mechanical Guns and Projectors, for a centrifugally or mechanically operated device, per se, for projecting or launching a projectile into the air, which projectile may be a game projectile classified in Class 473.

273, Amusement Devices: Games, subclasses 108+ for an implement or mechanically operated device (either, per se, or in combination with another game component) for projecting a game projectile such that it travels upon a playing surface at all times in its course, and subclasses 317+ for an implement or device for projecting or launching a game projectile into the air provided only that it is claimed in combination with at least one other game component.

473, Games Using Tangible Projectile, (a) for a player held and powered implement, per se, for striking and thereby projecting or launching a game projectile into the air, (b) for a centrifugally or mechanically operated device for projecting or launching a game projectile into the air provided only that it is claimed in combination with at least one other game component, and (c) for an implement or mechanically operated device (either, per se, or in combination with another game component) for projecting a game projectile such that it travels upon a playing surface at all times in its course.

309 Figure:
This subclass is indented under subclass 308. Device wherein the simulation is impelled outwardly.

310 From within enclosure (e.g., "jack-in-the-box"):
This subclass is indented under subclass 309. Device including a receptacle which receives the simulation and from which it is to be impelled outwardly.

311 Self-projecting:
This subclass is indented under subclass 309. Device wherein the simulation includes means for supplying the impulse by which it is impelled.

312 By impulse from moving limb or foot:
This subclass is indented under subclass 311. Device wherein the impulse for impelling the simulation outwardly is supplied by movement of a leg, or of a terminal part on which the animate being stands.

SEE OR SEARCH THIS CLASS, SUBCLASS:
198, for a leaping figure actuated by squeezing a bulb.

313 Animal and rider:
This subclass is indented under subclass 268. Device wherein a first simulation represents a lower animal as distinguished from man, and a second simulation of an animate being or portion thereof is provided which is supported upon the first simulation.

SEE OR SEARCH THIS CLASS, SUBCLASS:
283, for a wheeled figure toy comprising one figure mounted upon another figure.

314 Including guide for ascending or descending figure:
This subclass is indented under subclass 268. Device including inclined or vertical structure which is adapted to be engaged by the simulation to constrain its movement to a particular path as the simulation goes up or down along the structure.

SEE OR SEARCH THIS CLASS, SUBCLASS:
3, for similar toys, in which the guide is vibrated to cause movement of the figure there along.
228, for a toy which is suspended for travel below a guide or support.
241, for a figure which descends along and rotates about a helically grooved or twisted shaft.

315 And flaccid element for supporting or moving figure:
This subclass is indented under subclass 314. Device including a length of nonself-sustaining pliant material from which the simulation is suspended as it moves up or down, or which is employed to move the simulation up or down.

316 Constructed for walking down incline:
This subclass is indented under subclass 268. Device wherein the simulation includes a plurality of movably connected parts which repre-

sent legs or terminal portions on which the animate being stands, and which move in a manner that permits the simulation to travel down a sloped surface.

SEE OR SEARCH THIS CLASS, SUBCLASS:

364, for walking figure toy which is drawn along a surface by a cord.

377, the residual locus for patents relating to the moving limbs or feet of walking figure toys, and see the search notes thereunder for other related loci.

317 Including spring for returning limb or foot during walking:

This subclass is indented under subclass 268. Device including an elastically deformable element which is caused to deform upon movement of a leg or terminal part from a particular position, and which consequently exerts a force tending to return the leg or terminal part to that position.

SEE OR SEARCH THIS CLASS, SUBCLASS:

337, the residual locus for patents relating to the moving limbs or feet of walking figure toys, and see the search notes thereunder for related loci.

353+, for a figure toy having a spring motor for moving a portion of the figure.

379, for other figure toys having a resiliently biased joint (i.e., joint retainer or return spring).

318 Including musical instrument or simulation thereof:

This subclass is indented under subclass 268. Device including an adjunctive device used to produce music or a visual representation of such a device.

SEE OR SEARCH THIS CLASS, SUBCLASS:

176+, for a figure having an air actuated sounder.

297+, for a figure having a sounder other than an air actuated one.

319 Variable length hair:

This subclass is indented under subclass 268. Device including an elongated threadlike element protruding from the surface of the simulation and intended to represent a hair of the animate being, wherein means are provided which permit the element to be extended or retracted from the surface.

320 Enlargeable or elongatable figure or figure portion:

This subclass is indented under subclass 268. Device wherein the simulation or a portion thereof is formed of a material or is constructed to enable it to increase or appear to increase in dimension or size.

321 Having selectively displayed alternative faces, limbs, or bodies:

This subclass is indented under subclass 268. Device including a plurality of distinct interconnected representations of major anatomical portions, any one of which may be presented to change the appearance of the simulation.

(1) Note. The distinct representations may be mere surfaces on opposite sides of the figure.

SEE OR SEARCH THIS CLASS, SUBCLASS:

99+, for a construction toy whose parts can be selectively arranged to yield different figures by disassembling and then reassembling the parts.

337+, for a figure toy whose facial appearance may be changed by substituting or altering a specific feature of the face.

322 Seesawing or swinging (e.g., "jumping jack"):

This subclass is indented under subclass 268. Device including either (1) an elongated member fulcrumed at its middle and having a simulation mounted or resting on either end for up and down movement about the fulcrum, or (2) means for suspending the simulation for movement about an axis.

SEE OR SEARCH CLASS:

472, Amusement Devices, particularly subclasses 106+ for a full size seesaw and subclasses 118+ for a full size swing appropriate therefor.

323 Including flaccid support or actuator for figure:
This subclass is indented under subclass 322. Device including a length of nonself-sustaining pliant material which is employed either to suspend the simulation for movement about the axis, or to transmit motion from a motor or hand to move the simulation about the axis.

324 Tumbling:
This subclass is indented under subclass 268. Device wherein simulation is constructed specifically for the purpose of turning end over end on a supporting surface.

SEE OR SEARCH THIS CLASS, SUBCLASS:
168+, for gravity operated tumbling figures.
267, for tumbling toys actuated by an enclosed liquid.
309+, for a projected figure which flips end over end in the air.

325 Balanced or self-righting:
This subclass is indented under subclass 268. Device having its mass distributed in such a manner as to cause the simulation or supporting structure therefor to return to its original attitude after it has been tilted from that attitude.

SEE OR SEARCH THIS CLASS, SUBCLASS:
273+, for a wheeled self-righting figure toy.
396, for other balancing or self-righting toys.

326 Having relatively movable sections on balanced or self-righting portion:
This subclass is indented under subclass 325. Device wherein the portion which returns to its original attitude after it has been tilted from that attitude includes two discrete parts which are connected or relatively arranged to allow relative movement between the parts, in addition to the tilting or righting movement.

(1) Note. This subclass includes, for example, balancing figure toys having adjustable weights.

327 Having hand or finger-accommodating means in figure:
This subclass is indented under subclass 268. Device wherein the simulation is provided with means specifically adapted to receive a hand or finger of a person playing with the device, whereby the hand or finger or a portion thereof is within the simulation.

328 Hand or finger forms visible part of figure:
This subclass is indented under subclass 327. Device wherein a portion of the user's hand or finger is employed as a visual representation of the animate being or portion thereof.

329 And movable jaw:
This subclass is indented under subclass 327. Device wherein parts representing the upper and lower portions of the mouth are relatively movable.

SEE OR SEARCH THIS CLASS, SUBCLASS:
301, for a figure toy having a sounder as well as a movable jaw.

330 Having mechanism or manipulatable means to move figure or figure portion:
This subclass is indented under subclass 268. Device including a motor or a hand-actuated motion transmitting means to move the simulation or a part of the simulation with respect to another part.

(1) Note. A spring or elastomeric member is considered to be a "motor" for purposes of this definition.

(2) Note. The motion transmitting means may operatively connect one body portion to another body portion, whereby movement of one of the body portions causes movement of the other body portion.

SEE OR SEARCH THIS CLASS, SUBCLASS:
8+, for a toy money box having a moving figure.
83+, for toy theater and movable figure.
149+, for a card having a movable picture (figure) portion.

156+, for an aquatic toy having a moving figure.
167, for a figure moved by gravity fed fluent material.
169, for a figure moved by a gravity fed element.
176+, for a figure moved by a moving fluid.
236+, for a toy having a rotating figure.
269+, for a rollable toy having a moving figure.
298+, for a moving figure having sounding means.

SEE OR SEARCH CLASS:
40, Card, Picture, or Sign Exhibiting, subclasses 411+ for a movable figure display device.
352, Optics: Motion Pictures, subclass 87 for animation devices used to create motion pictures.

331 Base-mounted figure and button-controlled flaccid element to move figure or figure portion:
This subclass is indented under subclass 330. Device including structure below and supporting the simulation, and an elongated member of nonself-sustaining pliant material connecting the simulation or a portion thereof to a finger-actuated key on the supporting structure adapted to be pushed by a person to move the simulation or one part of the simulation with respect to another part.

332 Figure movable along endless path:
This subclass is indented under subclass 330. Device including means forming a closed circuit and which causes the simulation to travel therealong.

333 Kicking:
This subclass is indented under subclass 330. Device means to move or permit movement of leg or foot of the simulation in a specific manner to appear as though the simulation is striking outwardly or at something with its leg or foot.

334 Fighting:
This subclass is indented under subclass 330. Device including means to move or permit movement of the simulation or a portion thereof in a specific manner to appear as though the simulation is contending in physical combat.

335 Including motive power means or hand crank:
This subclass is indented under subclass 334. Device including mechanical means for moving the simulation or a portion thereof to simulate physical combat, and either (1) energy-transducing or storing means for supplying power to said mechanical means, or (2) a shaft rotatable about its longitudinal axis and provided with a handle extending radially or offset from the shaft to gain mechanical advantage to rotate the shaft and thereby supply power to said mechanical means.

(1) Note. While toy figures having spring motors are included in this subclass, figures having springs which merely return a body portion when moved from a neutral position are not classified here on that basis.

336 Striking:
This subclass is indented under subclass 330. Device including means to move or to permit movement of the simulation or a portion thereof in a specific manner to appear as though the simulation is delivering a blow to something.

SEE OR SEARCH THIS CLASS, SUBCLASS:
334+, for a figure toy which delivers a blow to another figure.

337 Having changeable facial feature:
This subclass is indented under subclass 330. Device wherein the front part of the head of the simulation, including the chin, mouth, nose, cheeks, eyes and forehead, includes a portion which is movable with respect to the remainder to change the appearance of the front part.

SEE OR SEARCH THIS CLASS, SUBCLASS:
100, for a figure toy having facial features changeable by removing or applying portions of the face.
321, for a figure toy having selectively displayed faces.

338 And means to move or manipulate head:
This subclass is indented under subclass 337. Device including mechanical motion transmitting means connecting either the source of power or hand-engageable means to the head of the simulation to move the same with respect to the remainder of the body.

339 Changeable by hand-manipulatable means:
This subclass is indented under subclass 337. Device including hand engageable means for manually moving the movable portion of the face.

SEE OR SEARCH THIS CLASS, SUBCLASS:
151, for a two-dimensional figure on a card having a portion movable by a hand manipulatable actuator.

340 Manipulatable means is different body portion:
This subclass is indented under subclass 339. Device wherein the hand-engageable means for moving the facial portion comprises an area or part on the body represented by the simulation other than the facial portion itself.

341 Including changeable eye:
This subclass is indented under subclass 339. Device wherein the movable portion of the front part of the head represents an eyeball, eyelid, eyebrow or eye opening.

342 Movable eyelid:
This subclass is indented under subclass 337. Device wherein the movable portion of the front part of the head represents a movable lid of skin and muscle that can be moved with respect to the eyeball.

(1) Note. The representation of the movable lid must be separate from the eyeball itself.

343 Movable eye:
This subclass is indented under subclass 337. Device wherein the movable portion of the front part of the head represents an organ of sight.

SEE OR SEARCH THIS CLASS, SUBCLASS:
339+, for a figure toy having a hand manipulator for moving the eyes.

SEE OR SEARCH CLASS:
434, Education and Demonstration, subclass 271 for an educational device which represents the human eye.

344 Universally movable:
This subclass is indented under subclass 343. Device wherein the representation of an organ of sight is movable about a plurality of different axes.

345 About horizontal axis:
This subclass is indented under subclass 343. Device wherein the representation of the organ of sight is rotatable about an axis which is perpendicular to a plane which bisects the head into left and right halves.

346 Independently movable eyes:
This subclass is indented under subclass 345. Device including a plurality of movable portions, each of which represents an organ of site, wherein movement of each organ is not contingent upon movement of another.

347 Incrementally closed by rocking figure:
This subclass is indented under subclass 345. Device including means to rotate or to permit rotation of the eye, step by step, from position wherein the eye appears open, to a position at which it appears closed, wherein each rotational step is caused by back and forth movement of the simulation.

348 Having end-mounted axle, or relatively pivoted or sliding anchoring portions:
This subclass is indented under subclass 345. Device which either (1) includes a pin or shaft on or with which the eye is rotatable, and which is fastened at its distal end to the head of the simulation, or (2) is provided with two relatively movable parts which engage the head of the simulation to secure the eye thereto, wherein the relatively moving parts are connected by structure which allows swinging or guided translational movement between the parts.

349 Having lock or drag for eye movement, or having spring acting against axle in slot:
This subclass is indented under subclass 345. Device including either (1) means for selectively preventing rotation of the eye about an axis, (2) means specifically provided for supplying resistance to rotation of the eye about an axis, or (3) an elastically deformable member located such that when deformed it applies a force against a pin or shaft on or with which the eye rotates.

(1) Note. An axle retaining clip which applies opposing forces on either side of the axle is not included in this subclass.

350 Adjustable eye spacing:
This subclass is indented under subclass 345. Device including a second representation of an organ of sight and structure connecting the two representations which permits the distance between the two to be varied.

351 Operated by movably mounted weight:
This subclass is indented under subclass 330. Device wherein the simulation or a portion thereof is caused to move by a mass which is suspended therefrom or constrained to move in a particular manner with respect to the simulation or portion thereof.

SEE OR SEARCH THIS CLASS, SUBCLASS:
315, for a figure movable up or down a guide and including a weight for moving the figure.

352 Including motive-power means or hand-crank mechanism:
This subclass is indented under subclass 330. Device including either (1) an energy-transducing or storing mechanism for providing power to move the simulation or portion thereof, or (2) a shaft rotatable about its longitudinal axis and provided with a handle extending radially or offset from the shaft to gain mechanical advantage to rotate the shaft which provides power to move the simulation or portion thereof.

(1) Note. While toy figures having spring motors are included in this subclass, figures having springs which merely return a body portion when moved from a neutral position are not classified here on that basis.

(2) Note. Numerous patents to motor driven figures have not been cross-referenced here, but may be found in the specific subclasses above.

SEE OR SEARCH THIS CLASS, SUBCLASS:
14, for a toy operated by an intrinsic temperature change.
90, for a construction toy having a motor.
167, for a figure moved by a stream of gravity fed fluent material.
169, for a figure moved by a rolling, tumbling or falling element.
176+, for a figure moved by a pressure fluid.
236+, for a rotating or spinning figure.
288, for a motor driven figure on a wheeled support.

SEE OR SEARCH CLASS:
901, Robots, subcollection 1 for mobile reprogrammable robots.

353 Motive-power means intrinsic to figure:
This subclass is indented under subclass 352. Device wherein the energy-transducing or-storing means is located inside the simulation.

SEE OR SEARCH THIS CLASS, SUBCLASS:
158, for an aquatic toy including a figure having a motor therein for moving the figure or a portion thereof.
298, for a sounding figure toy having an internal mechanism to move a figure portion.
311+, for a leaping figure toy having an internal motive power means.

354 Human figure having movably attached arm or leg portion moved by motive power means:
This subclass is indented under subclass 353. Device wherein the energy-transducing or storing means provides power to move a portion of the simulation which represents a limb of a body.

SEE OR SEARCH THIS CLASS, SUBCLASS:

333, for a kicking figure toy.

335, for a fighting figure toy.

336, for a figure which appears to deliver a blow to something.

355 Walking:

This subclass is indented under subclass 354. Device wherein the simulation is provided with a movable leg or terminal part upon which the animate being stands, and the energy transducing or storage means, or the shaft, supplies power to move the leg or terminal part to appear as though the animate being is travelling by foot.

SEE OR SEARCH THIS CLASS, SUBCLASS:

377, the residual locus for patents relating to the moving limbs or feet of walking figure toys, and see the search notes thereunder for other related loci.

SEE OR SEARCH CLASS:

180, Motor Vehicles, subclasses 8.1+ for a full size motor vehicle propelled by moving legs (i.e., stepper).

356 Four moving supporting limbs or feet:

This subclass is indented under subclass 353. Device wherein the simulation is provided with four movable legs or terminal parts, all of which are moved relative to the body of the simulation by power supplied by the energy-transducing or-storing means, or the shaft.

SEE OR SEARCH THIS CLASS, SUBCLASS:

377, the residual locus for patents relating to the moving limbs or feet of walking figure toys, and see the search notes thereunder for other related loci.

357 Plural relatively moving figures:

This subclass is indented under subclass 352. Device including a plurality of discrete simulations, wherein each simulation or a portion thereof is movable with respect to another simulation.

SEE OR SEARCH THIS CLASS, SUBCLASS:

281+, for plural relatively moving figures on a wheeled support.

334+, for plural figures which move relatively in a manner to appear as though they are fighting.

358 Including extrinsic electric or wind-up motor:

This subclass is indented under subclass 352. Device including motive power means external to the simulation and comprising either (1) means for converting electrical energy into mechanical movement, or (2) a resiliently deformable member which is deformed to store energy by rotating a hand-engageable portion, wherein the energy is subsequently released to move the simulation or portion thereof.

359 Including support or manipulator extrinsic to figure (e.g., marionette):

This subclass is indented under subclass 330. Device including means outside the simulation which either sustains the simulation against gravity, or serves to transmit motion from the user's hand to the simulation or portion thereof, wherein the supporting or motion-transmitting means does not represent part of the animate being.

(1) Note. This subclass includes figures having a support or manipulator of which only a portion is outside the figure.

SEE OR SEARCH THIS CLASS, SUBCLASS:

339+, for a figure having an external manipulator for moving the eyes.

360 Relatively movable striking platform:

This subclass is indented under subclass 359. Device including a member presenting a surface beneath the simulation, wherein means are provided to move the member in a manner which causes movement of the simulation or portion thereof through impact between the surface and the simulation

SEE OR SEARCH THIS CLASS, SUBCLASS:

3, for a figure combined with a vibrating or horizontally reciprocating support over which the figure travels.

358, for a figure combined with a motor driven platform for striking the figure.

361 Flaccid support or manipulator:

This subclass is indented under subclass 359. Device wherein the means outside the simulation which either sustains it against gravity or transmits motion from the user's hand to the simulation comprises a length of nonself-sustaining pliant material.

SEE OR SEARCH THIS CLASS, SUBCLASS:

331, for a base mounted figure and a button controlled cord for moving the figure or a portion thereof.

362 Plural flaccid elements to manipulate plural body parts:

This subclass is indented under subclass 361. Device including a plurality of lengths of nonself-sustaining pliant material, each of which is connected to a different part of the simulation and which serves to transmit motion to move the respective part.

363 Hand-held overhead support for flaccid elements:

This subclass is indented under subclass 362. Device wherein each of the lengths of pliant material is also connected to or passes through a common member which is adapted to be supported by the user's hand above the simulation and which is manipulated to cause movement of the simulation.

SEE OR SEARCH THIS CLASS, SUBCLASS:

84, for a toy theater including a marionette.

364 For drawing figure along surface:

This subclass is indented under subclass 361. Device wherein the length of pliant material is employed to pull the simulation across a surface.

(1) Note. For proper classification in this subclass, a component of the pulling force must be in the direction of motion.

SEE OR SEARCH THIS CLASS, SUBCLASS:

316, for a figure toy adapted to walk down an incline.

365 Resiliently biased body portion:

This subclass is indented under subclass 359. Device including a member or portion which is deformed elastically upon movement of one part of the simulation from a particular position with respect to another part, and consequently exerts a force tending to return the part to that position.

SEE OR SEARCH THIS CLASS, SUBCLASS:

317, for a figure toy having a spring for returning a limb or foot during walking.

379+, for a resiliently biased joint feature, per se.

366 Rod-supported or -controlled figure:

This subclass is indented under subclass 359. Device wherein the means outside the simulation which either sustains it against gravity or transmits motion from the user's hand to the simulation comprises an elongated pole or bar of relatively rigid material.

SEE OR SEARCH THIS CLASS, SUBCLASS:

352+, for a rod supported or -controlled figure driven by a motor or hand-crank.

367 Plural rods for manipulating plural body parts:

This subclass is indented under subclass 366. Device including a plurality of poles or bars of relatively rigid material, each of which is connected to a different body part of the simulation, and which serves to transmit motion to move the respective part.

SEE OR SEARCH THIS CLASS, SUBCLASS:

84, for a toy theater to be used in conjunction with or including a marionette.

368 Reptile:
This subclass is indented under subclass 268. Device wherein the simulation represents an animal of the class for air-breathing vertebrates that crawl or move on their belly, or on small short legs.

(1) Note. Included in this subclass are simulations of alligators, crocodiles, lizards, snakes, turtles, and extinct related forms such as dinosaurs.

SEE OR SEARCH THIS CLASS, SUBCLASS:
278, for an elongated wheeled figure toy (e.g., snake, worm) having writhing or undulating movement.

369 Fabric-covered stuffed figure:
This subclass is indented under subclass 268. Device wherein the simulation includes an outer layer of woven sheet material distended by a filling of either fluent or compressible solid material.

370 Having enclosed reinforcing or skeletal portion:
This subclass is indented under subclass 369. Device including a member formed of a relatively rigid material located inside the simulation and which lends structural support to the simulation or a portion thereof.

371 Including hinge feature connecting parts:
This subclass is indented under subclass 369. Device provided with a specific connection between two body portions of the simulation which allows one portion to pivot about the connection relative to the other portion.

372 Including facial or hair feature:
This subclass is indented under subclass 369. Device wherein significance is attributed to the structure of that part of the simulation which represents the front part of the head, including the chin, mouth, nose, cheeks, eyes, and forehead, or elongated thread-like element protruding from the surface of the simulation and intended to represent hair.

SEE OR SEARCH THIS CLASS, SUBCLASS:
319, for a figure toy having variable length hair.
321, for a figure toy having alternatively displayed faces.
337+, for a figure toy having a changeable facial feature.
391+, for other facial or hair features.

373 Having enclosed reinforcing or skeletal portion:
This subclass is indented under subclass 268. Device wherein the simulation is provided with a discrete internal member which leads structural support to a body formed of either a less rigid material or of spaced portions of a dissimilar material.

374 Of nonrecovering bendable material:
This subclass is indented under subclass 373. Device wherein the discrete internal member is formed from a plastically deformable material and is readily deformed manually to change the appearance of the simulation.

375 Including pivoted joint:
This subclass is indented under subclass 373. Device wherein a first portion of the discrete internal member is swingable connected to a second portion for movement about an axis passing through the connection.

376 Having movably joined body parts:
This subclass is indented under subclass 268. Device wherein a first portion of the simulation which represents a distinct anatomical part is connected to a second portion representing a second distinct anatomical part and wherein structure connecting the two portions allows relative movement between the two portions.

SEE OR SEARCH CLASS:
403, Joints and Connections, subclasses 52+ for articulated members.
623, Prosthesis (i.e., Artificial Body Members), Parts Thereof, or Aids and Accessories Therefor, for similar devices primarily intended for missing of human body.

377 Walking:
This subclass is indented under subclass 376. Device including a movable leg or terminal portion on which the animate being stands, wherein the motor or leg or terminal portion moves in a manner to appear as though the simulation were travelling by foot.

SEE OR SEARCH THIS CLASS, SUBCLASS:
276+, for a toy vehicle and an external walking figure.
285, for a wheel actuated moving figure mounted upon a wheeled support and which appears to walking.
293, and 294, for a wheeled figure toy having moving limbs to simulate walking.
316, for a figure toy constructed for walking down an incline.
317, for a figure toy having spring for returning a limb or foot during walking.
355, and 356, for walking figure toy powered by an intrinsic motor.
360+, for a marionette, or a walking figure pulled along a surface by an attached cord.

SEE OR SEARCH CLASS:
280, Land Vehicles, subclasses 1.181+ for an occupant ridden and propelled vehicle which represents an animate being and has moving legs to simulate walking.

378 And locking means for retaining body parts in adjusted position:
This subclass is indented under subclass 376. Device including distinct means for selectively holding the two portions in a fixed relative position or releasing them for relative movement.

SEE OR SEARCH CLASS:
403, Joints and Connections, subclasses 83+ for articulated members lockable at fixed positions.

379 Including separate resilient member:
This subclass is indented under subclass 376. Device wherein the structure connecting the two distinct portions of the simulation includes a discrete member which is elastically deformed either upon assembly or upon relative movement between the two portions.

SEE OR SEARCH THIS CLASS, SUBCLASS:
317+, for a walking figure toy having a spring for returning a limb or foot during walking.
353+, for figures wherein the resilient member is employed as a motive power means to move a figure part, rather than a mere return spring.

380 Elastomeric member:
This subclass is indented under subclass 379. Device wherein the discrete connecting member is formed of rubber or of a substance which exhibits similar stretch characteristics.

381 For joint allowing movement about plural axes:
This subclass is indented under subclass 379. Device wherein the connecting structure between the two distinct portions of the simulation permits one portion to be rotated relative to the other portion about any one of a plurality of different axes of rotation.

382 By bendable or pliant material connecting parts:
This subclass is indented under subclass 376. Device wherein the structure connecting the two portions which allows relative movement consists of a material which is readily deformed to allow the movement.

383 Including joint allowing movement about plural axes:
This subclass is indented under subclass 376. Device wherein the structure connecting the two portions of the simulation permits one portion to be rotated relative to the other portion about any one of a plurality of different axes of rotation.

SEE OR SEARCH CLASS:
403, Joints and Connections, subclasses 53+ for articulated members having plural distinct articulated axes.

384 Swivelled head:
This subclass is indented under subclass 376. Device wherein one of the relatively moving distinct anatomical parts represents the upper or anterior division of the body that contains the brain, the chief sense organs and the mouth, and the connecting structure permits pivotal movement of that part about an axis passing from the connecting structure through the top of the upper or anterior division.

SEE OR SEARCH THIS CLASS, SUBCLASS:
300, for a sounding figure toy having means to move the head.
338, for a figure toy having a changeable facial feature and means to move or manipulate the head.

385 Formed from specific material:
This subclass is indented under subclass 268. Device wherein significance is attributed to the particular type of material from which the simulation or adjunctive object is formed.

SEE OR SEARCH THIS CLASS, SUBCLASS:
369+, for a fabric covered stuffed figure toy.

386 Edible material:
This subclass is indented under subclass 385. Device wherein the simulation or adjunctive object is formed from a substance adapted to be eaten by a human being or an animal.

SEE OR SEARCH CLASS:
426, Food or Edible Material: Processes, Compositions, and Products, subclass 104 for a edible product in the form of a toy and see the search notes to that subclass definition for the line with Class 446.

387 Sheet material figure (e.g., paper doll):
This subclass is indented under subclass 385. Device wherein the simulation comprises a section of material that is thin in comparison to its length and breadth and having an outlined representing that of the animate being.

SEE OR SEARCH THIS CLASS, SUBCLASS:
98, for a sheet material figure having attachable and removable clothes.

388 Three-dimensional folded figure:
This subclass is indented under subclass 387. Device wherein one portion of the thin material is adapted to be bent along a line toward an adjacent portion to thereby form a simulation or portion thereof having length, width, and depth.

SEE OR SEARCH THIS CLASS, SUBCLASS:
488, for other toys formed by folding sheet material.

389 Eye:
This subclass is indented under subclass 385. Device wherein significance is attributed to the particular type of material forming a representation of an organ of sight.

(1) Note. This subclass is intended to include features of eye sockets, eyelids, and eyelashes, per se, but not of eyebrows.

SEE OR SEARCH THIS CLASS, SUBCLASS:
392, for structural features of doll eyes, and see the search notes thereunder for related loci.

390 Limb, hand, or foot:
This subclass is indented under subclass 268. Device wherein significance is attributed to the part of the simulation representing a leg, arm, or the terminal portion of a leg or arm.

SEE OR SEARCH CLASS:
623, Prosthesis (i.e., Artificial Body Members), Parts Thereof, or Aids and Accessories Therefor, for similar devices primarily intended for missing of human body.

391 Head:
This subclass is indented under subclass 268. Device wherein significance is attributed to the part of the simulation which represents the upper or anterior division of the body that con-

tains the brain, the chief sense organs and the mouth.

SEE OR SEARCH THIS CLASS, SUBCLASS:
372, for a facial or hair feature of a fabric covered stuffed figure.

SEE OR SEARCH CLASS:
434, Education and Demonstration, subclass 270 for an educational device which represents all or a portion of the human head.

392 Eye:
This subclass is indented under subclass 391. Device wherein significance is attributed to a representation of an organ of sight.

(1) Note. This subclass is intended to include features of eye sockets, eyelids and eyelashes, but not of eyebrows, per se.

SEE OR SEARCH THIS CLASS, SUBCLASS:
343, for an eye and mounting structure which permits movement thereof.

SEE OR SEARCH CLASS:
434, Education and Demonstration, subclass 271 for an educational device which represents the human eye.
623, Prosthesis (i.e., Artificial Body Members), Parts Thereof, or Aids and Accessories Therefor, subclasses 4+ for artificial eyes for use in a living human body.

393 Eyelash:
This subclass is indented under subclass 392. Device including an elongated thread-like element which represents a hair edging the eyelid.

394 Having hair:
This subclass is indented under subclass 391. Device including an elongated thread-like element protruding from the head of the simulation and intended to represent hair.

SEE OR SEARCH THIS CLASS, SUBCLASS:
296, for a figure toy combined with means simulating a personal toilet activity or device, such as hair grooming.
319, for a figure toy having variable length hair.
372, for a fabric covered stuffed figure toy having hair on its head.

SEE OR SEARCH CLASS:
132, Toilet, subclasses 53+ for a wig for use on a human head.

395 Mouth feature:
This subclass is indented under subclass 391. Device wherein significance is attributed to the area of a representation of the opening through which food passes into the body.

SEE OR SEARCH THIS CLASS, SUBCLASS:
190+, and 301, for a talking figure toy having mouth movement.

396 BALANCED OR SELF-RIGHTING (E.G., ROCKING):
This subclass is indented under the class definition. Device the mass of which is distributed in such a manner as to cause the device or a portion thereof to return to a particular attitude after it has been tilted from that attitude.

SEE OR SEARCH THIS CLASS, SUBCLASS:
228+, for a toy comprising a balanced portion suspended for travel below a guide or support.
273+, for a self-righting wheeled figure toy.
315, for a figure toy balanced upon a flaccid element for movement therewith or therealong.
325, for balancing or self-righting figure toys.

397 SOUNDING:
This subclass is indented under the class definition. Device including means specifically provided for generating sound.

SEE OR SEARCH THIS CLASS, SUBCLASS:

81, for a sounding toy which is converted from, or may serve as, a diverse article or device.

141, for toy telephone having a voice feature.

143, for a sounding toy having a simulated keyboard.

176+, for a fluid operated sounder.

236+, for a rotating sounding toy.

270+, for a rollable figure toy having a sounder.

297+, for a figure toy having sounder.

SEE OR SEARCH CLASS:

40, Card, Picture, or Sign Exhibiting, subclasses 455+ for a changing exhibitor with sound.

84, Music, appropriate subclasses for a toy sounding instrument used to produce music.

116, Signals and Indicators, appropriate subclasses for mechanical signals, including alarms.

340, Communications: Electrical, subclasses 384.1+ for audible electric signals, such as bells, gongs, whistles, sirens and horns.

623, Prosthesis (i.e., Artificial Body Members), Parts Thereof, or Aids and Accessories Therefor, subclass 9 for artificial larynxes for use in a living human body.

398 Detonating:

This subclass is indented under subclass 397. Device including means for causing a charge of fulminating material to explode.

SEE OR SEARCH CLASS:

102, Ammunition and Explosives, appropriate subclasses for a missile, blasting device, pyrotechnic, gun ammunition, or miscellaneous explosive device. See subclass 281 for explosive caps for toys.

116, Signals and Indicators, subclass 23, 83 and 87+ for a detonating signal or alarm.

472, Amusement Devices, particularly subclass 53 and 56 for an amusement device for perpetrating a practical joke or an initiation ceremony, which produces an unexpected noise.

399 Including projecting means:

This subclass is indented under subclass 398. Device wherein means are provided for impelling outwardly a portion of the device.

(1) Note. The projecting means usually comprises the fulminating charge. However, a mechanical projector may be found herein when the device includes an additional feature (e.g., Class 446 sounder) which precludes classification in Class 124, Mechanical Guns and Projectors, subclass 2.

SEE OR SEARCH CLASS:

124, Mechanical Guns and Projectors, subclass 2 for a mechanically operated device for throwing or impelling a projectile and combined with a cap exploder.

273, Amusement Devices: Games, subclasses 108+ for an implement or mechanically operated device (either, per se, or in combination with another game component) for projecting a game projectile such that it travels upon a playing surface at all times in its course, and subclasses 317+ for an implement or device for projecting or launching a game projectile into the air provided only that it is claimed in combination with at least one other game component.

473, Games Using Tangible Projectile, (a) for a player held and powered implement, per se, for striking and thereby projecting or launching a game projectile into the air, (b) for a centrifugally or mechanically operated device for projecting or launching a game projectile into the air provided only that it is claimed in combination with at least one other game component, and (c) for an implement or mechanically operated device (either, per se, or in combination with another game component) for projecting a game projectile such that it travels upon a playing surface at all times in its course.

400 Projectile:
This subclass is indented under subclass 398. Device wherein means are provided to explode the charge by throwing the device through the air.

(1) Note. The charge may be exploded as a result of the throwing motion itself, or by the consequent impact.

SEE OR SEARCH CLASS:
102, Ammunition and Explosives, appropriate subclasses for pyrotechnics and exploding or explosively propelled projectiles.
473, Games Using Tangible Projectile, subclass 571 for a game projectile having sound producing means.

401 Simulated weapon:
This subclass is indented under subclass 398. Device comprising an imitative representation of an instrument of offensive or defensive combat.

(1) Note. This subclass does not include cap pistols. See search notes below.

SEE OR SEARCH THIS CLASS, SUBCLASS:
473, for a simulated weapon without a sounder, and see the search notes in the subclass definition for related loci.

SEE OR SEARCH CLASS:
42, Firearms, subclasses 54+ for a detonating toy firearm such as a cap pistol.

402 Cane or rod thrust longitudinally against surface:
This subclass is indented under subclass 398. Device wherein the charge exploding means is carried by an elongated relatively rigid member, wherein the charge is exploded by striking the end of the member against a surface in the direction of its longitudinal axis.

SEE OR SEARCH CLASS:
42, Firearms, subclass 52 for a cane gun.

403 Including magazine:
This subclass is indented under subclass 402. Device including a supply for a plurality of charges, and means for successively feeding the charges to the exploding means.

404 With means facilitating combination with diverse art device:
This subclass is indented under subclass 397. Device including means for attaching or engaging the sound-generating means with an article other than a toy.

405 Having simulated weapon feature coordinated with sound:
This subclass is indented under subclass 397. Device comprising an imitative representation of an instrument of offensive or defensive combat, wherein the sound is generated while simulating the operation of the instrument.

SEE OR SEARCH THIS CLASS, SUBCLASS:
473, for other toy weapons, and see the search notes under that subclass definition for related loci.

406 Including finger trigger for sounder:
This subclass is indented under subclass 405. Device comprising a button or pivoted lever adapted to be operated by a finger on a hand grasping the instrument to cause the sound to be produced.

407 Single report:
This subclass is indented under subclass 406. Device wherein the sound generating means issues a single sharp noise each time the trigger is operated and released.

SEE OR SEARCH THIS CLASS, SUBCLASS:
401, for a detonating toy shaped to simulate a weapon.

408 Simulated musical instrument, radio, camera, or television device:
This subclass is indented under subclass 397. Device comprising an imitative representation of either (1) a device to be played by an individual to produce music, (2) a device which either receives or transmits electromagnetic wave energy and converts the energy into

sound, or visa versa, (3) a device for taking photographs, or (4) a device for receiving coded electrical information and converting it into a visual image on a screen.

SEE OR SEARCH THIS CLASS, SUBCLASS:
143, for a toy keyboard instrument.
202+, for a toy horn, whistle or siren.
318, for a figure having a simulated musical instrument.

SEE OR SEARCH CLASS:
84, Music, subclasses 1+ for musical instrument, i.e., sound producing devices which may be manipulated by an operator to produce music. Class 446 will take devices which are capable of producing different tones, but are not intended to produce music.

409 Including rolling or tumbling toy:
This subclass is indented under subclass 397. Device at least a portion of which is specifically adapted to have rolling contact with or to turn end over end along a supporting surface, or is supported upon a generally round rotatable element on which it may be rolled along a surface.

SEE OR SEARCH THIS CLASS, SUBCLASS:
270+, for a figure wheeled sounding toy.
431+, for other toy wheeled vehicles, and see the search notes thereunder for other loci.

410 Toy locomotive:
This subclass is indented under subclass 409. Device comprising an imitative representative of a self-propelled railway vehicle used for moving other railroad cars.

SEE OR SEARCH THIS CLASS, SUBCLASS:
467, for a railroad locomotive simulating toy, per se.

SEE OR SEARCH CLASS:
105, Railway Rolling Stock, subclasses 26.1+ for a toy locomotive wherein all claimed structure is suitable for a full scale device.

411 And rod, cable or tether as guide means:
This subclass is indented under subclass 409. Device including an elongated member connected or engageable at one end to a rollable portion of the device and by which the rollable portion is constrained to move at a distance or about a radius determined by the length of the elongated member.

SEE OR SEARCH THIS CLASS, SUBCLASS:
450+, for similar rolling toys without sounders.

412 Guide means secured centrally of wheel:
This subclass is indented under subclass 411. Device wherein the elongated member is attached to the rollable portion at a point lying on the rotational axis of the rollable portion.

SEE OR SEARCH THIS CLASS, SUBCLASS:
452+, for similar rolling toys without sounders.

413 Including wheel-carried strikers for impacting nonrotating portion:
This subclass is indented under subclass 412. Device wherein the rotating portion is provided with a plurality of elements adapted to contact one or more cooperating elements which are fixed with respect to the elongated member, to produce the sound.

SEE OR SEARCH THIS CLASS, SUBCLASS:
420, for a ratchet-actuated sounder, per se.

414 Having belt-carried or rotary striker on vehicle:
This subclass is indented under subclass 409. Device comprising a wheeled toy having a rotatable member or a projection on the surface of a continuous band of pliant material for impacting against a cooperating portion as the member or band rotates, whereby a sound is produced.

SEE OR SEARCH THIS CLASS, SUBCLASS:
418+, for a sounder comprising a rotary striker, per se.

415 Snapping sheet member (e.g., cricket):
This subclass is indented under subclass 397. Device wherein the sound generating means comprises a portion of relatively rigid spring material which is thin in comparison to its length and breadth, wherein a sharp sound is produced when a section of the spring material snaps back after being displaced from its original position.

416 Voice-actuated diaphragm (e.g., kazoo):
This subclass is indented under subclass 397. Device including a pliant membrane which is caused to vibrate by sound waves emitted from the vocal cords of a person, and which produces its own sound by the vibrations.

417 Tick-tack:
This subclass is indented under subclass 397. Device having an element or portion adapted to impact against a surface on something other than the device to produce a sound.

(1) Note. The "surface" is typically a window pane.

418 Percussion:
This subclass is indented under subclass 397. Device wherein the sound-generating means comprises a first portion adapted to strike a second portion to produce a sound.

SEE OR SEARCH THIS CLASS, SUBCLASS:
397, for a scraping sounder.

419 Unattached loosely confined percussive member (e.g., rattle):
This subclass is indented under subclass 418. Device wherein the first portion comprises a free element contained within a compartment, wherein the volume of the compartment is greater than the volume of the element such that the element strikes the compartment walls when the compartment is shaken.

420 Ratchet-actuated:
This subclass is indented under subclass 418. Device wherein the first portion comprises an arm actuated by a star wheel or other rotating element having actuating structure about its periphery.

SEE OR SEARCH CLASS:
116, Signals and Indicators, subclasses 144+ for a sound generator having a rotary striker in the form of a toothed wheel.

421 Including handle for shaking, flipping, or flicking:
This subclass is indented under subclass 418. Device wherein the first and second portions are carried on a common member adapted to be grasped by the hand and moved quickly to cause the first portion to move relative to and strike the second portion.

SEE OR SEARCH CLASS:
116, Signals and Indicators, subclasses 148+ for a bell.

422 Resiliently restored swinging percussive member:
This subclass is indented under subclass 421. Device including elastically deformable means which tends to move the first portion away from the second portion after it strikes the second portion.

423 GARAGE:
This subclass is indented under the class definition. Device comprising a simulation of a building or portion thereof in which motor vehicles are repaired, serviced, or stored.

SEE OR SEARCH THIS CLASS, SUBCLASS:
85+, for a garage or other building that may be played with by constructing or dismantling the same.
476+, for other toy buildings.
483, for a simulated gas pump.

424 MATERIAL OR ARTICLE HANDLING DEVICE:
This subclass is indented under the class definition. Device comprising a simulation of an instrument or machine for displacing or placing articles or material in a particular manner.

(1) Note. Devices such as toy elevators or jacks which merely lift or lower an article are excluded.

(2) Note. Excluded are devices having only internal feeding mechanisms such as magazines.

SEE OR SEARCH THIS CLASS, SUBCLASS:
423, for a toy garage having an elevator or lift.

SEE OR SEARCH CLASS:
212, Traversing Hoists, appropriate subclasses for a device for suspending and moving a load horizontally, wherein all claimed structure is suitable for a full size device.
414, Material or Article Handling, appropriate subclasses for a device for displacing or placing articles or material in a particular manner, wherein all claimed structure is suitable for a full size device.

425 Having load-supporting swingable arm:
This subclass is indented under subclass 424. Device including an elongated member which extends outwardly from supporting structure upon which it is mounted to swing about an axis, and having means for carrying thereon or suspending therefrom the material or articles.

SEE OR SEARCH CLASS:
212, Traversing Hoists, subclasses 255+ for a functional crane having a vertically swinging boom.

426 Horizontally swinging (e.g., crane):
This subclass is indented under subclass 425. Device including means which allows the elongated member to be swung about a substantially vertical axis.

SEE OR SEARCH CLASS:
212, Traversing Hoists, subclasses 223+ for a functional crane having a horizontally swinging boom.

427 On wheeled vehicle:
This subclass is indented under subclass 424. Device wherein the simulation of an instrument or machine for placing or displacing articles or material is supported by a generally round rotatable element upon which it may roll over a surface.

(1) Note. The vehicle must be capable of moving the material or article with respect to the vehicle, rather than merely transporting the material or articles.

SEE OR SEARCH CLASS:
258, Railway Mail Delivery, subclasses 5+ for a railway vehicle having means to collect or eject a package therefrom.

428 Having tiltable vehicle body portion for discharging contents (e.g., dump truck):
This subclass is indented under subclass 427. Device comprising a simulated conveyance for transporting the articles or material in a receptacle or on a platform which forms a principal part of the conveyance, wherein the receptacle or platform is mounted for movement about an axis, such that when moved about the axis, the articles or material are removed from the receptacle or platform by gravity.

(1) Note. Toy vehicles having stationary receptacle with trap doors have been classified in subclass 427.

SEE OR SEARCH CLASS:
298, Land Vehicles, Dumping, appropriate subclasses for full size dumping vehicles, and toy dumping vehicles which if made of sufficient size could be operative devices.

429 DISCRETE LAUNCHER, ACCELERATOR, OR RETARDER FOR TOY VEHICLE:
This subclass is indented under the class definition. Device including means for either (1) imparting an initial velocity to, or (2) increasing or decreasing the speed of or (3) releasing in an energized condition, a simulation of a conveyance wherein the velocity-imparting or changing means is external to and does not form a part of the conveyance.

SEE OR SEARCH THIS CLASS, SUBCLASS:
45, for a rotary wing toy and launcher therefor.
54, for a parachute toy and launcher.
63+, for a toy glider combined with a launcher.

212, for a jet propelled rocket and launcher.

SEE OR SEARCH CLASS:

124, Mechanical Guns and Projectors, appropriate subclasses for a mechanical projector for an aerial projectile.

273, Amusement Devices: Games, subclasses 108+ for an implement or mechanically operated device (either, per se, or in combination with another game component) for projecting a game projectile such that it travels upon a playing surface at all times in its course, and subclasses 317+ for an implement or device for projecting or launching a game projectile into the air provided only that it is claimed in combination with at least one other game component.

473, Games Using Tangible Projectile, (a) for a player held and powered implement, per se, for striking and thereby projecting or launching a game projectile into the air, (b) for a centrifugally or mechanically operated device for projecting or launching a game projectile into the air provided only that it is claimed in combination with at least one other game component, and (c) for an implement or mechanically operated device (either, per se, or in combination with another game component) for projecting a game projectile such that it travels upon a playing surface at all times in its course.

430 Including helical spring or elastomeric strip:

This subclass is indented under subclass 429. Device wherein the means for changing the velocity of the simulated conveyance includes an elastically deformable element comprising either (1) a coil spring in the form of a helix, or (2) a length of rubber or a material which exhibits similar stretch characteristics.

SEE OR SEARCH THIS CLASS, SUBCLASS:

64+, for a resiliently biased projecting means for a toy glider.

SEE OR SEARCH CLASS:

124, Mechanical Guns and Projectors, subclasses 16+ for a spring actuated projector for an aerial projectile.

431 ROLLING OR TUMBLING (E.G., WHEELED):

This subclass is indented under the class definition. Device comprising either (1) means specifically adapted to have rolling contact with or to turn end over end along a supporting surface, or (2) means supported by a generally round rotatable element upon which it may be rolled along a supporting surface.

SEE OR SEARCH THIS CLASS, SUBCLASS:

6, for a wheeled vehicle having portions knocked apart or awry by impact.

23, for a wheeled vehicle having means for emitting sparks.

25, for a wheeled vehicle having smoke emitting means.

71+, for a toy wheeled vehicle converted from a diverse article (e.g., container).

95+, for a construction toy in the form of a wheeled vehicle.

174, for a wheeled carrier moved by a gravity fed rolling, tumbling, or falling element (e.g., marble).

237+, for a toy wheeled vehicle having a visible rotating portion.

269+, for a rollable toy which includes a simulation of an animate being or portion thereof.

409+, for a rollable toy having sounding means.

432 Fire apparatus:

This subclass is indented under subclass 431. Device comprising a simulation of a vehicle which is used to combat fires.

433 Endless track vehicle:

This subclass is indented under subclass 431. Device including either a chain of pivoted elements, or a belt, wherein the belt or chain is in the form of a closed loop which is carried by a vehicle and contacts a supporting surface, and which is caused to revolve to propel the vehicle forward, or structure which simulates such a chain or belt.

SEE OR SEARCH THIS CLASS, SUBCLASS:

425, for an endless track vehicle having a vertically swinging load supporting bucket or scoop.

434 Tractor or trailer:

This subclass is indented under subclass 431. Device comprising either (1) a simulation of an on- or off-road vehicle which is specifically adapted to draw another vehicle or a piece of equipment, or (2) a simulation of an on- or off-road vehicle adapted to be drawn by another vehicle.

SEE OR SEARCH THIS CLASS, SUBCLASS:

424+, for a simulation of a self-loading or unloading tractor or trailer.

435 Vehicle and means for freeing or launching object therefrom:

This subclass is indented under subclass 431. Device including a simulated wheeled conveyance and an object carried thereon, wherein means are provided either for releasing the object from the conveyance, or for impelling the object outwardly from the conveyance.

SEE OR SEARCH THIS CLASS, SUBCLASS:

6, for a vehicle having portions which are knocked apart or awry upon impact.

427, for a toy material handling vehicle having means to unload material therefrom (e.g., dumping).

436 Including changeable program carried by vehicle:

This subclass is indented under subclass 431. Device comprising a wheeled portion having control means thereon which either causes a change in the travelling movement or controls a particular operation to be performed at a future time after an operator has selected one of a plurality of available modes of operation by altering the control means.

437 Including means for causing erratic movement:

This subclass is indented under subclass 431. Device comprising means for steering or driving the rolling or tumbling means in an irregular manner by successive changes in speed or direction.

438 Including illumination means:

This subclass is indented under subclass 431. Device having a source of light.

SEE OR SEARCH THIS CLASS, SUBCLASS:

485, the residual subclass for toys having an electric lamp, and see the search notes thereunder for related loci.

439 And battery holder or rolling or tumbling toy:

This subclass is indented under subclass 438. Device including structure carried by the rolling or tumbling means specifically provided for supporting an electric cell for supplying energy to the source of light.

440 Motorcycle, tricycle or bicycle:

This subclass is indented under subclass 431. Device comprising a simulated wheeled conveyance having a front wheel, a rear wheel, and a saddle therebetween whereby a simulated rider may straddle the conveyance.

SEE OR SEARCH CLASS:

280, Land Vehicles, subclasses 29+ for a wheeled vehicle on which a person may ride.

441 Including vehicle carried control mechanism activated or deactivated in response to contact with extrinsic structure:

This subclass is indented under subclass 431. Device comprising a wheeled vehicle having means thereon for changing the speed or direction of the vehicle, wherein said means is operated when a part carried by the vehicle comes into contact with structure located on or adjacent to the path of the vehicle.

SEE OR SEARCH CLASS:

104, Railways, subclass 117.1 for cable railways having automatic stopping or reversing of the vehicle.

442 Reversing:
This subclass is indented under subclass 441. Device wherein the speed-or direction changing means causes the vehicle to travel in the opposite direction after the part carried by the vehicle contacts the structure on or adjacent to the path of the vehicle.

SEE OR SEARCH CLASS:
104, Railways, subclass 117.1 for cable railways having automatic reversing of the vehicle; and subclass 303 for a railway vehicle having a reversing switch responsive to contact with means along the guideway.

443 Having reversible drive:
This subclass is indented under subclass 431. Device including a motor or power-transmitting means which can propel the rolling or tumbling means either forwards or backwards.

444 Including extrinsic guide or means cooperable with extrinsic guide:
This subclass is indented under subclass 431. Device including either (1) fixed structure external to and not forming a part of the rolling or tumbling means, for constraining the movement of the rolling or tumbling means to a particular path, or (2) means on the rolling or tumbling means adapted to engage such fixed structure to constrain the movement of the rolling or tumbling means to a particular path.

(1) Note. A track which allows a vehicle thereon to change lanes at any time is not considered to be an extrinsic guide as defined above.

SEE OR SEARCH THIS CLASS, SUBCLASS:
455, for a multilane track having ribbon conductors along the surface through which commands are given to a vehicle to change lanes.
467, for a simulated railway vehicle which does not have flanged wheels (as claimed).

SEE OR SEARCH CLASS:
104, Railways, appropriate subclasses for electrically powered toy railways (see the search notes to Class 104 in the main definition to Class 446 for the line).
238, Railways: Surface Track, subclass 10 for toy track.

445 Cooperable traction means on vehicle and roadway:
This subclass is indented under subclass 444. Device comprising a simulated wheeled conveyance and driven structure either on the simulation, or on or adjacent to the path of the simulation which engages specific structure on the path or simulation, respectively, to propel the vehicle along the path.

SEE OR SEARCH CLASS:
104, Railways, subclasses 165+ for fullsize railways having a traction-type propulsion system.

446 By guide surface below running surface:
This subclass is indented under subclass 444. Device having means on the rollable or wheeled means adapted to engage path-defining structure external to and not forming a part of the rollable or wheeled means, wherein the path-defining structure comprises a surface adapted to support thereover the weight of the rollable or wheeled means, and a lower generally vertical surface adapted to constrain the movement of the rollable or wheeled means to the particular path.

447 Vehicle having flanged wheel:
This subclass is indented under subclass 446. Device including a simulated conveyance supported by a generally round rotatable element upon which it may be rolled along the horizontal supporting surface, wherein the rotatable element includes a vertically protruding lip formed about its periphery and adapted to cooperated with the vertical surface on the path-defining structure to constrain movement of the conveyance to a particular path.

SEE OR SEARCH CLASS:
105, Railway Rolling Stock, appropriate subclasses for miniature railway rolling stock. Class 446 takes claimed devices which include structure not suitable for a full scale device.

448 Including wheel- or axle-operated device:
This subclass is indented under subclass 431. Device including a generally round rotatable element upon which the device may be rolled along a supporting surface, and including means for transmitting energy from either the rotatable element or an axial shaft with which the rotatable element revolves, to a dynamic portion which is actuated by the transmitted energy.

SEE OR SEARCH THIS CLASS, SUBCLASS:
237+, for a wheeled toy in which the wheel or axle imparts successive rotation to the wheel or axle operated device.
269+, especially subclasses 272, 274, 277, 280+, and 292+, for a wheeled figure toy having a wheel-drive mechanism for moving the figure or a portion thereof.
409+, for a wheel operated sounder.

449 Operated by belt drive or by tangential contact with wheel:
This subclass is indented under subclass 448. Device wherein the energy-transmitting means comprises either (1) a rotary loop of flexible material, or (2) a rotatable member which contacts the periphery of the rotatable element upon which the device rolls.

SEE OR SEARCH THIS CLASS, SUBCLASS:
232, for a wheeled simulated airplane having a belt or friction transmission between a wheel and a propeller.

450 Including handle, rod, or tether for physically guiding or propelling (e.g., trundle, hoop, etc.):
This subclass is indented under subclass 431. Device wherein the speed or direction of the rolling or tumbling means may be changed or maintained through physical interaction either with a hand-engageable portion thereon, or with an elongated member which is adapted to contact the rolling or tumbling means or is attached thereto at one of its ends and is secured or held by a person at the other end.

SEE OR SEARCH THIS CLASS, SUBCLASS:
411+, for similar devices provided with a sounder.

451 Plural wheels:
This subclass is indented under subclass 450. Device including a rolling portion which comprises a plurality of coaxially spaced discs, rings, or annuluses.

452 Guide means secured centrally of wheel:
This subclass is indented under subclass 450. Device wherein the rolling or tumbling means comprises a ring, annulus or disc, and the hand engageable portion or the elongated member is attached to the ring, annulus or disc at a point lying on its axis of rotation.

SEE OR SEARCH THIS CLASS, SUBCLASS:
412+, for similar devices provided with a sounder.

453 Including rolling element or sliding or pivoted retainer between rod and hoop or wheel:
This subclass is indented under subclass 450. Device including an intermediate friction reducing element which rolls along the ring, disc or annulus as it travels along the surface, or a discrete element mounted for either swinging or guided translational movement to secure or release the connection between the elongated member and the ring, annulus or disc.

454 Remotely controlled:
This subclass is indented under subclass 431. Device including means on the rolling or tumbling means for changing its speed or direction and further including control means removed from the rolling or tumbling means by which an operator may control the speed-or direction-changing means.

SEE OR SEARCH THIS CLASS, SUBCLASS:
8, for a simulated vehicle cockpit or simulated vehicle control means.
154+, for a remotely controlled aquatic toy.
175, for any toy remotely controlled by an extrinsic light or sound signal.

SEE OR SEARCH CLASS:
104, Railways, subclasses 295+ for remotely controlled electric toy railways, including slot car systems.
340, Communications: Electrical, subclasses 825+ for an electrical remote control system, per se.

455 Via conductor adjacent to vehicle path:
This subclass is indented under subclass 454. Device including a stationary conductor of an electrical circuit placed alongside the path of the rolling or tumbling means for transmitting an electrical signal from the control means to the speed or direction-changing means on the rolling or tumbling means, wherein the rolling or tumbling means is in the form of a wheeled conveyance.

SEE OR SEARCH CLASS:
104, Railways, subclass 304 for a steerable slot guided vehicle; and subclass 296 for other remotely controlled slot guided vehicles.

456 By radio signal:
This subclass is indented under subclass 454. Device wherein the control means comprises a transmitter for sending a signal in the form of radio waves to control the speed or direction-changing means on the rollable or wheeled means.

SEE OR SEARCH THIS CLASS, SUBCLASS:
154+, for a radio controlled toy boat.

SEE OR SEARCH CLASS:
180, Motor Vehicles, subclass 167 for a full size motor vehicle remotely controlled by a radio signal.
340, Communications: Electrical, subclass 825.69 and 825.72 for a radio remote control system, per se.

457 Including intrinsic motive power means for propulsion:
This subclass is indented under subclass 431. Device comprising energy-transducing or storing means located inside the rolling or tumbling means for providing power to move the rolling or tumbling means along a surface.

SEE OR SEARCH THIS CLASS, SUBCLASS:
269+, for a motor-driven wheeled figure toy.

458 And eccentric weight:
This subclass is indented under subclass 457. Device including a mass rotatably connected to a rollable means and whose center is radially offset from the axis of rotation of the rolling means.

(1) Note. The mass typically keeps the propulsion means from rotating with the rolling means.

459 Elastomeric (e.g., rubber band):
This subclass is indented under subclass 457. Device wherein the energy storing means for providing power to move the rolling or tumbling means comprises on elastically deformable member formed of rubber or a substance which exhibits similar characteristics.

SEE OR SEARCH THIS CLASS, SUBCLASS:
176, for a propeller driven toy land vehicle.

460 Steering vehicle:
This subclass is indented under subclass 457. Device including means carried by a wheeled means for altering its course over the surface.

SEE OR SEARCH THIS CLASS, SUBCLASS:
436, for a toy vehicle having a changeable program for controlling the steering.
437, for a programmed steering control means for causing erratic movement of the vehicle.
454+, for remotely controlled toy vehicle.
468, for a toy wheeled vehicle having means which permits turning of a wheel for steering.

461 Having lock for rotary motor or transmission:
This subclass is indented under subclass 457. Device wherein the energy-transducing or storing means or, power-transmitting means therefrom, includes an element which turns about an axis, wherein means are provided to selectively interfere with the rotation of said element to prevent the energy storing or transducing

means from propelling the rolling or tumbling means.

462 Having intrinsic energy storing battery or flywheel:
This subclass is indented under subclass 457. Device wherein the energy-storing means comprises either a chemical cell that furnishes electric current, or a rotatable mass.

SEE OR SEARCH THIS CLASS, SUBCLASS:
23, for a flywheel driven toy which emits sparks.
233+, for a gyroscopic toy having a mass mounted for spinning movement within a supporting structure which is itself rotatable or tiltable.
439, for a toy vehicle having a battery holder for providing power to an electric lamp.

463 And clutch:
This subclass is indented under subclass 462. Device including a mechanical power transmission having selectively disengageable means to interrupt the power for driving the rolling or tumbling means.

(1) Note. The clutches in this subclass are generally claimed in combination with toy vehicle structure.

SEE OR SEARCH CLASS:
192, Clutches and Power-Stop Control, appropriate subclasses for clutches used in full scale power transmissions, and toy clutches which have no claimed structure which would preclude its use in a full size vehicle.

464 Flat spiral or torsion spring:
This subclass is indented under subclass 457. Device wherein the energy-storing means comprises either (1) an elastically deformable element curved into a planar spiral, or (2) an elongated elastically deformable element which is caused to store energy by rotating one end relative to the other about the longitudinal axis of the element or a helix formed thereby.

465 Wheeled vehicle:
This subclass is indented under subclass 431. Device comprising a simulation of a conveyance supported by a generally round rotatable element upon which it may be rolled along a supporting surface.

(1) Note. This subclass is the residual locus for all toy wheeled vehicle simulations which are not specifically provided for in the subclasses above. Consequently, patents have not been cross-referenced into this and indented subclass unless necessitated by a claimed feature not provided for in the preceding subclasses.

SEE OR SEARCH CLASS:
280, Land Vehicles, appropriate subclasses for toy vehicles wherein all claimed features are suitable for use in a full size device.

466 Wheels vertically movable relative to chassis:
This subclass is indented under subclass 465. Device wherein the rotatable element is mounted on the body or bottom of the simulated conveyance by means which allows relative movement between the element and body or bottom in a direction perpendicular to the supporting surface.

467 Railroad locomotive simulation:
This subclass is indented under subclass 465. Device wherein the conveyance simulated is of the type which travels on and is guided by surface track, and carries its propulsion unit.

SEE OR SEARCH THIS CLASS, SUBCLASS:
25, for a toy locomotive having smoke emitting means.
447, for a toy railway vehicle having flanged wheels.

468 Having means permitting turning of wheel for steering:
This subclass is indented under subclass 465. Device wherein the rotatable element is connected to the body of the simulated conveyance by means which permits rotation of the element about a vertical axis to turn the conveyance.

SEE OR SEARCH THIS CLASS, SUBCLASS:

460, for a steerable motor driven toy vehicle, and see the search note thereunder for related loci.

469 Having specific means for mounting axle to chassis:

This subclass is indented under subclass 465. Device including a shaft or pin on or with which the rotatable element revolves as it rolls along a surface, wherein significance is attributed to the connection between the shaft or pin and the body or bottom of the conveyance.

470 Having specific body structure:

This subclass is indented under subclass 465. Device wherein significance is attributed to the construction of the superstructure of the simulated conveyance.

SEE OR SEARCH CLASS:

296, Land Vehicles: Bodies and Tops, subclasses 1.1+ for full size vehicle bodies and toy vehicle bodies which if made full size would be operative devices; especially subclass 177 for a miniature vehicle representation upon which a child may ride.

471 Demountable:

This subclass is indented under subclass 470. Device wherein the superstructure or a section thereof is selectively removable from the remainder of the conveyance.

472 SIMULATED MEDICAL OR TOILET DEVICE:

This subclass is indented under the class definition. Device comprising an imitative representation of an article or apparatus for the maintenance or improvement of health or personal hygiene, or for grooming.

SEE OR SEARCH THIS CLASS, SUBCLASS:

296, for a doll accessory which represents a medical or toilet device.

SEE OR SEARCH CLASS:

128, Surgery, appropriate subclasses for functional medical devices usable on the human body.

132, Toilet, appropriate subclasses for a functional toilet device usable on a human body.

473 SIMULATED WEAPON OR PROTECTOR:

This subclass is indented under the class definition. Device comprising an imitative representation of an instrument of offensive or defensive combat.

SEE OR SEARCH THIS CLASS, SUBCLASS:

23, for a simulated weapon which emits sparks.

26+, for a toy protective device or weapon which is worn or carried on the body.

401, for a toy detonator in the form of a simulated weapon other than a firearm.

405+, for a simulated weapon having sounding means other than a detonator.

SEE OR SEARCH CLASS:

42, Firearms, subclasses 54+ for a detonating toy firearm such as a cap pistol.

124, Mechanical Guns and Projectors, appropriate subclasses for a mechanical projecting or throwing device in the form of a toy weapon.

474 SIMULATED CLOTHES OR FABRIC WORKING OR CLEANING:

This subclass is indented under the class definition. Device comprising an imitative representation of an apparatus for making, treating or repairing a piece of apparel or an article of cloth.

475 INCLUDING DISPENSER:

This subclass is indented under the class definition. Device including means to release, eject, or present for removal an article or quantity of material from a supply or holding location.

SEE OR SEARCH THIS CLASS, SUBCLASS:

24+, for a smoke dispensing toy.

74, and 76, for a toy which additional serves as a container for storing or holding material.

SEE OR SEARCH CLASS:

221, Article Dispensing, subclass 24 for an article dispenser shaped to simulate something.

222, Dispensing, subclass 78 for a dispenser of a particular shape which simulates something.

239, Fluid Sprinkling, Spraying, and Diffusing, subclass 211 for a sprinkling, spraying or diffusing device configured to simulate some animate or inanimate object.

476 BUILDING, TOWER, BRIDGE OR HABITATION:

This subclass is indented under the class definition. Device comprising a simulation of either (1) a roofed and walled structure built for permanent use, (2) a structure higher than any lateral dimension and intended to be high relative to its surrounding, (3) a structure carrying a pathway or roadway over a depression or obstacle, or (4) a structure which serves as a dwelling place.

SEE OR SEARCH THIS CLASS, SUBCLASS:

75, for a toy building which includes a container for storing its parts when disassembled.

76, for container shaped to simulate a building.

82+, for a toy theater.

85+, construction elements adapted to be assembled to represent a building.

423, for a toy garage.

SEE OR SEARCH CLASS:

52, Static Structures (e.g., Buildings), appropriate subclasses for structures large enough to accommodate people or equipment.

477 Including electrical feature:

This subclass is indented under subclass 476. Device having means operated by, conducting, or producing a flow of electrical energy.

SEE OR SEARCH THIS CLASS, SUBCLASS:

484, the residual locus for toys having an electrical feature, and see the search notes thereunder for other related loci.

478 Folding or collapsible:

This subclass is indented under subclass 476. Device wherein the simulation comprises either (1) structure or material which is intended to allow one portion to be bent about a line toward an adjacent portion, or (2) portions connected in a manner which allows them to fall or be drawn together to reduce the volume of the device.

SEE OR SEARCH THIS CLASS, SUBCLASS:

487+, the residual locus for folding or collapsible toys.

479 BUILDING FURNISHING OR APPLIANCE:

This subclass is indented under the class definition. Device comprising a simulation or an appurtenance for a building or home for increasing the comfort or utility therefor, or a household or office device designed for a particular use in that environment.

SEE OR SEARCH THIS CLASS, SUBCLASS:

141+, for a toy telephone.

474, for a toy sewing machine, clothes washer, iron, or other simulation of a fabric working or cleaning device.

480 Simulated fireplace:

This subclass is indented under subclass 479. Device comprising an imitative representation of a framed opening in a chimney for holding an open fire.

481 This subclass is indented under subclass 479. Simulated stove, heater, or cooking device: Device comprising an imitative representation of either an apparatus that burns fuel or uses electricity to produce heat for cooking or for heating a living area, or an apparatus for holding food while it is being cooked.

482 Chair, table, desk, cabinet or bed:

This subclass is indented under subclass 479. Device comprising an imitative representation of an article of furniture either (1) for supporting a person in a sitting position, or in a recumbent position, (2) having a leg supported horizontally disposed top surface on which a meal is eaten or on which articles may be sup-

ported, (3) having a sloping or horizontal surface for writing or reading, or (4) comprising a case or cupboard having shelves or a door.

483 SIMULATED DISPENSER OR PUMP:
This subclass is indented under the class definition. Device comprising an imitative representation of either (1) means to release, eject, or present an article or quantity of material from a supply or holding location, or (2) apparatus for compressing or imparting kinetic energy to a fluid.

SEE OR SEARCH THIS CLASS, SUBCLASS:
432, for a fire truck.
475, for a toy having an operable dispenser.

484 ELECTRIC:
This subclass is indented under the class definition. Device including means operated by, conducting, or producing a flow of electrical energy.

SEE OR SEARCH THIS CLASS, SUBCLASS:
33, for an electrically powered tethered toy fixed-wing aircraft.
37, for an electrically powered toy helicopter.
91, for a construction toy having an electrical feature.
142, for a toy telephone having an electrical feature.
164+, for a motor driven toy boat.
178, for a toy employing a motor-driven fan to supply forced air to operate the toy.
229, for a suspended toy propelled by an electric motor.
232, for a nonflying toy aircraft having a motor drive propeller.
242, for a rotating toy having an electric light or sounder.
268+, for a figure toy having an electrical feature (e.g., motor).
431+, for a toy vehicle having an electrical feature.
477, for a toy building, tower, or bridge having an electrical feature.

SEE OR SEARCH CLASS:
310, Electrical Generator or Motor Structure, subclass 44 for a miniature electric motor.

485 With lamp:
This subclass is indented under subclass 484. Device including means for transforming a flow of electrical energy into light for illumination.

SEE OR SEARCH THIS CLASS, SUBCLASS:
47, for a flying saucer provided with an electric light.
242, for a spinning or rotating toy having an electric light.
438, for a rolling or tumbling toy having a lamp.

SEE OR SEARCH CLASS:
40, Card, Picture, or Sign Exhibiting, subclasses 442+ for a display device which creates special effects by illumination.
362, Illumination, appropriate subclasses for an illuminating device, per se.

486 RESILIENT TOY OR ACTUATOR:
This subclass is indented under the class definition. Device including an elastically deformable portion which is deflected during use of the device.

SEE OR SEARCH THIS CLASS, SUBCLASS:
39, for a rotary wing toy including a resilient actuator for rotating the wing.
40, for a resiliently biased projector for a toy glider.
183, for a squeezable resilient figure toy.
365, for a figure toy having a resiliently biased body portion.
379, for a figure toy having a resilient connector for body parts.
430, for a resiliently actuated toy vehicle launcher.

487 FOLDABLE, COLLAPSIBLE, OR HAVING PIVOTED PORTION:
This subclass is indented under the class definition. Device comprising either (1) structure or material which is intended to allow one portion

of the device to be bent about a line toward an adjacent portion, (2) portions connected in a manner which allows them to fall or be drawn together to reduce the volume of the device, or (3) two parts connected by structure which permits relative swinging movement between the two parts.

SEE OR SEARCH THIS CLASS, SUBCLASS:

62, for a glider provided with a folding wing.

109, for a construction toy which includes a folding panel, strip, or connector.

236+, for a toy having a pivoted portion which is continuously revolved about an axis.

371, 375 and 376+, for pivotally connected doll parts.

478, for a collapsible toy building.

488 Sheet material folded to form object:

This subclass is indented under subclass 487. Device comprising a section which is very thin compared to its length and breadth, wherein one portion is adapted to be bent along a line toward an adjacent portion to yield a form having the two portions as adjacent panels.

SEE OR SEARCH THIS CLASS, SUBCLASS:

67, for a glider formed by folding sheet material.

80, for an object other than a toy having fold lines to convert it to a toy.

388, for a figure toy formed by folding sheet material.

SEE OR SEARCH CLASS:

273, Amusement Devices: Games, subclass 155 for a foldable puzzle.

428, Stock Material or Miscellaneous Articles, subclass 9 for a collapsible special occasion ornament; or subclasses 15+ for a three-dimensional representation of a natural object.

489 INCLUDING SLIDING OR GUIDING ELEMENT OR PORTION:

This subclass is indented under the class definition. Device comprising a first part which either (1) contacts and moves smoothly along the surface of a second part, or (2) constrains translational movement of a second part moving therealong.

SEE OR SEARCH THIS CLASS, SUBCLASS:

13, for a sliding retractable coin slot or guard on a toy money box.

127, for construction toy elements which are joined together by laterally sliding the elements.

135+, for a magnetic element and means for guiding its path over a surface over which it is caused to slide.

490 INCLUDING FLACCID ELEMENT OR PORTION:

This subclass is indented under the class definition. Device comprising a part or section of nonself-sustaining pliant material.

SEE OR SEARCH THIS CLASS, SUBCLASS:

119, for a construction toy having elements retained in assembled condition by a flaccid connector.

247+, for a spinning or whirling toy having an attached flaccid element for imparting rotation thereto.

331, and 361+, for a figure having a portion moved by an attached flaccid element.

491 MISCELLANEOUS:

This subclass is indented under the class definition. Subject matter which is not provided for under any of the preceding subclasses.

CROSS-REFERENCE ART COLLECTIONS

901 DETACHABLY ADHESIVE:

This subclass is indented under the class definition. Device comprising two portions, one of which has adhesive structure or material along a surface thereof, whereby a child may repeatedly attach and detach two portions.

END