

CLASS 601, SURGERY: KINESITHERAPY

SUBCLASSES

1 KINESITHERAPY:

This subclass is indented under the class definition. Subject matter designed to act upon the body by moving, vibrating, or massaging a portion of the body to produce a therapeutic effect and in which the movement of the patient is passive.

SEE OR SEARCH CLASS:

- 15, Brushing, Scrubbing, and General Cleaning, subclasses 105+ for combined cleaning and massage tools.
- 84, Music, subclasses 465+ for exercising devices for musical-instrument players.
- 482, Exercise Devices, for an exercise device requiring device participation of the user.
- 606, Surgery, subclass 2.5 for subject matter relating to removal of calculus wherein the calculus is fractured by use of light energy, subclasses 127+ for concretion removal means inserted into the body of a patient, and particularly subclass 128 for fragmenting means which may involve shock wave lithotripsy.

2 Ultrasonic:

This subclass is indented under subclass 1. Subject matter for coupling acoustic vibrations at a very high frequency, which are above the range audible to the human ear, into living tissue for therapeutic purposes.

SEE OR SEARCH CLASS:

- 600, Surgery, subclasses 407+ for means used in detecting magnetic, nuclear, or ultrasonic radiation and subclass 437 for ultrasonic applied to the body. See also 439 for ultrasonic devices having therapeutic means.

3 Hyperthermia:

This subclass is indented under subclass 2. Subject matter wherein the ultrasonic device generates heat which is directed to a specific portion of the body.

SEE OR SEARCH CLASS:

- 602, Surgery: Splint, Brace, or Bandage, subclasses 2+ for light, thermal, or electrical applicators.
- 606, Surgery, subclasses 27+ for heat applying instruments.

4 Contact-free comminution of concretion:

This subclass is indented under subclass 1. Subject matter utilizing an extracorporeal instrument for destroying concretions in bodies of living tissue using shock waves generated by arc discharge.

- (1) Note. Only patents directed to the application of an external force are classifiable in this subclass. For instruments which actually invade the body see the search class note which follows to Class 606.

SEE OR SEARCH CLASS:

- 606, Surgery, subclasses 127+ for instruments inserted into the body to remove concretions.

5 Means for passive movement of disabled extremity to return natural range of motion:

This subclass is indented under subclass 1. Device having means for simulating an extremity's normal range of movement for the purpose of restoration of its natural function.

- (1) Note. This subclass is limited to devices intended to restore the natural motion of extremity including digits.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 84+, for devices for placing the body in motion for a purpose other than restoration of a natural body function.

6 Vacuum:

This subclass is indented under subclass 1. Subject matter having means for temporarily creating negative pressure upon a specific portion of the living body.

- 7 With means for attaching diverse devices to vacuum:**
This subclass is indented under subclass 6. Subject matter having structure for connecting auxilliary devices to the vacuum to perform other functions in addition to vacuuming.
- (1) Note. This subclass accepts patents which perform a function in addition to the vacuum function to treat the body, such as hair combs, scalp treating means, etc.
- 8 With spring-actuating means:**
This subclass is indented under subclass 6. Subject matter wherein a piston, which produces the vacuum, is biased in either its forward or return motion.
- 9 Alternating positive and negative pressures:**
This subclass is indented under subclass 6. Subject matter in which successive positive and negative pressures are applied directly to the body of the user.
- 10 Negative pressure interrupted:**
This subclass is indented under subclass 6. Subject matter provided with means which can cause a break in the continuity of the vacuum being applied to the body.
- 11 Body member enclosing:**
This subclass is indented under subclass 6. Subject matter having means to surround and encompass a portion of the body to which pressure will be applied.
- 12 Blood circulation stimulation of the head:**
This subclass is indented under subclass 6. Subject matter wherein a vacuum or partial vacuum is created around the scalp, thereby relieving it of atmospheric pressure which allows blood to circulate more freely in the veins of the scalp.
- 13 Applied to eye:**
This subclass is indented under subclass 6. Subject matter comprising a cup applied to the organs of sight which cause a reduction in the atmospheric pressure to exercise or massage eyeballs and adjacent parts.
- SEE OR SEARCH CLASS:
606, Surgery, subclass 204.25 for external pressure applicator applied to the eye.
- 14 Applied to bust:**
This subclass is indented under subclass 6. Subject matter including a cup applied to female breasts which causes a reduction in atmospheric pressure to massage the breast.
- 15 With light, thermal, magnetic, or electrical application:**
This subclass is indented under subclass 1. Subject matter having an applicator means combined therewith for applying luminous energy or analogous rays to the body, or modifying the temperature of the body, or a magnatized field, or applying electrical current to the body.
- SEE OR SEARCH CLASS:
600, Surgery, subclasses 9+ for magnetic fields applied to the body.
602, Surgery: Splint, Brace, or Bandage, subclasses 1+ for analogous light, thermal, or electrical applicators.
606, Surgery, subclasses 1+ for light applying instruments and 27+ for heat applying instruments.
607, Surgery: Light, Thermal, and Electrical Application, subclasses 1+ for analogous devices for applying light, heat, and electricity to the body.
- 16 Thermal medium is a continuous stream of heated air:**
This subclass is indented under subclass 15. Subject matter wherein the applicator draws in air, heats the air, and discharges said heated air upon the surface of the body.
- SEE OR SEARCH CLASS:
126, Stoves and Furnaces, subclasses 515+ for fireplaces having an air pump and for heating outside air and subclass 523 for heat exchanges for heating internal room air.
- 17 Comprising means for applying fluid, medicament, cosmetic, or cream to the skin:**
This subclass is indented under subclass 15. Subject matter wherein the applicator applies a liquid, a medicine, a beauty preparation, or an

- ointment to the surface of the body being treated.
- 18 Applicator having specific movement:**
This subclass is indented under subclass 15. Subject matter wherein the light, heat, or electrical applicator means contacting the body has drive means which produces or imparts a particular motion thereto.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
84, for applicators having specific movement which are not light, heat, or electrical applicators.
- 19 Rollers applied to the body:**
This subclass is indented under subclass 18. Subject matter wherein the applicator constitutes elements having a generally circular cross section adapted to be rolled over the users body.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
115+, for rolling device structure.
- 20 Electrical application:**
This subclass is indented under subclass 19. Subject matter wherein the roller elements apply an electric current to the body.
- 21 Electrical application:**
This subclass is indented under subclass 18. Subject matter wherein the applicator applies an electrical current to the body.
- 22 Foot:**
This subclass is indented under subclass 18. Subject matter wherein the applicator is particularly adapted to treat a terminal portion of a leg.
- 23 Exercising appliance:**
This subclass is indented under subclass 1. Subject matter particularly adapted to support a body member or the whole body to perform a natural body function.
- SEE OR SEARCH CLASS:
482, Exercise Devices, for exercising devices for particular body portions.
- 24 Chair, couch, bed, or table:**
This subclass is indented under subclass 23. Subject matter including a substantially horizontal surface for supporting the body in a sitting, reclined, or prostrate position during exercise.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
49, for similar support devices.
- SEE OR SEARCH CLASS:
5, Beds, subclasses 600+ for beds specially adapted to support an invalid; subclasses 101+ for cradles and 915+ for beds having vibrating means.
297, Chairs and Seats, appropriate subclasses for internal and external support structure and frames.
- 25 Including means to rotate head about the longitudinal axis of body:**
This subclass is indented under subclass 24. Subject matter having associated means to revolve the body's head about the lengthwise axis of the body.
- 26 With drive means:**
This subclass is indented under subclass 24. Subject matter wherein energy transducing or storing means provides power to move a portion of the chair, couch, bed, or table.
- 27 Foot:**
This subclass is indented under subclass 23. Subject matter wherein the exercising device supports a terminal portion of a leg while it performs a natural motion.
- 28 Foot support having protuberances:**
This subclass is indented under subclass 27. Subject matter having a plurality of fingerlike projections disposed on the support means for supporting the foot.
- 29 Reciprocating foot support:**
This subclass is indented under subclass 27. Subject matter wherein the foot supporting plates are caused to move back and forth alternately.

- 30 Vibrant foot support:**
This subclass is indented under subclass 29. Subject matter wherein the moving foot plate is moved by rapid motion.
- 31 Oscillating foot support:**
This subclass is indented under subclass 27. Subject matter wherein the foot support plate is moved back and forth between the two alternate extreme positions.
- 32 Rotating foot support:**
This subclass is indented under subclass 27. Subject matter wherein the foot support plate revolves about an axis.
- 33 Joint or limb (e.g., wrist, arm, leg, etc.):**
This subclass is indented under subclass 23. Subject matter including means for moving a body extremity or the point of articulation between movable parts of portions of a body extremity.
- 34 Leg:**
This subclass is indented under subclass 33. Subject matter comprising means for moving a lower extremity.
- 35 Pair of legs:**
This subclass is indented under subclass 34. Subject matter provided with means for moving both lower extremities.
- 36 Bicycle:**
This subclass is indented under subclass 35. Subject matter for simulating bicycle riding.
- 37 Eye:**
This subclass is indented under subclass 23. Subject matter adapted to exercise an organ of sight.
- 38 Jaw:**
This subclass is indented under subclass 23. Subject matter which causes a human mandible to move between an open and closed position.
- 39 Neck:**
This subclass is indented under subclass 23. Subject matter for exercising that portion of the body which connects a head and trunk portions thereof.
- 40 Hand and finger:**
This subclass is indented under subclass 23. Subject matter for exercising a terminal part of an upper limb and its digits.
- 41 Artificial respiration:**
This subclass is indented under subclass 23. Subject matter having externally applied means acting upon the thorax portion of the body to induce normal breathing.
- (1) Note. Patents in this subclass include “iron lung” respirators.
- SEE OR SEARCH CLASS:
128, Surgery, subclasses 204.18+ for devices for supplying breathing gas under pressure.
- 42 Seesaw:**
This subclass is indented under subclass 41. Subject matter including a patient carrier pivoted on a support intermediate its ends to form a supporting structure whereby a patient may be rocked back and forth to stimulate or enhance normal breathing.
- 43 Produced by vacuum and compression:**
This subclass is indented under subclass 41. Subject matter comprising means which subject the outside of the body to alternate air compression and decompression.
- 44 Conforms to shape of torso portion:**
This subclass is indented under subclass 43. Subject matter wherein the artificial respiration means is shaped, or during operation takes the shape of, a trunk portion of the body or a portion thereof.
- 45 Obstetric:**
This subclass is indented under subclass 23. Subject matter wherein the exercise device is adapted to be used by a parturient woman herself in parturition.
- 46 Vibrator:**
This subclass is indented under subclass 1. Subject matter wherein the massaging means, contacting the body for a therapeutic purpose, has a nondefined or nonspecific motion relative to the body to which it is contacting.

- 47 Audio:**
This subclass is indented under subclass 46. Subject matter which imparts treatment by the application of sound vibrational waves to the user.
- 48 Pulse generator:**
This subclass is indented under subclass 46. Subject matter which imparts treatment by use of generated rhythmic or random beats applied to the user.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
84, for devices which apply treatment to the body using a specific defined motion on the body and subclasses 2+ for ultrasonic sound applied to the body.
- SEE OR SEARCH CLASS:
600, Surgery, subclass 552 for diagnostic apparatus which senses the response of the body to applied vibration.
310, Electrical Generator or Motor Structure, subclasses 15+ for vibrating motor structure.
318, Electricity: Motive Power Systems, subclass 114 and 119+ for electric motor systems used in vibration causing devices.
- 49 Couch, chair, or body support:**
This subclass is indented under subclass 46. Subject matter comprising a surface for supporting the body in a sitting, reclining, or prostrate position during massaging.
- SEE OR SEARCH CLASS:
5, Beds, subclasses 600+ for beds specially adapted to support an invalid; subclasses 101+ for cradles and 915+ for beds having vibrating means.
297, Chairs and Seats, appropriate subclasses for internal and external support structure and frames.
- 50 Gyrotory motion:**
This subclass is indented under subclass 49. Subject matter wherein the body support undergoes a circular or spiral motion which causes a nondefined or nonspecific movement to be applied to the body contacting surface.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
85, for applicators having a nonvibrating body contacting surface.
- 51 Reciprocatory motion:**
This subclass is indented under subclass 49. Subject matter wherein the support undergoes an alternating back-and-forth motion which causes a nondefined or nonspecific movement to be applied to the body contacting surface.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
98, for devices having specific motion without a vibrating surface.
- 52 Roller:**
This subclass is indented under subclass 51. Subject matter including means having a substantially circular cross section which reciprocates relative to the user.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
118, for therapeutic devices having rollers.
- SEE OR SEARCH CLASS:
5, Beds, subclasses 933+ for massaging beds.
- 53 Oscillatory motion:**
Subject matter under 49 wherein the support undergoes a swinging back-and-forth with a steady uninterrupted motion which causes a nondefined or nonspecific movement to be applied to the body.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
90, for applicators having a specific oscillatory motion without a vibrating body contacting surface.
- 54 Specific component:**
This subclass is indented under subclass 53. Subject matter wherein a particular part of the couch, chair, or body support is oscillated.

- 55 Fluid:**
This subclass is indented under subclass 49. Subject matter wherein the couch, chair, or body support contains a liquid which is placed in motion by a vibrator means.
- SEE OR SEARCH CLASS:
137, Fluid Handling, appropriate subclasses for valves and flow regulating means which emit fluids.
251, Valves and Valve Actuation, for valves, per se.
- 56 Vibrant cushion:**
This subclass is indented under subclass 49. Subject matter wherein a pad or pillow used to support a person is caused to vibrate.
- 57 Having vibrator contained therein:**
This subclass is indented under subclass 56. Subject matter in which the pad or pillow encloses the vibratory system.
- 58 Drive means directly attached or extending into cushion:**
This subclass is indented under subclass 56. Subject matter in which the means which causes the vibratory motion is connected to a pillow or pad and extends into the said pillow or pad.
- (1) Note. The patents in this subclass disclose vibrating rods extending into or through the cushion.
- 59 Vibrator support for cushion structure (e.g., spring):**
This subclass is indented under subclass 56. Subject matter wherein the vibrating means is attached to at least one element of the support structure of the pillow or pad.
- 60 Unbalanced weight having drive means:**
This subclass is indented under subclass 59. Subject matter in which the vibration is caused by a mass which is placed eccentrically on a driven rotating shaft.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
67, for vibrators driven by unbalanced weights having specific drive means.
- 61 Movable membrane:**
This subclass is indented under subclass 49. Subject matter provided with a pellicle which contacts the body and vibrates.
- 62 Spring activated:**
This subclass is indented under subclass 61. Subject matter wherein resiliently flexible members are utilized to impart vibratory motion or to increase the effects of the vibrating motion to the membrane.
- 63 Roller applied to the body:**
This subclass is indented under subclass 61. Subject matter wherein its vibration is produced by a cylindrical element acting upon the body.
- 64 With heating means:**
This subclass is indented under subclass 61. Subject matter wherein the pellicle is heated.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
15, for devices for light, thermal, or electrical applicators.
- SEE OR SEARCH CLASS:
600, Surgery, subclasses 386+ for diagnostic devices utilizing infrared radiation.
607, Surgery: Light, Thermal, and Electrical Application, subclass 96 for thermal applicators applied to the body.
- 65 Unbalanced weight having drive means:**
This subclass is indented under subclass 61. Subject matter in which the vibration is caused by a mass which is placed eccentrically on a driven rotating shaft.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
67, for vibrators driven by unbalanced weights having specific drive means.
- 66 Support with vibrant armature:**
This subclass is indented under subclass 49. Subject matter comprising a table, foot rest, or other support wherein vibration of the support is caused by an electromagnetic coil acting upon metallic wire wrapped about a metallic core.

- SEE OR SEARCH THIS CLASS, SUB-CLASS:
78, for vibrators having vibrant armatures.
- SEE OR SEARCH CLASS:
335, Electricity: Magnetically Operated Switches, Magnets, and Electromagnets, subclasses 80+ for armature structure and subclasses 87+ for vibrating elements.
- 67 Unbalanced weight:**
This subclass is indented under subclass 46. Subject matter in which the vibration is caused by a weight which is placed eccentrically on a rotating shaft.
- (1) Note. These subclasses are for vibrators having unbalanced weights which do not answer to the other structural limitations of this class. Search subclasses which have specifics of the device before searching here for the motor structure.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
60, for an unbalanced weight driven by a drive means associated with a moving membrane.
- SEE OR SEARCH CLASS:
310, Electrical Generator or Motor Structure, subclass 81 for rotary electric motors which have an unbalanced weight to generate vibrations.
- 68 Manually operated:**
This subclass is indented under subclass 67. Subject matter wherein the unbalanced weight is operated by hand.
- 69 With drive means:**
This subclass is indented under subclass 67. Subject matter wherein the unbalanced weight is operated by a means which imparts motion thereto.
- 70 Electric drive:**
This subclass is indented under subclass 69. Subject matter wherein the motion imparting means is driven by an electrical actuation means.
- SEE OR SEARCH CLASS:
310, Electric Generator or Motor Structure, subclasses 81+ for rotary electric motors having an unbalanced weight for producing the vibrations.
- 71 Belt retained on body trunk:**
This subclass is indented under subclass 70. Subject matter in which the massager and its drive are mounted upon a strap member for wear by the user's body, excluding the head and limbs.
- SEE OR SEARCH CLASS:
2, Apparel, subclasses 311+ and 338+ for specific belt structure.
- 72 Hand supported:**
This subclass is indented under subclass 70. Subject matter wherein the vibrator and its drive means are supported manually.
- 73 Transverse handle:**
This subclass is indented under subclass 72. Subject matter provided with a gripping means which is oriented crosswise to the vibrating head.
- 74 Belt retained on hand:**
This subclass is indented under subclass 72. Subject matter in which the massager is secured to the hand or carried on the hand by a strap member.
- SEE OR SEARCH CLASS:
2, Apparel, subclasses 311+ and 338+ for specific belt structure.
- 75 Fluid drive means:**
This subclass is indented under subclass 69. Subject matter in which the unbalanced weight is driven by a liquid-actuated drive means.
- SEE OR SEARCH CLASS:
415, Rotary Kinetic Fluid Motors or Pumps, particular subclasses for features of fluid motors.
- 76 Fluid pressure causes aural vibration:**
This subclass is indented under subclass 46. Subject matter wherein the hearing canals are vibrated through the use of liquid under pressure.

- SEE OR SEARCH CLASS:
600, Surgery, subclass 559 for diagnostic devices for the testing of the ear or testing by auditory stimulation.
- 77 Diaphragm actuated:**
This subclass is indented under subclass 76. Subject matter wherein the fluid pressure is applied by the fluctuation of a membrane.
- 78 Vibrant armature (e.g., electromagnetic):**
This subclass is indented under subclass 46. Subject matter in which the vibration is caused by an electromagnetic coil acting upon metallic wire wrapped about a metallic core to impart motion thereto.
- SEE OR SEARCH CLASS:
335, Electricity: Magnetically Operated Switches, Magnets, and Electromagnets, subclasses 80+ for armature structure and subclasses 87+ for vibrating elements.
- 79 Secured to user's body:**
This subclass is indented under subclass 78. Subject matter in which the vibrator is held upon the body by a belt or other securing arrangements.
- 80 Handheld:**
This subclass is indented under subclass 78. Subject matter wherein the vibrating means is supported manually.
- 81 Extended or attached body-contacting member:**
This subclass is indented under subclass 80. Subject matter wherein the vibrating element is provided with a body-contacting member which is attached thereto and extends in the direction of the user away from the body of the device.
- 82 Reciprocating weight:**
This subclass is indented under subclass 46. Subject matter in which vibration is caused by alternating back-and-forth movement of a mass.
- 83 Vibrant slide:**
This subclass is indented under subclass 46. Subject matter in which vibration is caused by the relative motion between two elements of the device which imparts a vibration to the body-contacting surface.
- (1) Note. Devices in this subclass include a weighted sleeve moving relative a fixed rodlike support or elements moving relative to one another about an axis which causes the vibration.
- 84 Device with applicator having specific movement:**
This subclass is indented under subclass 1. Subject matter wherein means contacting the body has a drive mechanism which produces or imparts a particular motion to the body-contacting means.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
18, for applicators having light, heat, or electrical applications.
- 85 Gyrotory:**
This subclass is indented under subclass 84. Subject matter wherein the applicator has a circular or spiral motion.
- 86 Couch, chair, or other body support:**
This subclass is indented under subclass 85. Subject matter wherein the gyrotory motion is imparted to a support for sitting, reclining, or otherwise supporting the user.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
49+, for couches, chairs, or other therapeutic support having a defined motion.
- SEE OR SEARCH CLASS:
5, Beds, subclasses 610+ for a bed having means to support the user and means to impart movement to the support.
- 87 Electric drive means:**
This subclass is indented under subclass 85. Subject matter wherein the gyrating means is operated by an electric power source.

- 88 Fluid drive means:**
This subclass is indented under subclass 85. Subject matter wherein the gyrator means is operated by a motor driven by a liquid-actuated drive means.
- 89 Oscillatory:**
This subclass is indented under subclass 84. Subject matter in which the applicator moves back and forth in an arcuate path with a steady uninterrupted rhythm.
- 90 Couch, chair, or other body support:**
This subclass is indented under subclass 89. Subject matter in which the body contacting support for a sitting, reclining, or other functional support surface, as a whole, undergoes an oscillatory motion.
- 91 Seat:**
This subclass is indented under subclass 90. Subject matter wherein a chairlike body support surface is divided into separate sections and these sections, after being positioned, undergo an oscillatory motion as a whole.
- 92 Specific component:**
Subject matter under 90 wherein the support has numerous section, some of which undergo an oscillatory movement relative to the user and the remaining support sections.
- 93 Electric drive means:**
This subclass is indented under subclass 89. Subject matter in which the oscillating applicator is operated by a motor activated by electricity.
- 94 Including a plurality of massaging balls, rollers, or wheels:**
This subclass is indented under subclass 93. Subject matter in which the driven applicator includes a plurality of massaging means in the form of spherical, cylindrical, or circular elements.
- 95 Including a plurality of massaging teeth, projections, or filaments:**
This subclass is indented under subclass 93. Subject matter in which the driven applicator includes a plurality of massaging fingerlike projections or threadlike elements.
- 96 Fluid drive means:**
This subclass is indented under subclass 89. Subject matter wherein the oscillating means is driven by a liquid-actuated drive means.
- 97 Reciprocating:**
This subclass is indented under subclass 84. Subject matter wherein the applicator is moved by alternating back-and-forth motion.
- 98 Couch, chair, or other body support:**
This subclass is indented under subclass 97. Subject matter wherein the relative motion is applied to a seat, reclining surface, or other body supporting means to reciprocate said support in either a vertical or horizontal plane.
- (1) Note. Patents in this subclass disclose an intervening surface which have a reciprocating motion relative to a users body. See search note to subclass 116 below.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
49+, for couches, chairs, or other therapeutic supports which have a defined path of motion.
116, for patents directed having rollers which reciprocate and contact the body without an intervening surface.
- SEE OR SEARCH CLASS:
5, Beds, subclasses 610+ for beds having means to support the user and means for imparting movement to the support.
- 99 Roller contacting Intermediate surface:**
This subclass is indented under subclass 98. Subject matter wherein a cylindrical element is reciprocated to impart a reciprocating motion to an intervening surface supporting the body.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
116, for therapeutic devices having rollers.
- 100 Vertically reciprocating platform:**
This subclass is indented under subclass 98. Subject matter wherein a planar surface reciprocates at a right angle to a horizontal plane.

- 101 Electric drive means:**
This subclass is indented under subclass 97. Subject matter wherein the reciprocation motion is accomplished by electrically motion imparting means.
- 102 Roller:**
This subclass is indented under subclass 101. Subject matter in which the electrically driven applicator is in the form of a cylindrical element which is applied directly or indirectly to the body of the user.
- (1) Note. Patents in subclass are roller elements which are reciprocated by a power source.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
118, for roller elements which are manually reciprocated over the body of the user.
- 103 Multiple applicators:**
This subclass is indented under subclass 101. Subject matter provided with plural applicators.
- 104 Foot:**
This subclass is indented under subclass 101. Subject matter in which the massaging action of the applicator is applied to the terminal portion of the leg.
- 105 Fluid drive means:**
This subclass is indented under subclass 97. Subject matter wherein the applicator is reciprocated by a liquid motor.
- 106 To restore heart beat:**
This subclass is indented under subclass 105. Subject matter in which the motion of the applicator initiates restoration of heart pulsation.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
153, for massaging devices which are internal of the body cavity and encases the heart or a portion of the heart for massaging the heart.
- 107 Percussing:**
This subclass is indented under subclass 84. Subject matter in which the applicator impacts upon or beats the body either directly or through a pleximeterlike member.
- 108 Having drive means:**
This subclass is indented under subclass 107. Subject matter wherein the body impacting or beating means is operated by power driven actuation means.
- 109 Brush:**
This subclass is indented under subclass 108. Subject matter wherein the applicator consists of bristles fastened to a base or support.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
114, for a rotary device having brush structure
- SEE OR SEARCH CLASS:
15, Brushing, Scrubbing, and General Cleaning, subclasses 21.1+ for machine-operated brushing devices and subclasses 159.1+ for brushes.
- 110 Ball:**
This subclass is indented under subclass 108. Subject matter in which the applicator is a uniformly spherical element.
- 111 Multiple applicators:**
This subclass is indented under subclass 108. Subject matter comprising plural applicators.
- 112 Rotary:**
This subclass is indented under subclass 84. Subject matter in which the applicator rotates about a fixed axis relative to the body portion to which it is applied.
- (1) Note. Patents in this subclass disclose an applicator for the body surface rotating in a plane perpendicular to the axis of its rotation.
- 113 Ball:**
This subclass is indented under subclass 112. Subject matter in which the applicator is a spherical element.

- 114 Brush:**
This subclass is indented under subclass 112. Subject matter in which the applicator consists of bristles fastened to a base or support.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
109, for percussing massages having brush structure.
- SEE OR SEARCH CLASS:
15, Brushing, Scrubbing, and General Cleaning, subclass 159.1 for brushes.
- 115 Rolling utilizing couch, chair, or other support:**
This subclass is indented under subclass 84. Subject matter wherein a massage is accomplished through use of rollers carried upon a seat, reclining surface, or other body support.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
99, for devices wherein rolling motions are imparted to an intermediate member which contacts the body.
- SEE OR SEARCH CLASS:
5, Beds, subclasses 933+ for beds having massaging means.
- 116 Reciprocating:**
This subclass is indented under subclass 115. Subject matter wherein the rolling members have a linear motion to-and-fro while maintaining contact with the users body.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
102, for other devices of the class which reciprocate and include a roller.
- 117 Including bodies disposed above user:**
This subclass is indented under subclass 115. Subject matter wherein the rolling members are disposed at a position superior in relation to the user.
- 118 Rolling with body or bodies disposed on single axis:**
This subclass is indented under subclass 84. Subject matter wherein the massage is accomplished through use of a device having one or
- more elements adapted to roll about a unitary axis.
- 119 Rolling with elongated handle means carrying tubular or disklike bodies:**
This subclass is indented under subclass 118. Subject matter wherein a massage is accomplished through use of a device provided with a lengthened manually held gripping means carrying hollow cylinders or thin flat circular plates.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
123, for an elongated handle carrying tubes or disks on plural axes.
- 120 With handle at ends of axis (e.g., rolling pin type):**
This subclass is indented under subclass 118. Subject matter in which the handle is disposed at the opposite ends of a single axle upon which the roller or disklike elements are carried.
- 121 Consisting solely of a tubular body:**
This subclass is indented under subclass 118. Subject matter in which the whole massaging device consists solely of a hollow elongated cylinder.
- 122 Rolling with tubular or disklike bodies disposed on multiple axes:**
This subclass is indented under subclass 84. Subject matter wherein a rolling-type massage is accomplished through use of a device provided with cylindrical or disklike bodies disposed upon plural axes.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
119, for tubular or disklike elements moved by a handle thereon.
- 123 With elongated handle means:**
This subclass is indented under subclass 122. Subject matter wherein the tubular or disklike bodies are mounted upon a lengthened hand-held gripping means.
- 124 Belt-supported elements:**
Subject matter under 122 wherein the tubular or disklike bodies are carried on a flexible continuous band.

- simultaneously applying a rolling massage.
- 125 Hand manipulated:**
This subclass is indented under subclass 122. Subject matter wherein the tubular or disklike elements are manually held and maneuvered relative to the user.
- 126 With drive means:**
This subclass is indented under subclass 122. Subject matter wherein the roller or disklike elements are power driven.
- 127 Including bodies mounted on rotated cylindrical structure:**
This subclass is indented under subclass 126. Subject matter wherein the driven tubular and disklike elements are carried on an individual axis mounted in a frame, which frame is disposed upon an axis which rotates thereby causing rotary movement of each independent element on its axis.
- 128 Rolling with spherical bodies disposed on multiple axes:**
This subclass is indented under subclass 84. Subject matter wherein circular elements are disposed upon a plurality of elongated support means.
- 129 Rolling with elongated handle carrying spherical bodies:**
This subclass is indented under subclass 84. Subject matter wherein a massage is accomplished through use of a device provided with a lengthened manually held gripping means upon which ball-like bodies are carried.
- 130 With drive means:**
This subclass is indented under subclass 129. Subject matter wherein the spherical bodies are driven by a power source.
- 131 Rolling comprising freely rotating spherical bodies:**
This subclass is indented under subclass 84. Subject matter wherein a rolling type massage is accomplished by means consisting of ball-like bodies which are unrestrained by an axis passing through their bodies.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
154, and 155, for free spherical bodies which apply lotion to the body while
- 132 Belt support carrying spherical bodies:**
This subclass is indented under subclass 84. Subject matter wherein the spherical bodies are carried by a straplike element.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
143, 144, and 145, for other massagers having belts.
- 133 Pinching:**
This subclass is indented under subclass 84. Subject matter having means to contact body tissue at two bipolar transverse positions such that tissue between the two contact points is squeezed.
- 134 Kneading or deep pressure:**
This subclass is indented under subclass 84. Subject matter which presses into and works the body and compresses that portion upon which it acts.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
107, for percussing devices which contact the body with slight pressure
- SEE OR SEARCH CLASS:
606, Surgery, subclasses 201+ for external pressure applicator devices.
- 135 With hand-manipulating means:**
This subclass is indented under subclass 134. Subject matter wherein the kneading is accomplished by manually held means.
- (1) Note. Patents directed to devices for massaging the prostate gland are classifiable in this subclass.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
107, for percussing devices which contact the body with slight pressure.
- 136 Frictioning:**
This subclass is indented under subclass 84. Subject matter wherein the body-contacting means rubs the body or acts upon the body by surface resistance to relative motion.

- SEE OR SEARCH CLASS:
15, Brushing, Scrubbing, and General Cleaning, subclass 110 for combined brushing and massaging tools.
- 137 Hand manipulated:**
This subclass is indented under subclass 136. Subject matter which has structural means for being manually maneuvered about a user.
- 138 Frictioning surface configured as padlike member:**
This subclass is indented under subclass 137. Subject matter in which the frictioning surface in contact with user's body is substantially planar or adapted to fit the shape of the user's body.
- 139 Gum massager:**
This subclass is indented under subclass 136. Subject matter wherein the frictioning means contacts fleshy portions of a jaw which fleshy portions supports teeth which are cleaned or massaged by the frictioning means.
- SEE OR SEARCH CLASS:
433, Dentistry, subclasses 141+ for dental tools carried and actuated manually.
- 140 With dual arms hinged at base:**
This subclass is indented under subclass 139. Subject matter in which two extensions are jointed by means which are attached at a base and massage elements are located at the free ends of the extensions for impinging on both sides of the gums simultaneously.
- 141 With elongate handle means (e.g., toothbrush):**
This subclass is indented under subclass 139. Subject matter having an extended gripping means supporting the gum massaging element.
- SEE OR SEARCH CLASS:
15, Brushing, Scrubbing, and General Cleaning, subclass 167.1 for tooth or nail brushes.
132, Toilet, subclass 308 for toilet kit which includes a toothbrush.
- 142 With drive means:**
This subclass is indented under subclass 141. Subject matter wherein the gum massaging means is moved by a power source.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
81, for motor-operated, elongate, hand-held vibratory devices.
- SEE OR SEARCH CLASS:
433, Dentistry, subclass 114 and 131 for dental tools having a motor drive.
- 143 Belt supported:**
This subclass is indented under subclass 136. Subject matter in which frictioning elements are mounted on a flexible member which aligns the frictioning members while permitting them to adapt to the bodies configuration.
- SEE OR SEARCH THIS CLASS, SUBCLASS:
132, for belt devices carrying rollers
- 144 With drive means:**
This subclass is indented under subclass 143. Subject matter in which the belt is vibrated or reciprocated by a power source.
- 145 With means for mounting upon floor:**
This subclass is indented under subclass 144. Subject matter wherein the drive means is mounted upon a planar support surface upon which one stands.
- 146 Couch, chair, or other support:**
This subclass is indented under subclass 143. Subject matter wherein the belt is attached to a seat, reclining surface, or other support means for the users body.
- 147 Multiple belts:**
This subclass is indented under subclass 143. Subject matter which utilizes plural supporting belts.
- 148 Flexible membrane caused to move by fluid pressure:**
This subclass is indented under subclass 84. Subject matter provided with a thin, pliable sheet which is caused to move by means of

- fluid pressure differentials on either side of the sheet.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
11, for body member enclosing devices utilizing a vacuum source.
- 149 For applying pulsating or sequential pressure:**
This subclass is indented under subclass 148. Subject matter including body portion engaging means for applying a selected force thereto and releasing the force therefrom.
- 150 Control means for causing pulsation:**
This subclass is indented under subclass 148. Subject matter wherein the flexible membrane is provided with valve means regulated in a specific manner to distribute fluid flow to the membrane in a selected manner.
- SEE OR SEARCH CLASS:
137, Fluid Handling, particular subclasses for valve structures.
- 151 Body member enclosing or encircling:**
This subclass is indented under subclass 148. Subject matter that surrounds or encases a user's body part.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
11, for body enclosing apparatus utilizing vacuum means.
- SEE OR SEARCH CLASS:
128, Surgery, digest 20 for inflatable base.
602, Surgery: Splint, Brace, or Bandage, subclass 13 for inflatable splints.
- 152 Pulsating pressure or sequentially inflatable:**
This subclass is indented under subclass 151. Subject matter in which a membrane or a series of membranes are pressurized upon a body component or along the longitudinal axis of a limb to cause different blood circulation patterns by intermittent or variable pressure upon the membrane.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
11, for body member enclosing devices utilizing a vacuum source.
- 153 Means for enclosing internal body organ (e.g., heart):**
This subclass is indented under subclass 152. Subject matter wherein the means for enclosing a body organ comprises a cup-shaped article or receptacle adapted to encase a body organ.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
106, for noninvasive means to restore heart beat.
- 154 Lavative:**
This subclass is indented under subclass 84. Subject matter which applies a fluid to the body or a part thereof.
- SEE OR SEARCH THIS CLASS, SUB-CLASS:
160, for devices which actively and motively dispense fluids toward a body.
- SEE OR SEARCH CLASS:
118, Coating Apparatus, subclasses 200+ for a toothbrush having dentifrice supplying means.
132, Toilet, subclasses 11+ for combs which massage the scalp and apply medicaments to the scalp.
401, Coating Implements With Material Supply, subclasses 268+ for brush devices having means for coating an object it contacts.
604, Surgery, subclasses 19+ for devices which apply a medicating fluid to the body and subclasses 77+ for intraoral medicators.
- 155 With means for connection to outside source:**
This subclass is indented under subclass 154. Subject matter provided with means for joining to an external fluid supplying source.

156 Couch, chair, or bath with air spray means:
This subclass is indented under subclass 155. Subject matter comprising a reclining, sitting, bathing, or other support wherein the flowing liquid travels through air and impinges on the body of the user.

SEE OR SEARCH CLASS:

4, Baths, Closets, Sinks, and Spittoons, subclasses 596+ for shower devices for a nontherapeutic purpose or non-treatment of the body.

157 Couch, chair, or bath with means to create a whirlpool:
This subclass is indented under subclass 155. Subject matter comprising a reclining, sitting, bathing, or other support wherein the user is immersed in a liquid and flowing liquid is dispensed into the existing liquid in order to cause a whirling current to produce a massaging effect upon the body.

SEE OR SEARCH CLASS:

4, Baths, Closets, Sinks, and Spittoons, subclasses 541.1+ for hydromassage devices which the body of the user.

158 Couch, chair, bath, or other support:
This subclass is indented under subclass 154. Subject matter wherein the water device is attached to a body reclining, sitting, or bathing support means.

SEE OR SEARCH CLASS:

4, Baths, Closets, Sinks, and Spittoons, subclasses 596+ for water showering devices which are applied to the body for nontherapeutic body treating purposes.

159 With control of fluid dispensation (e.g., shampoo device):
This subclass is indented under subclass 154. Subject matter with means to regulate flow of the fluid upon the user.

SEE OR SEARCH CLASS:

4, Baths, Closets, Sinks, and Spittoons, subclasses 515+ for hair washing and shampooing devices.

401, Coating Implements With Material Supply, pertinent subclasses for fluids dispensed from an applicator which is contained therein.

160 Fluid current propelled onto user:
This subclass is indented under subclass 154. Subject matter wherein a flowing fluid is dispensed through the air by an outlet orifice upon the body of the user.

(1) Note. This subclass includes devices that actively and motively release fluid toward a body. It is not intended to accept patent documents where a fluid is merely deposited upon a user's body (a cosmetic or cream applicator). Devices such as these are found in subclasses 154+.

161 Gun type:
This subclass is indented under subclass 160. Subject matter wherein the fluid dispenser is shaped like a pistol.

SEE OR SEARCH CLASS:

604, Surgery, subclasses 19+ for devices used to introduce medicating fluid into a body.

162 Dental (e.g., Waterpick®):
This subclass is indented under subclass 160. Subject matter wherein the fluid current is applied to the teeth.

(1) Note. Patent documents in this subclass are used by an individual to apply fluid to their own teeth and gums and are not the type of device used by a dentist. See search class note below.

SEE OR SEARCH CLASS:

433, Dentistry, subclass 80 for devices having intraoral dispensing means.
604, Surgery, subclasses 77+ for intraoral medicators.

163 With multiple jets:
This subclass is indented under subclass 162. Subject matter having plural fluid current outleting onto the teeth of the user.

164 With arcuate band to conform to teeth (e.g., mouthguard):

This subclass is indented under subclass 163. Subject matter in which the fluid outlet is shaped to surround the contour of the teeth of the user.

SEE OR SEARCH CLASS:

128, Surgery, subclass 859 for specific shape of nonlavative oral cavity protecting device.

165 With means for connection to fluid source:

This subclass is indented under subclass 162. Subject matter provided with means for attachment to a faucet, bathtub outlet, nozzle, or other external fluid source.

166 Enclosing part of body:

This subclass is indented under subclass 160. Subject matter for surrounding or encircling a portion of the user's body.

167 Portable or detachable device to create whirlpool in bath:

This subclass is indented under subclass 160. Subject matter wherein the bath is adapted to receive a portative device which causes a whirlpool action to massage the body.

168 Mat or ring-type aerator:

This subclass is indented under subclass 167. Subject matter comprising a pad or a circular shaped device which is placed in a bath to cause the liquid to be agitated by air to massage the body.

169 Nozzle head:

This subclass is indented under subclass 154. Subject matter wherein significance is attributed to the structure of a water outlet.

SEE OR SEARCH CLASS:

4, Baths, Closets, Sinks, and Spittoons, subclasses 596+ for shower heads.
239, Fluid Sprinkling, Spraying, and Diffusing, subclasses 99+ for interruption spray valves and subclasses 548+ for shower heads.

END