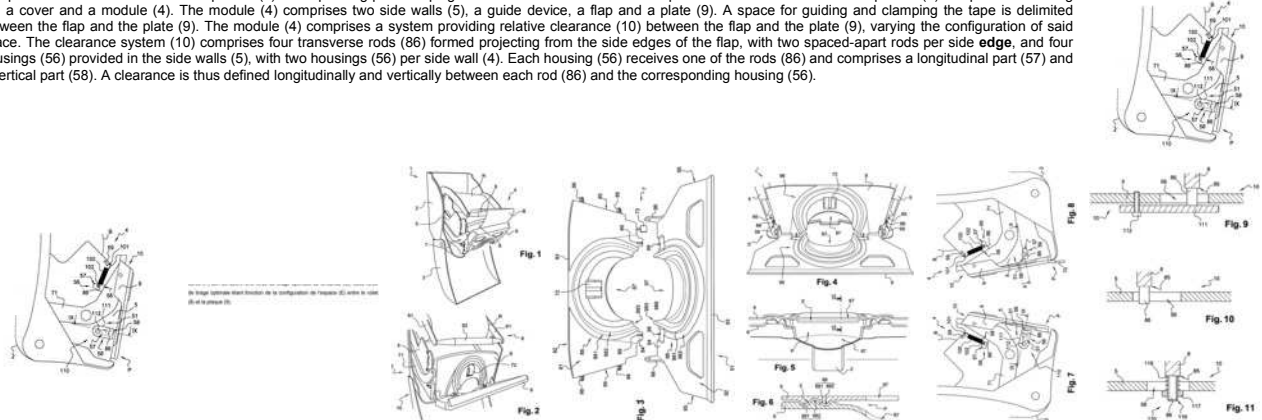


84 filtered results for 1 AND 6 - Collection: FAMPAT

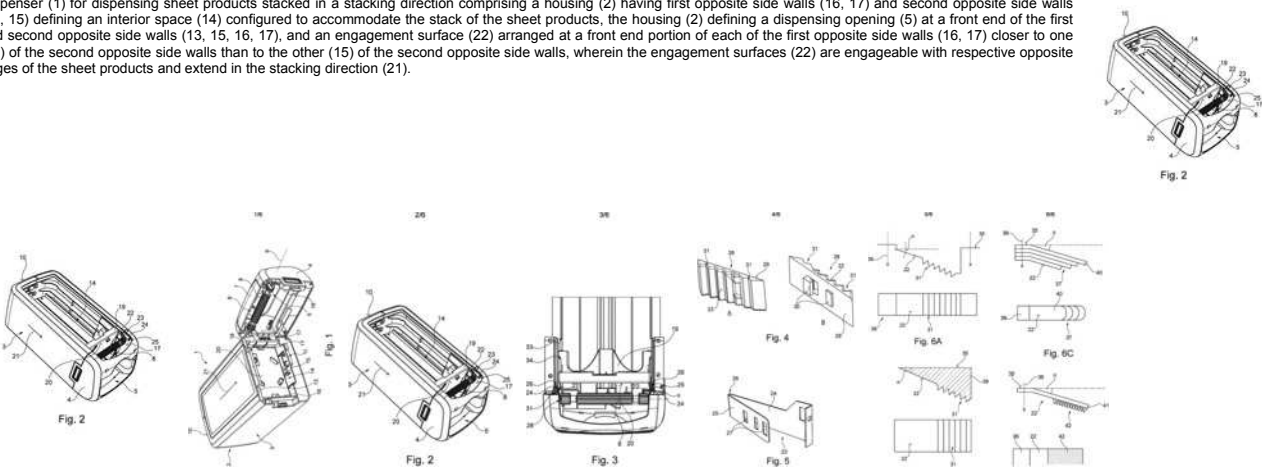
#	Title	Publication number	1st app. date	Applicant/Assignee	1st publ. date	Publ. date
1.	Precut wiping material dispenser, method for implementing and method for adjusting such a dispenser	WO2017187041	2016-04-27	MAURICE GRANGE*	2017-11-02	2017-11-02

The present invention concerns a dispenser (1) for dispensing precut wiping material in the form of a reel of tape that can be unwound. The dispenser (1) comprises a housing (2), a cover and a module (4). The module (4) comprises two side walls (5), a guide device, a flap and a plate (9). A space for guiding and clamping the tape is delimited between the flap and the plate (9). The module (4) comprises a system providing relative clearance (10) between the flap and the plate (9), varying the configuration of said space. The clearance system (10) comprises four transverse rods (86) formed projecting from the side edges of the flap, with two spaced-apart rods per side edge, and four housings (56) provided in the side walls (5), with two housings (56) per side wall (4). Each housing (56) receives one of the rods (86) and comprises a longitudinal part (57) and a vertical part (58). A clearance is thus defined longitudinally and vertically between each rod (86) and the corresponding housing (56).



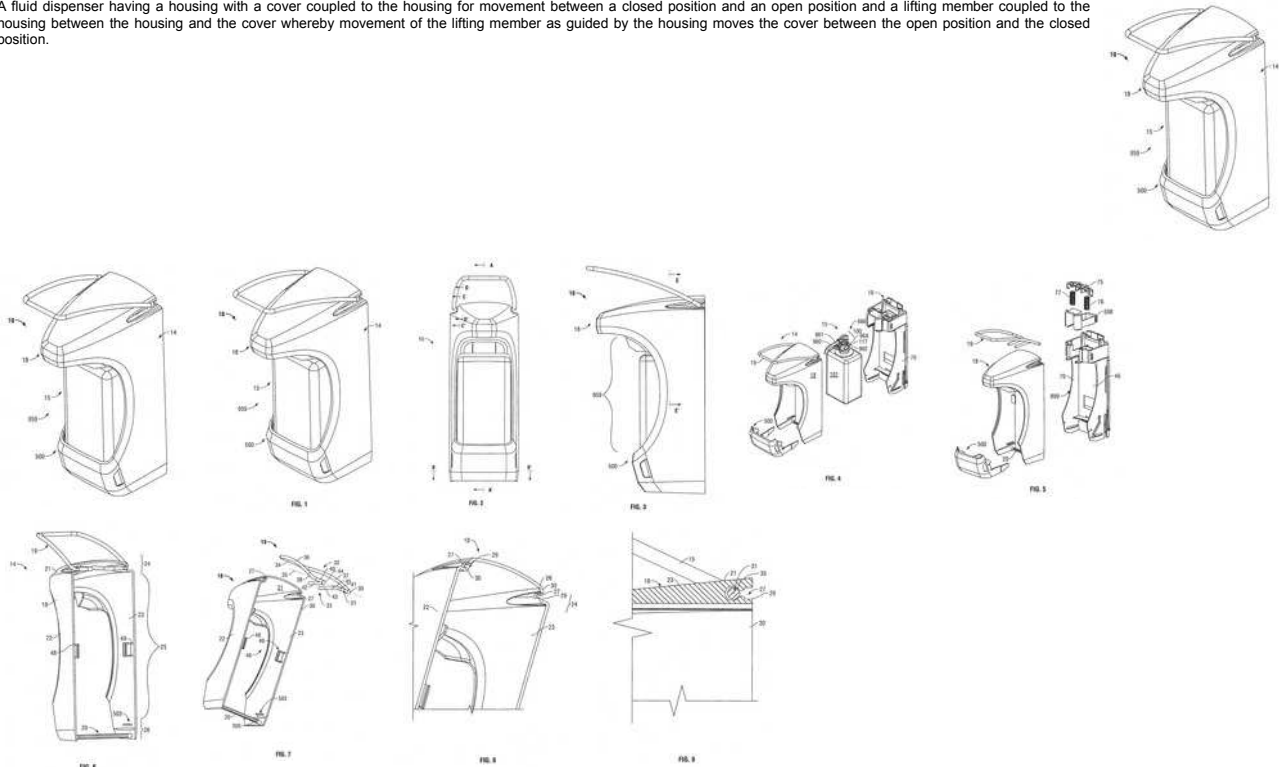
2.	Dispenser for dispensing sheet products	WO2018192636	2017-04-18	ESSITY HYGIENE & HEALTH*	2018-10-25	2018-10-25
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Dispenser (1) for dispensing sheet products stacked in a stacking direction comprising a housing (2) having first opposite side walls (16, 17) and second opposite side walls (13, 15) defining an interior space (14) configured to accommodate the stack of the sheet products, the housing (2) defining a dispensing opening (5) at a front end of the first and second opposite side walls (13, 15, 16, 17), and an engagement surface (22) arranged at a front end portion of each of the first opposite side walls (16, 17) closer to one (13) of the second opposite side walls than to the other (15) of the second opposite side walls, wherein the engagement surfaces (22) are engageable with respective opposite edges of the sheet products and extend in the stacking direction (21).



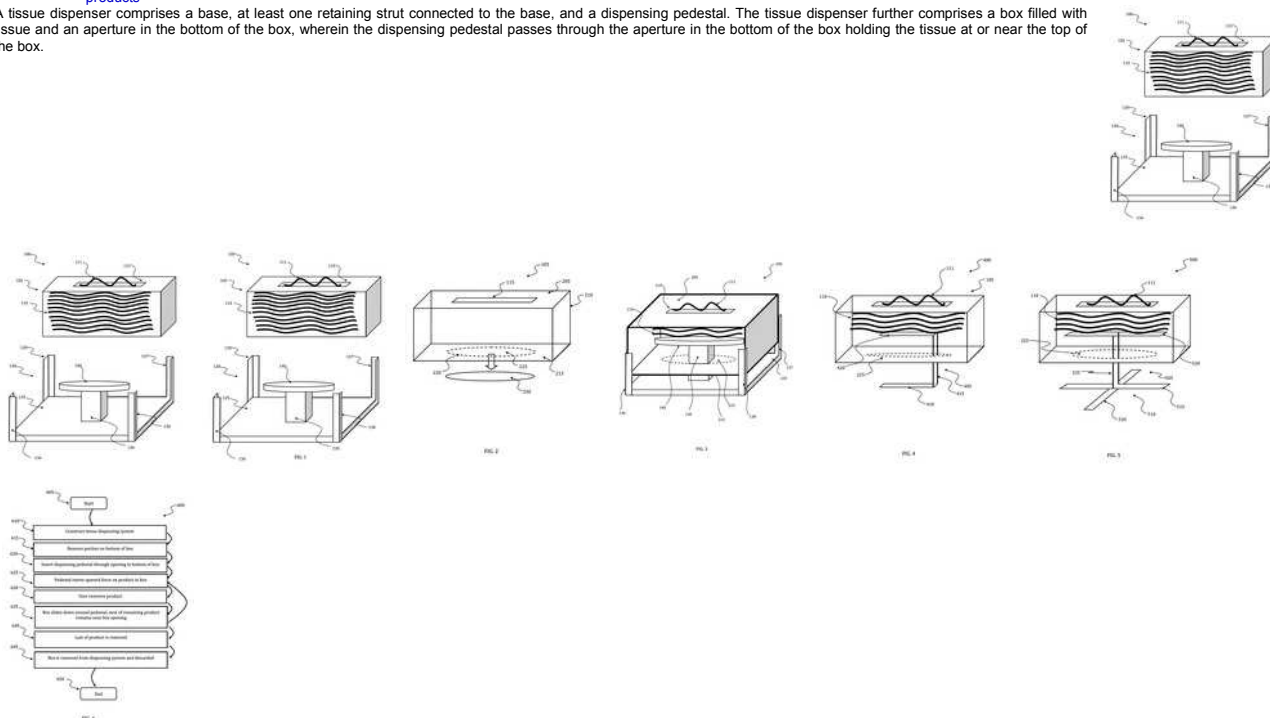
3.	Cover lift mechanism for fluid dispenser	CA2985313	2017-11-09	OP HYGIENE IP*	2018-05-11	2018-05-11
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A fluid dispenser having a housing with a cover coupled to the housing for movement between a closed position and an open position and a lifting member coupled to the housing between the housing and the cover whereby movement of the lifting member as guided by the housing moves the cover between the open position and the closed position.



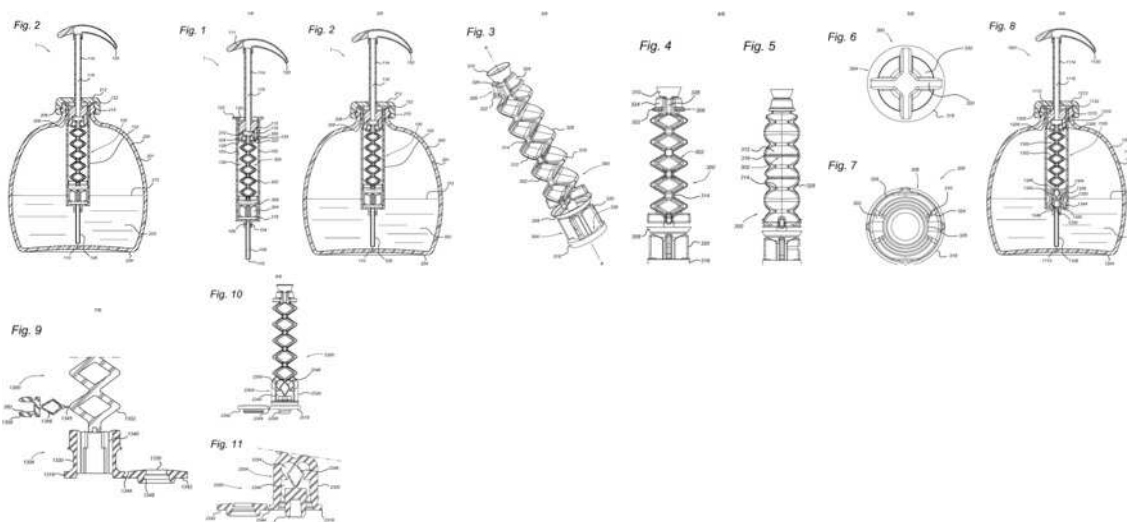
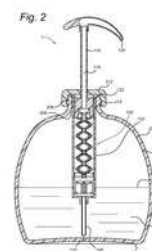
4. **System and method for dispensing products** US10039426 2017-02-09 SOULES JACK 2018-08-07 2018-08-07

A tissue dispenser comprises a base, at least one retaining strut connected to the base, and a dispensing pedestal. The tissue dispenser further comprises a box filled with tissue and an aperture in the bottom of the box, wherein the dispensing pedestal passes through the aperture in the bottom of the box holding the tissue at or near the top of the box.



5. **Dispenser for fluids** WO2018177517 2017-03-29 ESSITY HYGIENE & HEALTH* 2018-10-04 2018-10-04

A pump assembly has a pump cylinder and a feed conduit which, in use, opens out below a fluid level. An actuator including a piston portion is slideably engaged within the pump cylinder. A spring is provided within the pump cylinder, the spring including at least one spring section, a first end portion engaged against a lower end of the pump cylinder and a second end portion engaged with the piston portion. The spring section can be compressed in an axial direction from an initial condition to a compressed condition and can subsequently expand to its initial condition to bias the actuator upwards. A first valve element is provided at the first end portion of the spring, and a second valve element is provided at the second end portion of the spring. The spring section and at least one of the first and second valve elements are integrally formed of elastomer material to form a spring valve combination, defining respective one-way inlet and/or outlet valves for the pump assembly.



6. Disposable soap dispenser

CA2993318

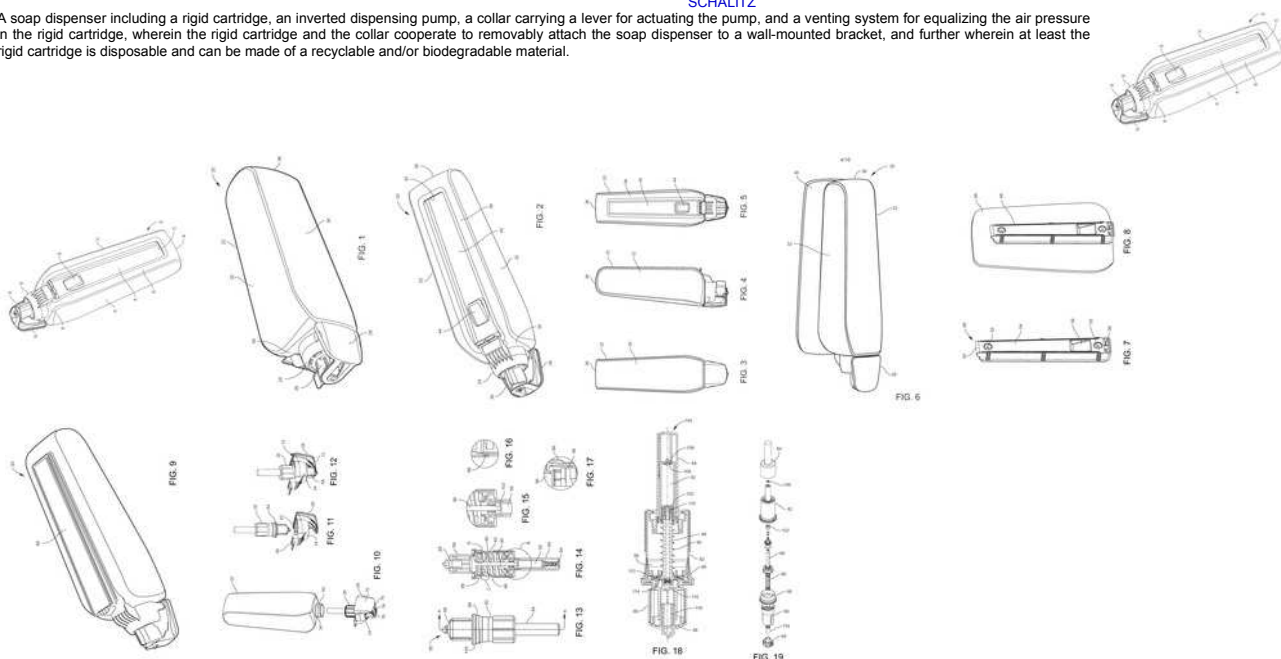
2016-07-22

SCHALITZ WILLIAM;SCHALITZ WILLIAM J.;VERMA VISHAAL;VERMA VISHAAL B.;VISHAAL B. VERMA;Vishal B. Verma;Vishal Bee. Verma Vishal B. VERMA;WILLIAM J SCHALITZ;William J. Shalitz;William Jay. Sharitsu William J. SCHALITZ

2017-01-26

2017-01-26

A soap dispenser including a rigid cartridge, an inverted dispensing pump, a collar carrying a lever for actuating the pump, and a venting system for equalizing the air pressure in the rigid cartridge, wherein the rigid cartridge and the collar cooperate to removably attach the soap dispenser to a wall-mounted bracket, and further wherein at least the rigid cartridge is disposable and can be made of a recyclable and/or biodegradable material.



7. Cap provided with a valve

EP3243762

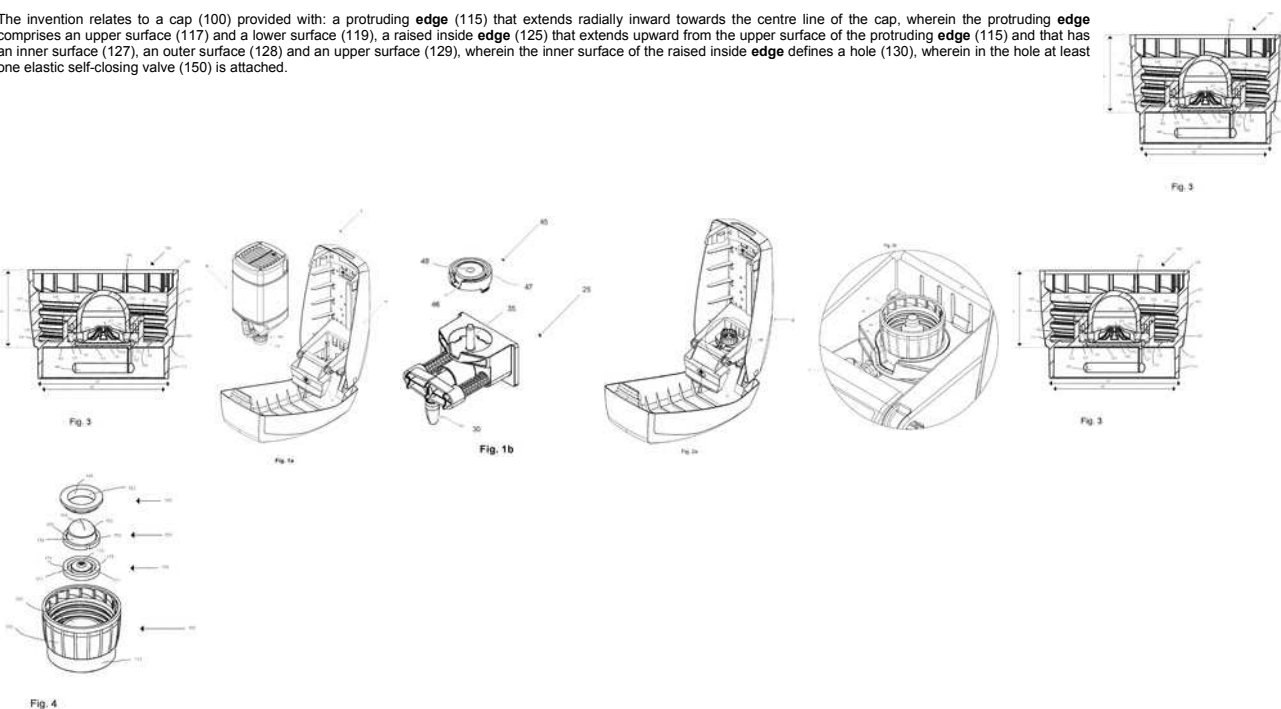
2016-05-09

MACOPRODUCTS*

2017-11-15

2017-11-15

The invention relates to a cap (100) provided with: a protruding edge (115) that extends radially inward towards the centre line of the cap, wherein the protruding edge comprises an upper surface (117) and a lower surface (119), a raised inside edge (125) that extends upward from the upper surface of the protruding edge (115) and that has an inner surface (127), an outer surface (128) and an upper surface (129), wherein the inner surface of the raised inside edge defines a hole (130), wherein in the hole at least one elastic self-closing valve (150) is attached.



8. Paper dispenser apparatus

KR20170110196

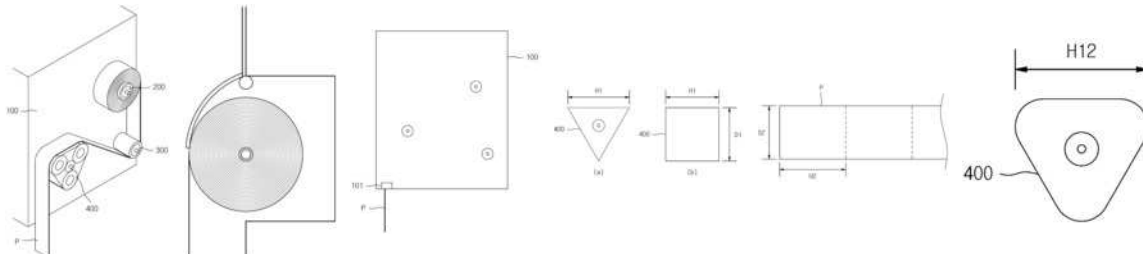
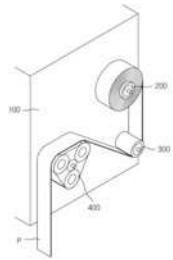
2016-03-22

UNIVERSITY CHUNG ANG INDUSTRY
ACAD COOP FOUND*

2017-10-11

2017-10-11

The present invention relates to a toilet paper holder device, enabling a paper roll to be inserted into the same to be held. More specifically, the present invention comprises: a toilet paper holding rod enabling the paper roll to be inserted therein; a first friction rod changing the withdrawal direction of the paper roll; a second friction rod changing the withdrawal direction of the paper roll again and assisting the paper roll to be withdrawn for each sheet; and a housing storing the configurations therein.



9. Paper towel dispensing cabinet

CA2960853

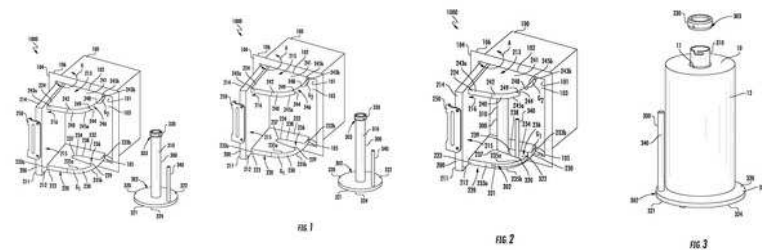
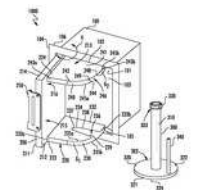
2017-03-15

HESTAN COMMERCIAL*

2017-09-15

2017-09-15

A door for a towel dispensing cabinet may be pivotable over an opening of a cavity. Frameworks may extend from a face of the door and define slots for stably receiving ends of a spindle assembly onto which a towel roll may be mounted. The frameworks may also include channels through which a shaft connecting the ends of the spindle assembly may be received to allow the spindle assembly to be received deeper into the slots. Towels may be dispensed from spindle assembly when stably received within the frameworks when the door is open. The door may be closed to position the spindle assembly within the cavity and seal the opening. The spindle assembly may also be removed from the frameworks for separate use when the door is open.



10. Designer refillable wipes container

US20170258279

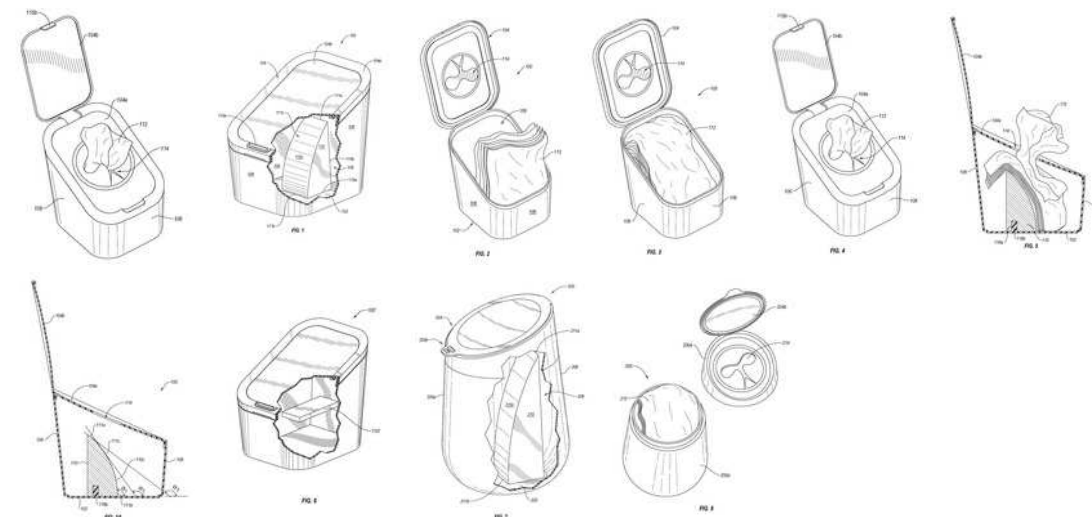
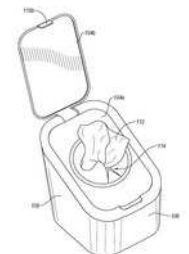
2016-03-09

CLOROX*

2017-09-14

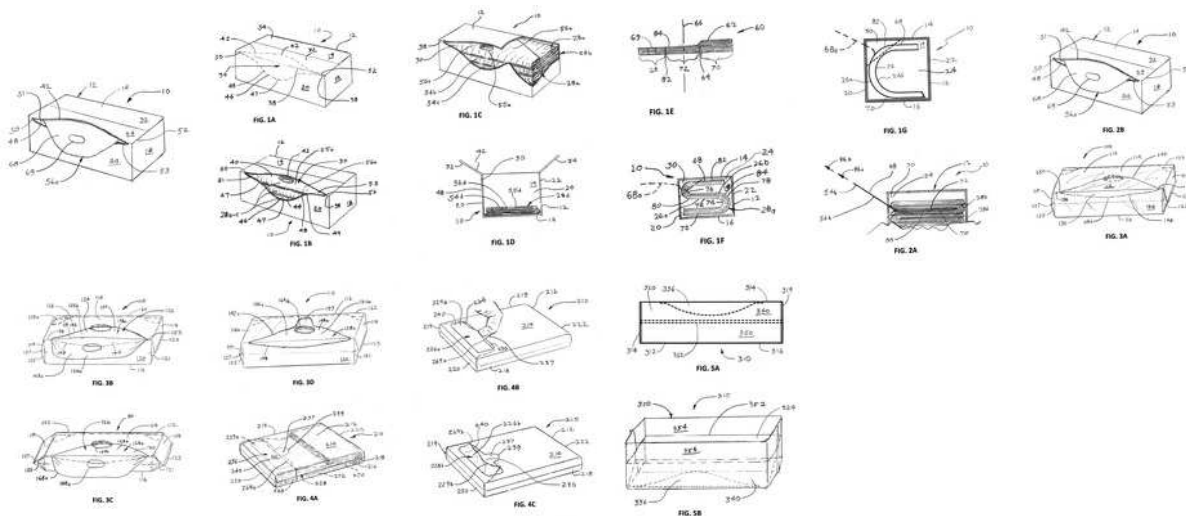
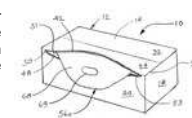
2017-09-14

Dispensing containers including a bottom, a top, and one or more side walls defining an interior cavity within the container. A support structure adjacent the bottom of the container forms an angle between a top surface of the support structure and the bottom that is from 120° to 150°. This allows the container to accommodate a rectangular stack of wipes positioned within the interior cavity of the container, in a substantially vertical orientation, with the short side contacting the bottom of the container, and the underside of the stack contacting the top surface of the support structure. The stack of wipes may be taller than the height of the container, fitting into the container due to the slightly angled orientation of the stack, the flexible nature of the stack of wipes, and the support structure allowing the stack to bend or flop over the support.



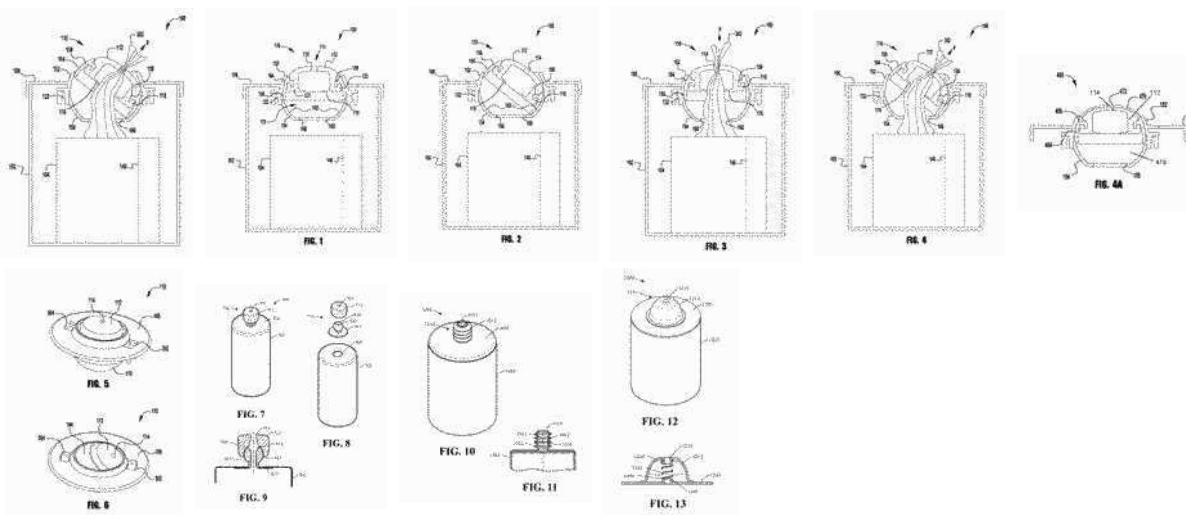
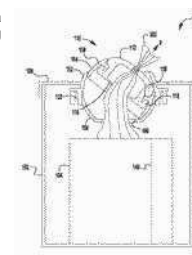
13. Universal space-saving article dispenser WO2016205735 2016-06-17 BLEVIN LINDSEY;DEMATTEIS ROBERT 2016-12-22 2016-12-22

A dispenser provided by a dispenser body with an article storage chamber bounded by at least one panel with an article extraction site leading to an article storage chamber containing at least one stack of articles folded over at least once in a non-binding arrangement with each article in the stack oriented in the same direction and with the outermost article disposed proximate the extraction site and constructed to slide off the folded article stack and out through the extraction site while leaving the next article in the folded article stack exposed for subsequent withdrawal wherein the articles may be selectively withdrawn one at a time through the extraction site until the innermost article is removed from the article storage chamber along with methods of loading and dispensing such dispensers are described herein.



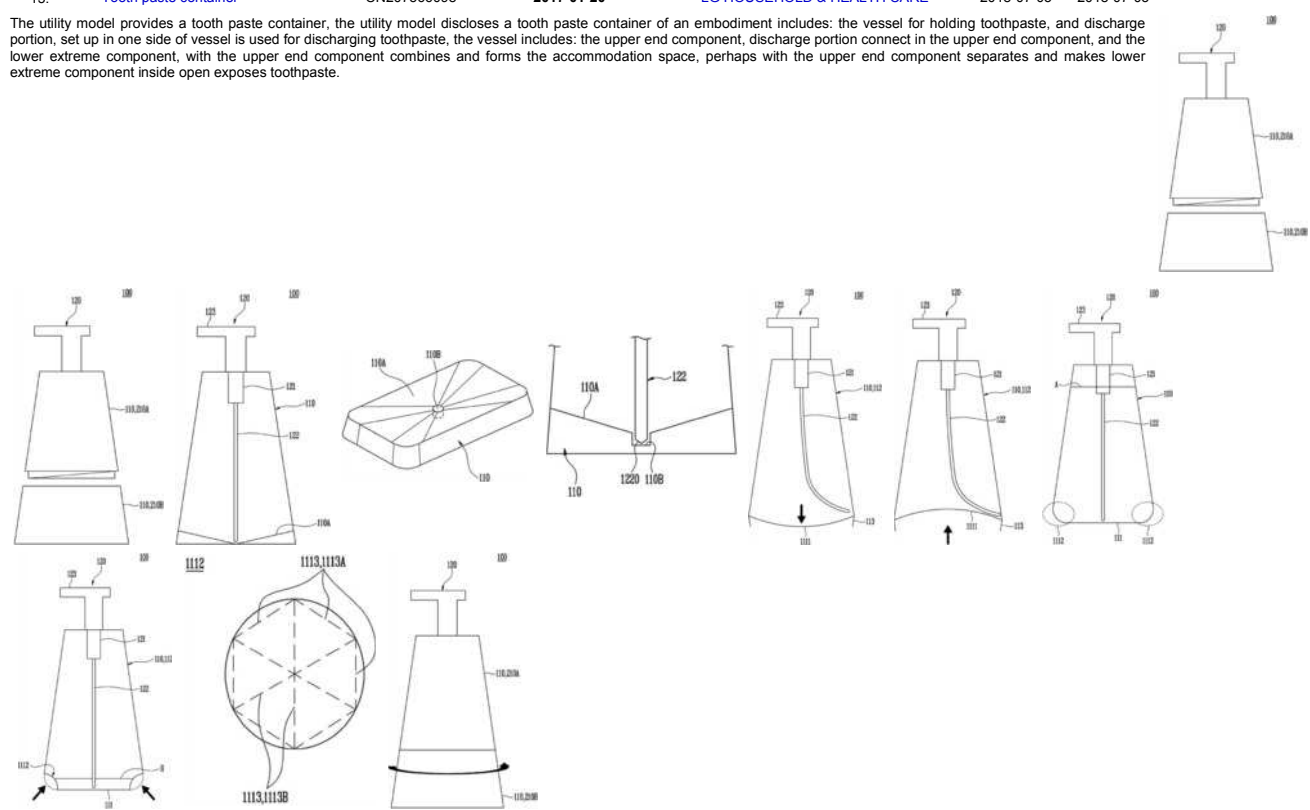
14. Self-orientating wipes dispensing nozzles and wipes dispensers having the same US20180310782 2018-04-27 GOJO INDUSTRIES* 2018-11-01 2018-11-01

Exemplary embodiments of wipes dispensers are disclosed herein. An exemplary wipes dispenser includes a container, a plurality of wipes contained within the container, a fluid for wetting the plurality of wipes and a self-orientating outlet nozzle. The self-orientating outlet nozzle includes a moveable outlet opening. The moveable outlet opening aligns with the direction of pull of the wipe when the wipe is pulled out of the dispenser at an angle that is not substantially vertical.



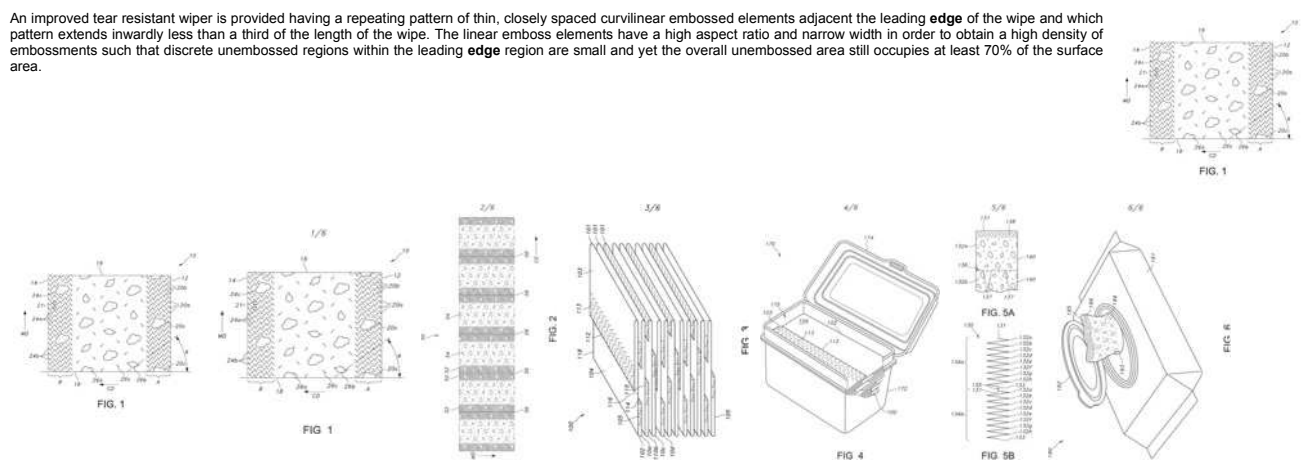
15. Tooth paste container CN207566098 2017-01-20 LG HOUSEHOLD & HEALTH CARE* 2018-07-03 2018-07-03

The utility model provides a tooth paste container, the utility model discloses a tooth paste container of an embodiment includes: the vessel for holding toothpaste, and discharge portion, set up in one side of vessel is used for discharging toothpaste, the vessel includes: the upper end component, discharge portion connect in the upper end component, and the lower extreme component, with the upper end component combines and forms the accommodation space, perhaps with the upper end component separates and makes lower extreme component inside open exposes toothpaste.

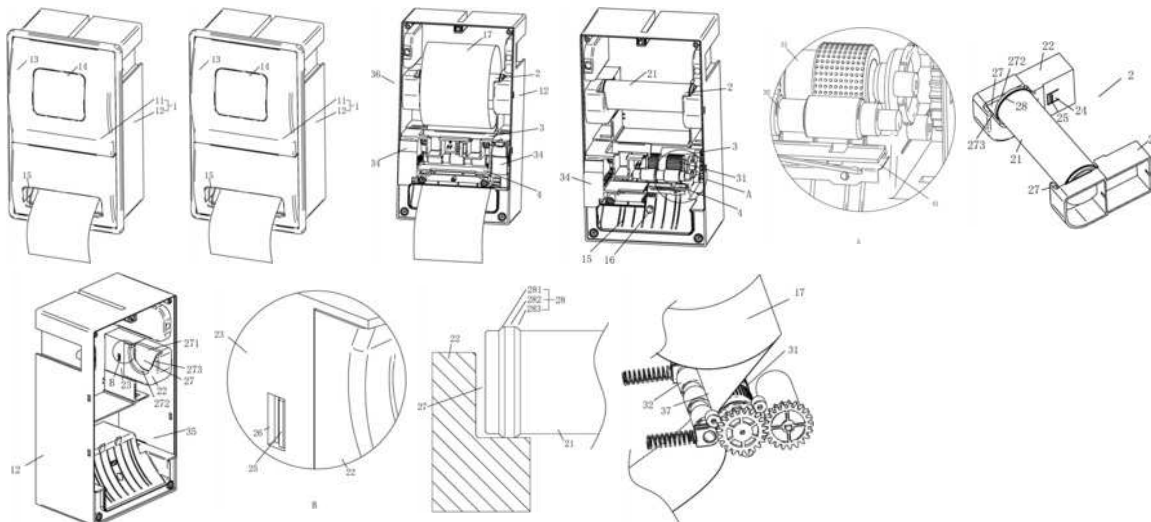
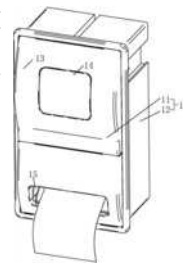


16. Tear resistant wiper WO2017214372 2017-06-08 KIMBERLY CLARK* 2017-12-14 2017-12-14

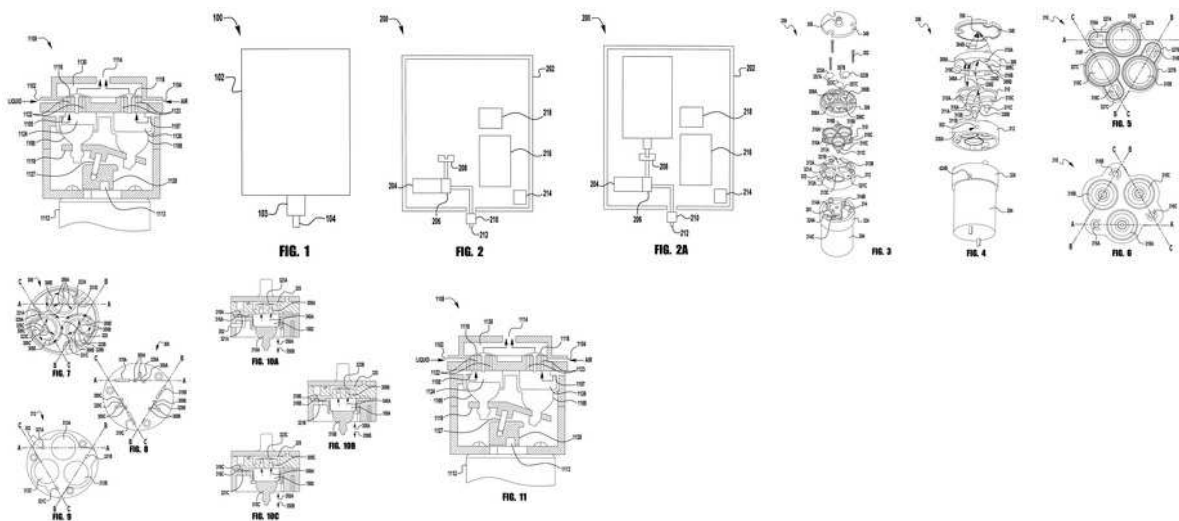
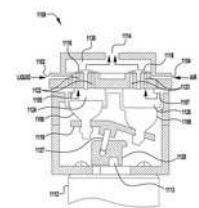
An improved tear resistant wiper is provided having a repeating pattern of thin, closely spaced curvilinear embossed elements adjacent the leading edge of the wipe and which pattern extends inwardly less than a third of the length of the wipe. The linear emboss elements have a high aspect ratio and narrow width in order to obtain a high density of embossments such that discrete unembossed regions within the leading edge region are small and yet the overall unembossed area still occupies at least 70% of the surface area.



The invention discloses a paper extraction device. The paper extraction device comprises a casing, wherein a rotatable rolling shaft for loading roll paper is arranged in the upper part of the casing; a paper taking opening is formed in the lower part of the casing; a rotating roller and a pressing roller which allow the roll paper to pass and clamp the roll paper are arranged between the roll shaft and the paper taking opening; a driving mechanism which is connected with the rotating roller and the pressing roller and drives the rotating roller and the pressing roller to rotate is arranged in the casing; an infrared detecting part for controlling the driving mechanism to work is outwards arranged in the paper taking opening. Automatic movement of the roll paper is realized under the action of pressing and rotating of the pressing roller and the rotating roller; meanwhile, starting and stopping of a motor are controlled by the infrared detecting part; by means of a protective plate, the roll paper is prevented from being scratched in the moving process, and cutoff of the roll paper can be guaranteed; with the adoption of storage grooves, the rotating shaft and the roll paper are convenient to take out.

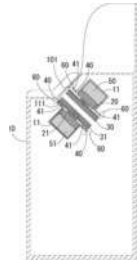


A foam pump includes a pump housing, and a molded multi-chamber diaphragm. The molded multi-chamber diaphragm includes a liquid pump diaphragm having a liquid pump stem and two or more air pump chambers each having an air pump stem. The length of the liquid pump stem is longer than the air pump stem. The foam pump further includes one or more outlet valves, a mixing chamber, an outlet for dispensing foam wherein the outlet is in fluid communication with the foam cartridge; and an actuator for sequentially actuating the liquid pump chamber and the two or more air pump chambers, wherein there is lost motion between the actuator and the liquid pump diaphragm.



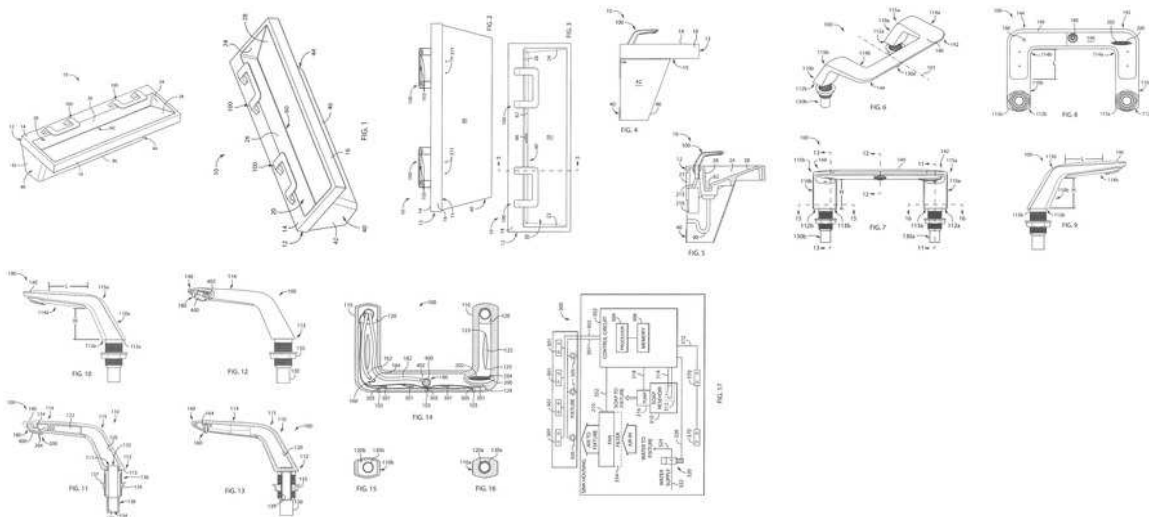
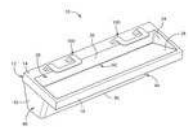
21. Hand-washing basin for operating room CN106175535 2016-08-22 PEKING UNIVERSITY SHENZHEN HOSPITAL* 2016-12-07 2016-12-07

The invention relates to a hand-washing basin for an operating room. The hand-washing basin comprises a box, a first ultrasonic vibration base, a first cleaning brush, a second ultrasonic vibration base, a second cleaning brush and a liquid spray device, wherein an opening for the palm of the human body to extend inside is formed in the box; the first ultrasonic vibration base is arranged at the upper side, close to the opening, in the box; the first cleaning brush is arranged on the first ultrasonic vibration base; the second ultrasonic vibration base is arranged at the lower side, close to the opening, in the box; the second cleaning brush is arranged on the second ultrasonic vibration base, and a gap cavity is defined by the first cleaning brush and the second cleaning brush, and the height of the gap cavity is slightly smaller than the thickness of the palm of the human body, so that the first cleaning brush contacts the second cleaning brush when the palm of the human body is inserted into the gap cavity; the liquid spray device is arranged in the box, so that liquid can be sprayed to the palm of the human body in the gap cavity. The hand-washing basin for the operating room provided by the invention can be used for carrying out ultrasonic cleaning on the surface of the palm of the human body.



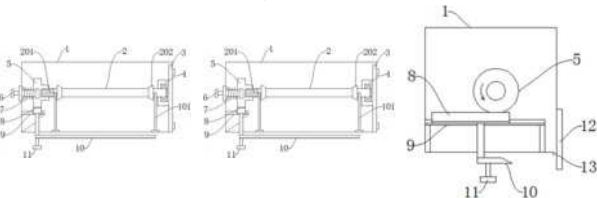
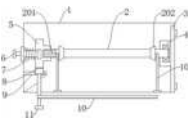
22. Multi-function fixture for a lavatory system US20170356173 2016-06-08 BRADLEY* BRADLEY FIXTURES 2017-12-14 2017-12-14

Systems and methods for a multi-function lavatory fixture are disclosed. The lavatory fixture includes a first and second leg, where a first end of each leg is configured to be mounted to a deck and a second end of each leg is located over a basin of the lavatory fixture. A connecting section extends between the second ends of each leg and includes outlets to dispense water, soap, and air to wash a user's hands. The fixture also includes indicators located proximate each of the outlets to indicate to the user the location of each outlet. A sensor located near each outlet, identifies the presence of a user's hands near the outlet and dispenses water, soap, or air accordingly. A controller within the lavatory fixture receives inputs from each sensor and activates the appropriate pump, fan, valve, and the like to deliver the desired product at the appropriate outlet.



23. Method suitable for automatically cutting paper CN108378758 2018-04-11 Hu Rong 2018-08-10 2018-08-10

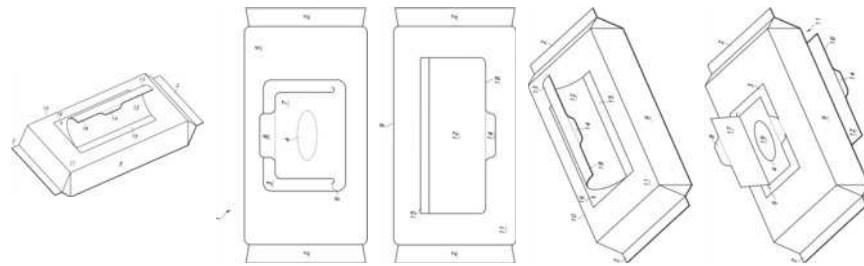
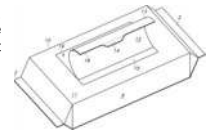
The invention discloses a method suitable for automatically cutting paper, comprising: S1, sleeving a fixing shaft of a wall-mounted paper holder with a first paper roller and a second paper roll, wherein the first paper roll and the second paper roll mutually and alternately drive the fixing shaft to rotate in clockwise and anticlockwise directions, and the rotation drives a gear to rotate in sync; S2, allowing gear-rack meshing structure to convert rotational motion in two directions on the fixing shaft into linear reciprocating motion of a same rack; S3, during unidirectional motion of the linear reciprocating motion of the rack, allowing the rack to drive a cutting plate to move towards the paper roll having the paper pulled currently, and finishing single-travel cutting operation until a top plate in rear of the paper roll is touched; S4, during another unidirectional motion, allowing the rack to drive one cutting plate to move towards the paper roll having the paper pulled currently, and finishing another single-travel cutting operation until the top plate in rear of the paper roll is touched; S5, pulling the two paper rolls alternately, and repeating the steps S3 to S4; S6, after the paper rolls run out, disengaging the rack and the gear, and after a new paper roll is fitted in position, allowing one end of the rack, namely the start point of the rack, to re-engage with the gear.



24. **Dispenser of handkerchiefs for one of the hands** BR102017021284 2017-09-28 JOHNSON & JOHNSON CONSUMER* 2017-10-31 2017-10-31

A dispensing package and method of using a dispensing package, the dispensing package including interior region defined by a top surface, a bottom surface, a front surface, a back surface, a first side and a second side; the top surface including an aperture for access to the interior region, the top surface being releasably sealed by a top cover; the bottom surface having a coating of an adhesive area on at least a portion of the bottom surface, where the adhesive area is releasably covered by a leaflet, where the leaflet has an area at least as large as the adhesive area, and where the leaflet is secured to the bottom surface of the package at a leaflet securement area.

(From EP3305151 A1)

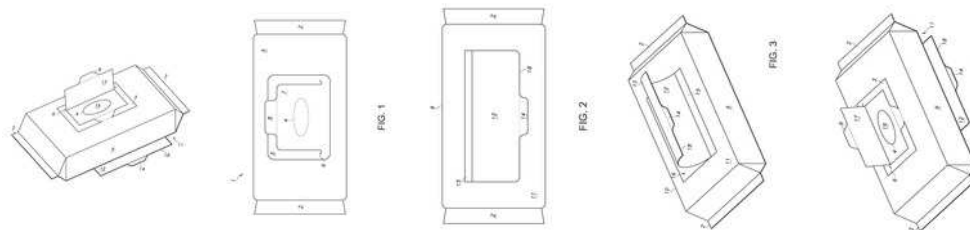
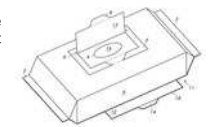


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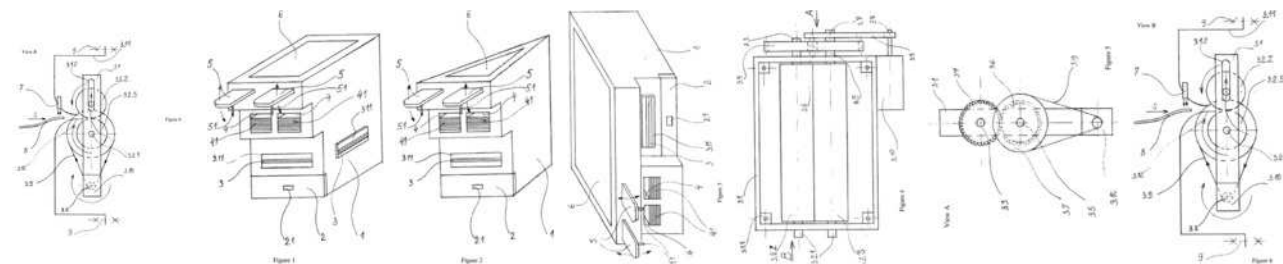
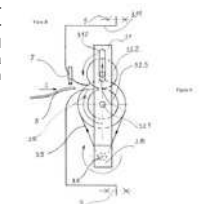
25. **One-handed wipes dispenser** EP3305151 2016-10-07 JOHNSON & JOHNSON CONSUMER* 2018-04-11 2018-04-11

A dispensing package and method of using a dispensing package, the dispensing package including interior region defined by a top surface, a bottom surface, a front surface, a back surface, a first side and a second side; the top surface including an aperture for access to the interior region, the top surface being releasably sealed by a top cover; the bottom surface having a coating of an adhesive area on at least a portion of the bottom surface, where the adhesive area is releasably covered by a leaflet, where the leaflet has an area at least as large as the adhesive area, and where the leaflet is secured to the bottom surface of the package at a leaflet securement area.



26. **Personal cleaning kit** SI25211 2017-04-20 PLAJO JOSEF JOHANNES PLAVČAK S P; PLAJO JOSEF JOHANNES PLAVČAK S P 2017-12-29 2017-12-29

The personal cleaning kit, in its basic part (1), combines a dispensing system for soap or disinfectant or both (5) in different combinations, area (4) for fresh clean towels or wipes (4.1), a mechanical entry (3), which is constructed in a way that the used towels or wipes (8) are retracted by two rollers (3.2.Z) and (3.2.S) driven by an electric motor (3.10), which is supplied by the mains or batteries, to the disposal area or compartment (2), which is pulled out from its space in the base (1) by pulling the handle (2.1) and emptied. An iris (3.1.1) is installed in front of the rollers (3.2.Z) and (3.2.S) in order to prevent the insertion of thicker objects or fingers. The upper roller (3.2.Z) is placed in a groove (3.1.2) of a bracket (3.1) in order to freely move upwards in the event of an overload or when thicker objects are put in, and so to release the mechanical joint between sprockets (3.4) and (3.6). The entire personal cleaning kit can be constructed as a rectangular or an angular item.



27. **Bottle holder** US20180153354 2016-12-01 COLGATE PALMOLIVE* 2018-06-07 2018-06-07

A fluid dispenser for dispensing a fluid and a method for dispensing a fluid such as a mouthwash may include a container having an internal reservoir for containing a volume of the fluid and a fluid pump connected to the container. The fluid pump may include a head, a spout, a stem, and a collar. The collar may attach the fluid pump to the container. The fluid dispenser may further include a container holder having a stem support that defines a slot that receives the stem of the fluid pump, a base, and an attachment member extending from the stem support toward the base.

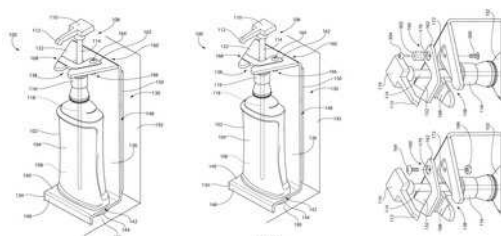


FIG. 1

FIG. 2

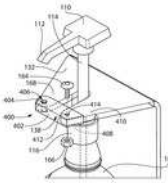


FIG. 4

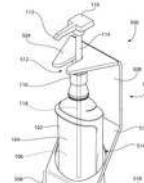


FIG. 5



FIG. 6

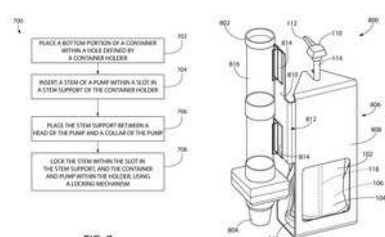


FIG. 7

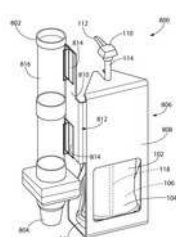


FIG. 8

28. **Devices and systems for containing and dispensing liquids** WO2018136481 2018-01-17 HORIZON HOME PRODUCTS* 2018-07-26 2018-07-26

A device includes a container and a pump assembly coupled to the container. The pump assembly extends into an interior cavity of the container. The pump assembly is configured for dispensing a fractional volume of a liquid from the interior cavity to an exterior of the container. The fractional volume is less than a volume of the container. The device also includes at least one hanger arm coupled to the container and extending distally therefrom. The at least one hanger arm includes a first section proximate the container and a second section distal the container. The second portion includes a distal end.



FIG. 4

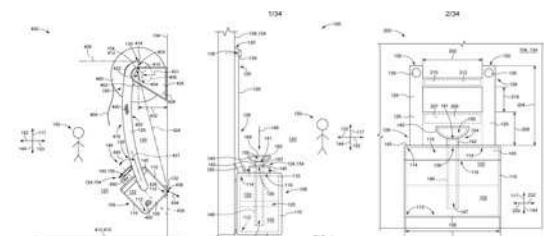


FIG. 1

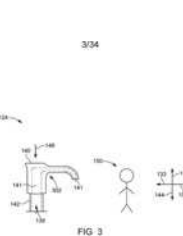


FIG. 3



FIG. 4

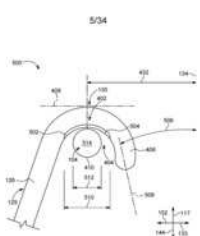


FIG. 5

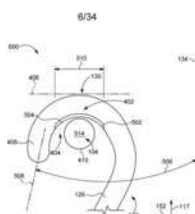


FIG. 6

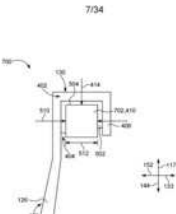


FIG. 7

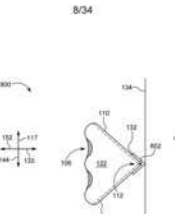


FIG. 8

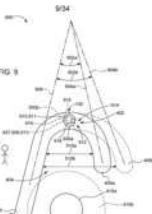


FIG. 9

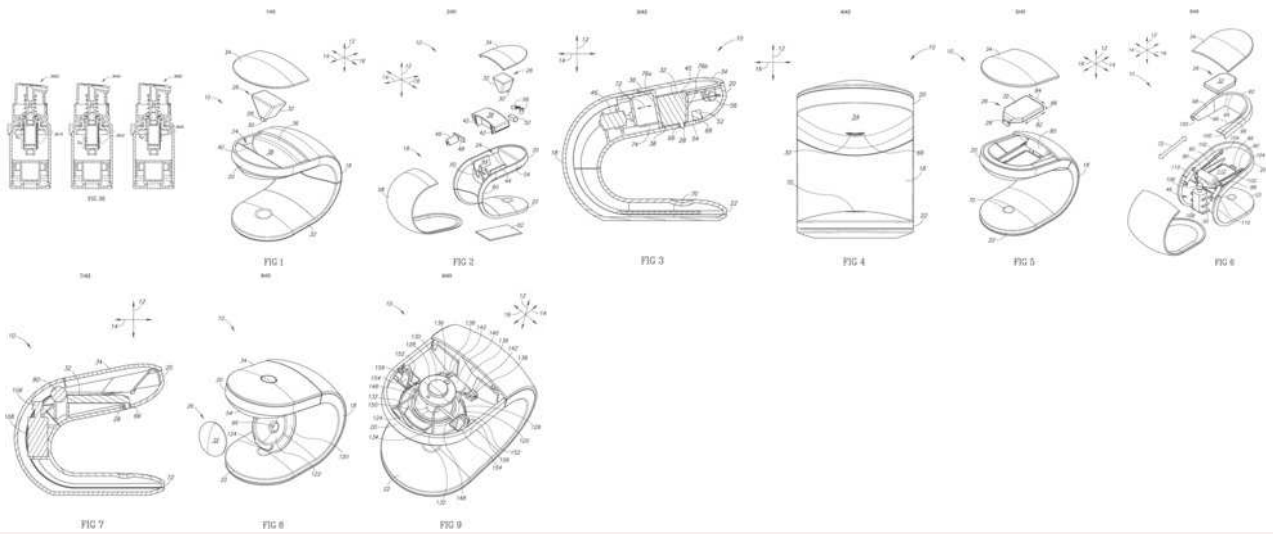
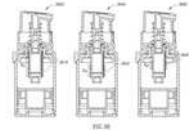
29. Inductively heatable fluid reservoir for various fluid types CA3003724

2016-10-04

TOASTER LABS*
TOSTA LABS

2017-04-13 2017-04-13

In various embodiments, a fluid delivery pod includes a first surface, a second surface that opposes the first surface, a reservoir body, an outlet port, a heating structure, and a valve assembly. The reservoir body is between the first and the second surfaces. The reservoir body is configured to house a fluid. The outlet port is positioned on a surface of the pod. The surface is between the first and the second surfaces. The heating structure is thermally coupled to the fluid housed within the reservoir body. The heating structure wirelessly receives energy from an energy source that is external to the fluid delivery pod. The wirelessly received energy heats the fluid housed within the reservoir body. In response to an application of compression forces on the first and the second surfaces, the valve assembly dispenses the heated fluid through the outlet port and out of the fluid delivery pod.



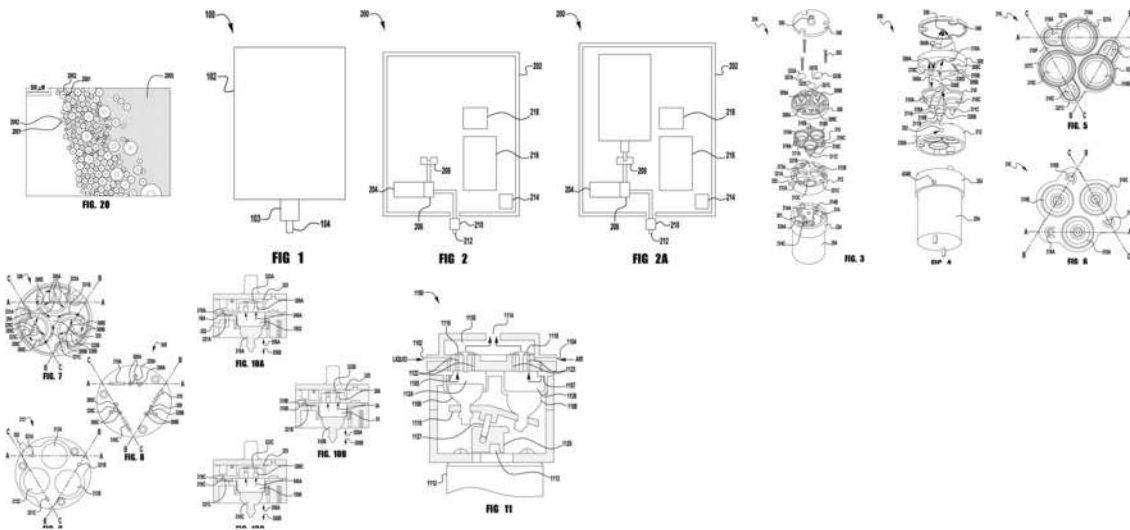
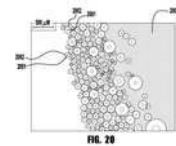
30. High quality non-aerosol hand sanitizing foam CA3013786

2017-02-13

GOJO INDUSTRIES*

2017-08-17 2017-08-17

Exemplary embodiments of high non-aerosol foam sanitizers are disclosed herein. An exemplary embodiment of high non-aerosol foam sanitizer includes a liquid mixture that includes an alcohol, water and a surfactant mixed with and entrapping air to form a plurality of foam bubbles. Wherein more than about 50 percent of the foam bubbles have a size of between about 50 μm and about 250 μm .



31. Personal cleaning system

US20170238770

2017-03-03

TACTOPACK*

2017-08-24

2017-08-24

The invention describes a method for manufacturing a portable fluid dispensing device that comprises a hand-held applicator that includes a pocket that is configured to receive one hand of a user. The pocket partitions the hand-held applicator into a rear portion and a front portion.

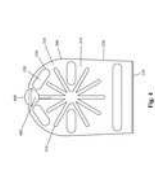
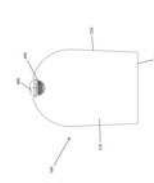
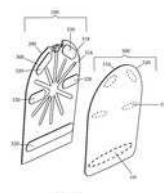
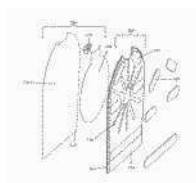
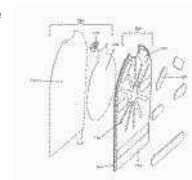


Fig. 2

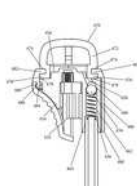
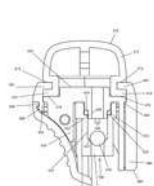
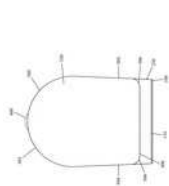


Fig. 7

Fig. 8

32. Portable container

WO2017138615

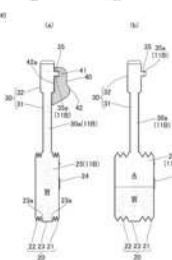
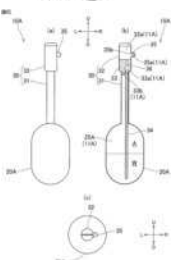
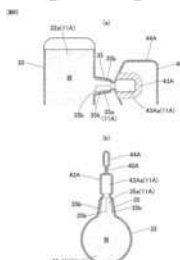
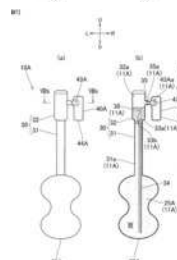
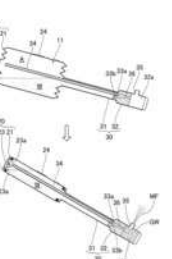
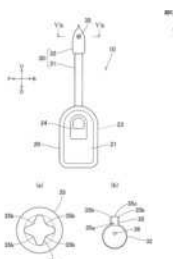
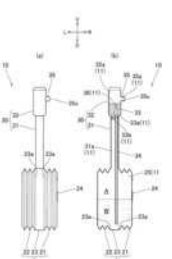
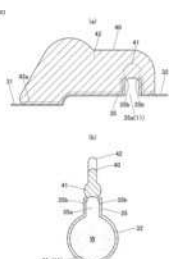
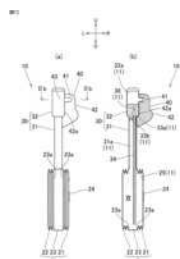
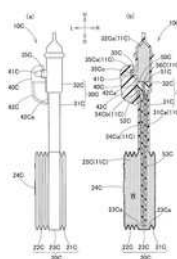
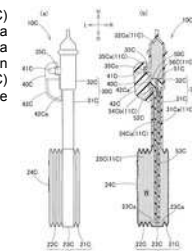
2017-02-09

CO LTD
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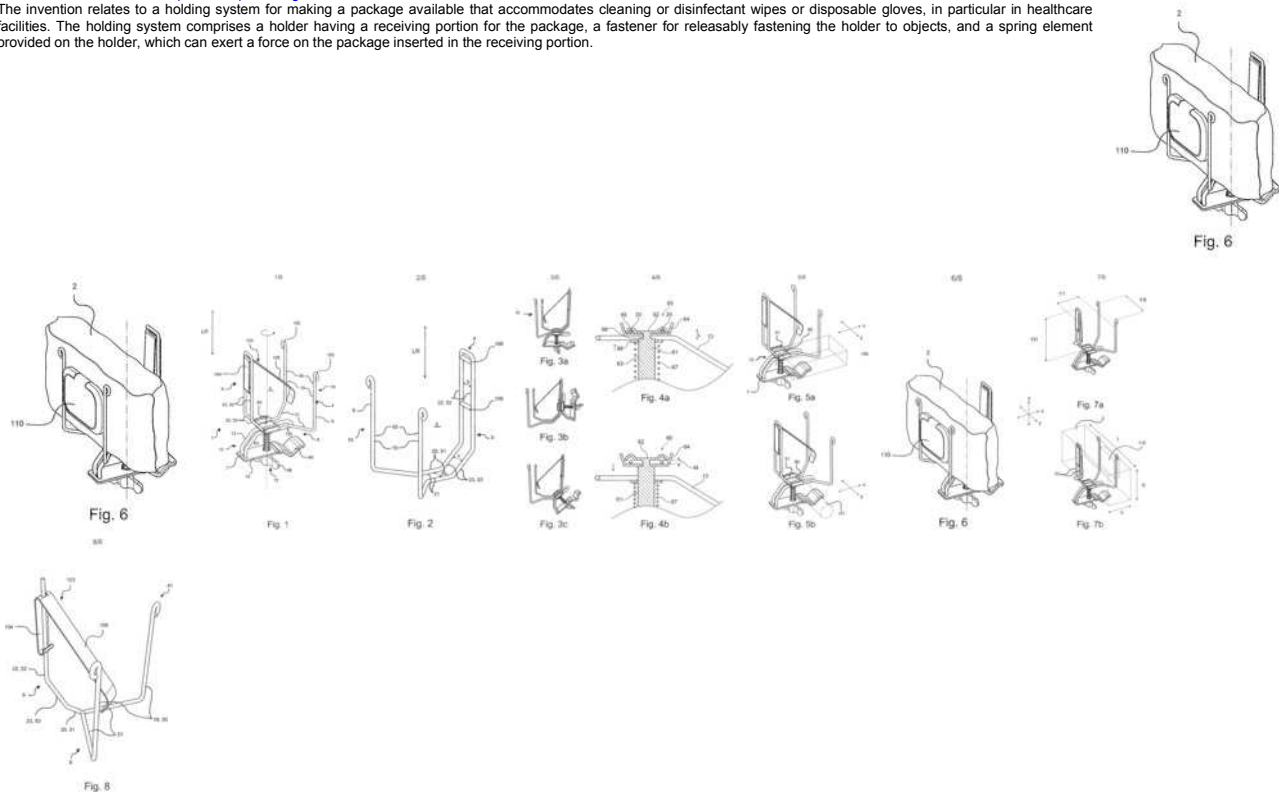
2017-08-17

Provided is a portable washer whereby the quality of washing water can be maintained. A portable washer (10C) is configured so as to be provided with a tank part (20C) formed so as to be compression-deformable and capable of returning to the original shape thereof, a nozzle (35C) connected to the tank part (20C) and capable of discharging a fluid, and a seal part (40C) which provided continuously with the nozzle (35C) and is capable of sealing the fluid. The tank part (20C) and the nozzle (35C) are connected via a cylindrical part (30C) having a cylindrical shape. The present invention is configured so that in a sealed state in which the fluid is sealed by the seal part (40C), an accommodating chamber (11C) is fully filled with the fluid in a state in which the tank part (20C) is compressed, and in an unsealed state in which sealing by the seal part (40C) is removed, the tank part (20C) is restored to the original shape thereof, and the volume of the accommodating chamber (11C) is enlarged relative to the volume of the accommodating chamber (11C) in the sealed state.



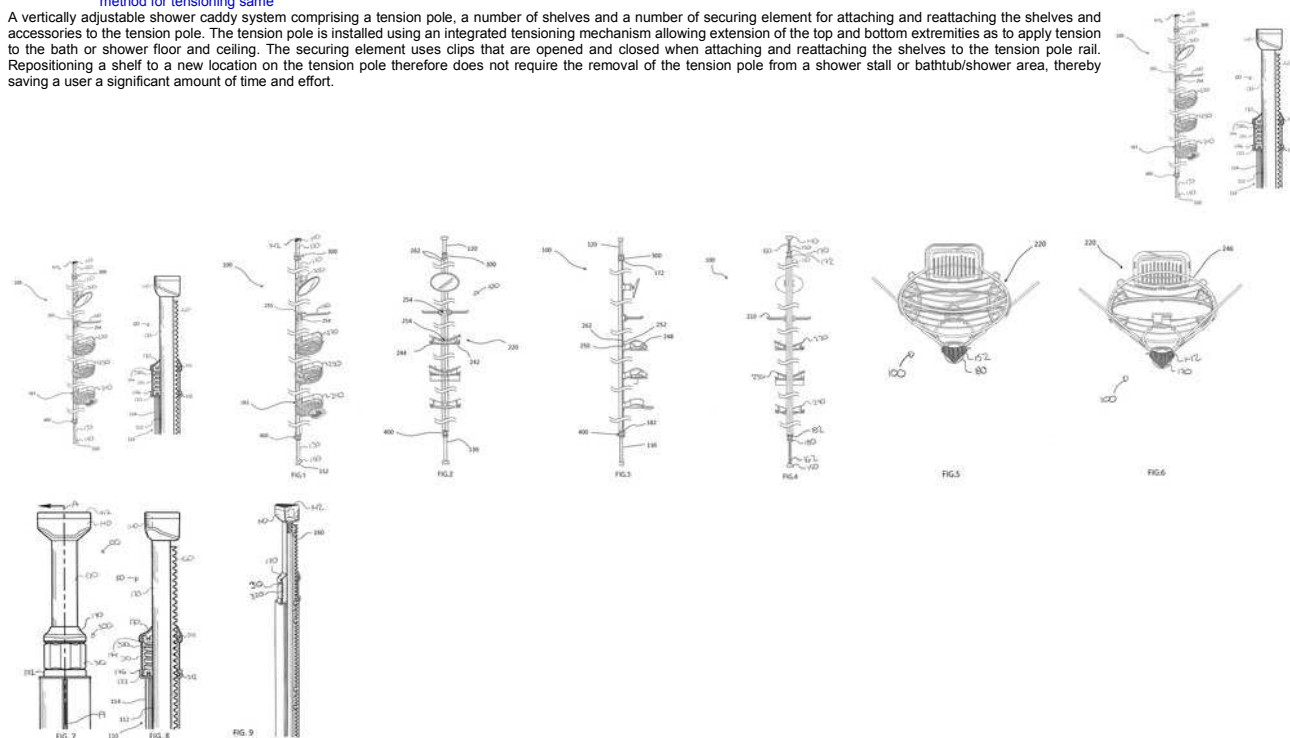
33. Holding system for making a package available that accommodates cleaning or disinfectant wipes or disposable gloves DE102017111233 2017-05-23 BODE CHEMIE* 2018-11-29 2018-11-29

The invention relates to a holding system for making a package available that accommodates cleaning or disinfectant wipes or disposable gloves, in particular in healthcare facilities. The holding system comprises a holder having a receiving portion for the package, a fastener for releasably fastening the holder to objects, and a spring element provided on the holder, which can exert a force on the package inserted in the receiving portion.



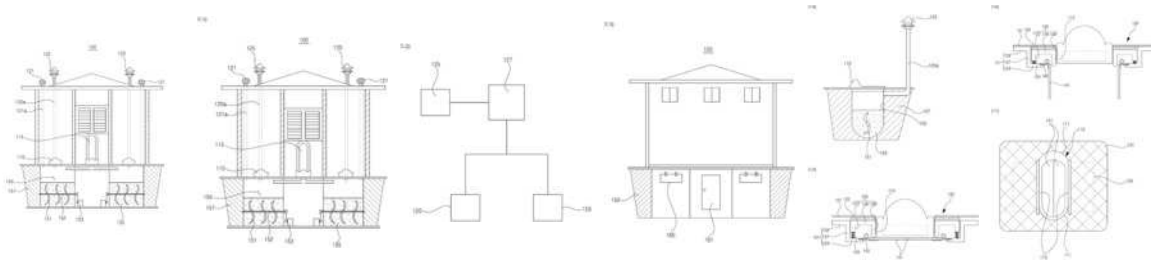
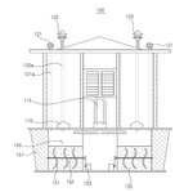
34. Vertically adjustable shower caddy and method for tensioning same CA2940922 2016-09-01 ARTIKA FOR LIVING* 2017-03-01 2017-03-01

A vertically adjustable shower caddy system comprising a tension pole, a number of shelves and a number of securing element for attaching and reattaching the shelves and accessories to the tension pole. The tension pole is installed using an integrated tensioning mechanism allowing extension of the top and bottom extremities as to apply tension to the bath or shower floor and ceiling. The securing element uses clips that are opened and closed when attaching and reattaching the shelves to the tension pole rail. Repositioning a shelf to a new location on the tension pole therefore does not require the removal of the tension pole from a shower stall or bathtub/shower area, thereby saving a user a significant amount of time and effort.



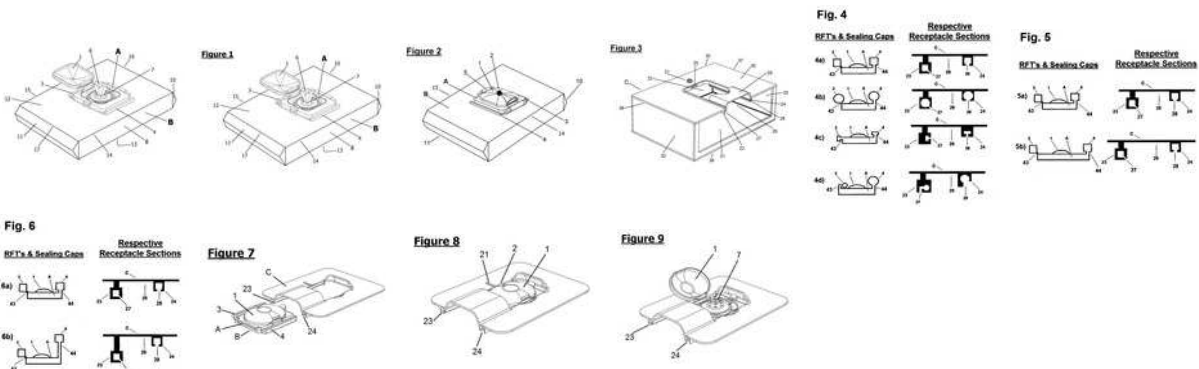
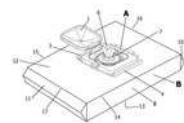
35. Fermentation-dissipating squat toilet KR20160081874 2016-06-20 21C ENV* 21C ENVIRONMENT 2016-07-08 2016-07-08

The present invention relates to a fermentation-dissipating squat toilet and, particularly, to a fermentation-dissipating squat toilet that may: be semi-permanently used; perform fermentation-dissipation of human waste, even when a separate microbial fermentation agent, an odor removing agent, or the like is not periodically supplied, by using cedar wood chips having inherent deodorizing effects and a wide specific surface area; have improved aesthetics and hygiene because an automatic opening/closing means is provided to open the squat toilet only when a user steps on a foot support and loads their body weight thereon, so that the waste of others is not seen when the user opens a toilet door and the user's own waste is also not seen by virtue of being mixed with the wood chips by a stirring blade; and create a more comfortable environment by operating the stirring blade and a power operated gas exhaust evacuator when a user enters the toilet, so as to mix the wood chips and human waste and forcedly exhaust gases in a stirring tank.



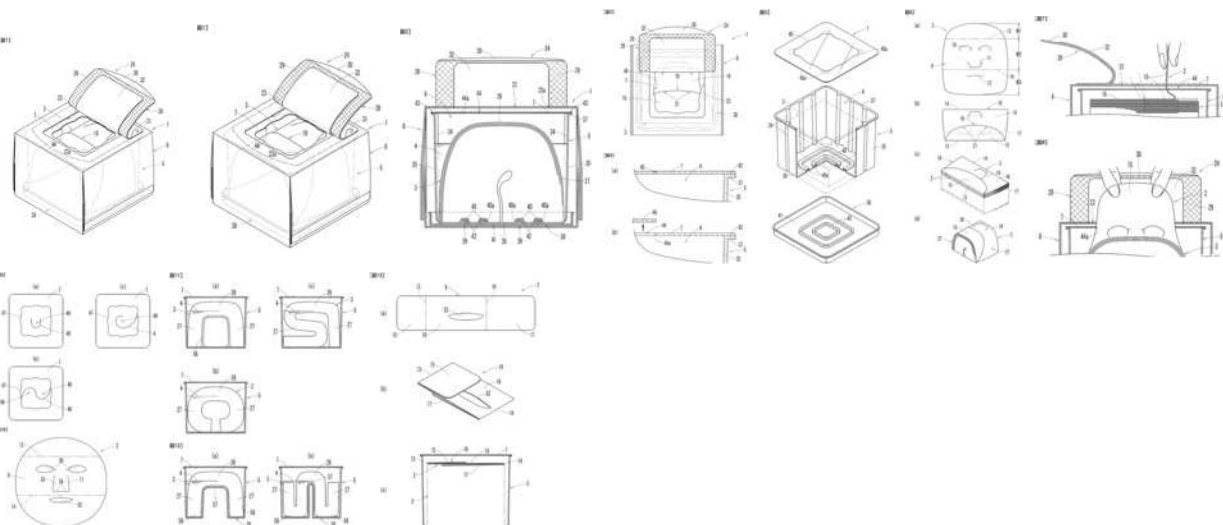
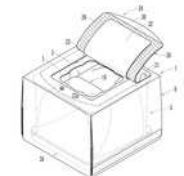
36. Container of wipes with a stabilising trackpack device US20180020887 2016-07-22 GORDON MICHAEL JOHN 2018-01-25 2018-01-25

Referring to FIG. 1. The invention relates to a housing for a soft pack dispensing container for wipes B, the latter featuring hermetically sealed edges 10, 11 and a rigid flip top A which has a frame fixed to the dispensing container B, a frame which surrounds an aperture 7 through which wipes are extracted. The fixed frame features at least two slide rails 3, 4 enabling the dispensing container A to attach to the supports within a housing so long as at least one of the slide rails 3, 4 is of a specific geometric cross section profile that corresponds to the geometric cross section profile of its corresponding support.



37. Wet sheet package JP2017210268 2016-05-26 GLIDE ENTERPRISE* GLIDE ENTPR 2017-11-30 2017-11-30

The present invention can eliminate the inconvenience of unfolding a wet sheet after it is taken out and thus can improve the convenience in using the wet sheet. A layered body (3) of folded wet sheets is stored in an exterior bag (8) having an outer taking-out opening (23), which can be opened and closed by an opening sealing means (24), provided on the upper-surface side. The layered body (3) is stored in such a manner that the wet sheet at the top can be taken out while being unfolded by picking an edge section (19) on the upper-surface side. The layered body (3) is formed of a plurality of wet sheets that are folded in a zigzag manner to make a band-like folded body, and the edge section (19) is located at the widthwise middle section of the folded body so as to extend in the longitudinal direction.



38. Foam discharge device

WO2017179684

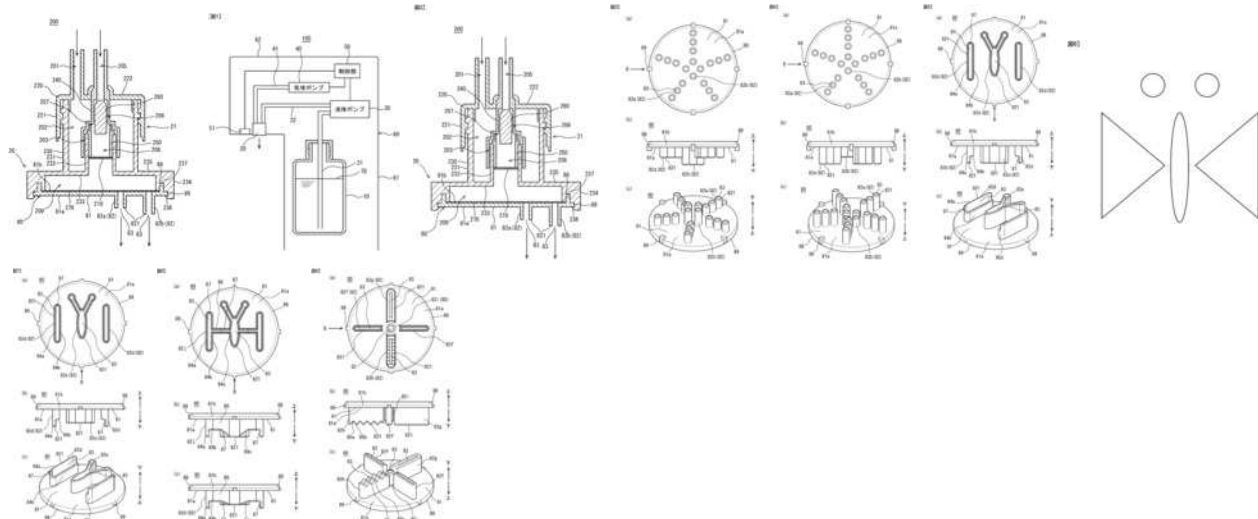
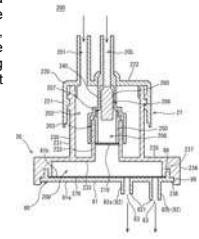
2016-10-28

KAO*

2017-10-19

2017-10-19

The foam discharge device is equipped with: a storage unit for storing a liquid agent; a foaming mechanism (21) for producing foam by foaming of the liquid agent; and a discharge section (20) for discharging the foam. The discharge section (20) has: a foam passage chamber (209) through which the foam passes; and one or multiple discharge opening formation wall parts (82), each of which vertically protrude below the foam passage chamber (209), and which are formed in a closed-loop-like shape in a plan view, and have an internal space which communicates with the foam passage chamber (209) and a discharge opening (83) which is formed at the bottom edge (821) thereof. The bottom edge parts of the discharge opening formation wall parts (82) are formed, at least partially, to become thinner toward the lower side, and the discharge opening formation wall parts (82) include a first part (e.g. discharge opening formation wall part (82a)) and a second part (e.g. discharge opening formation wall part (82b)). The height position of the bottom edge of the first part is higher than the height position of the bottom edge of the second part.



39. Film packaging tissue

WO2018180622

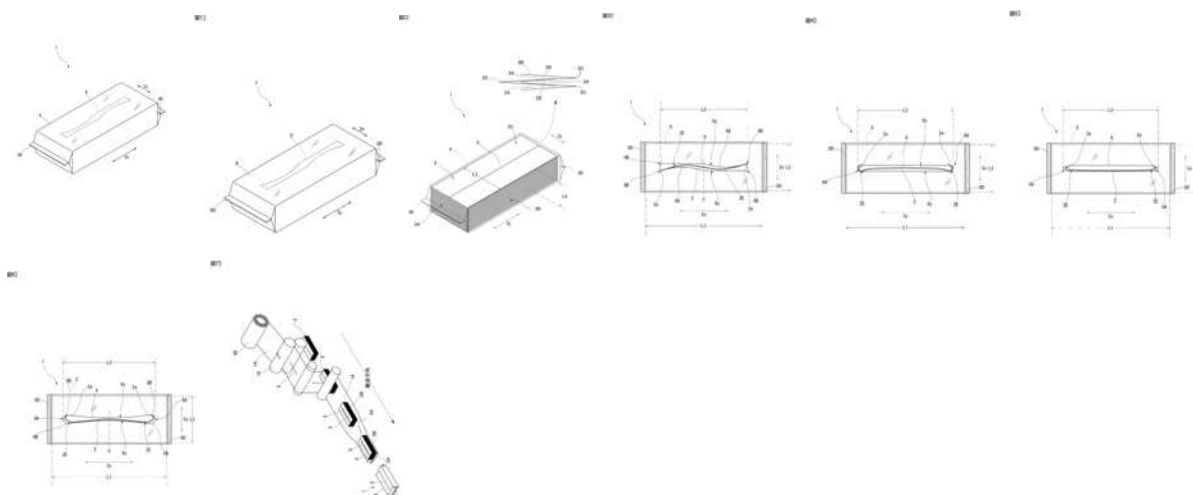
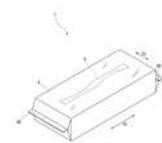
2017-03-31

DAIO SEISHI*
JAPANESE BUSINESS KING PAPER

2018-10-04

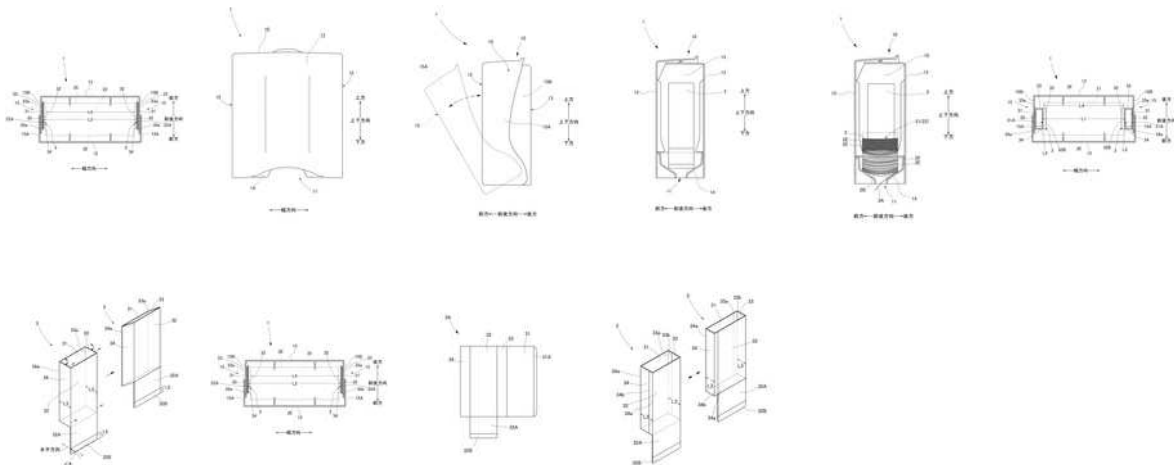
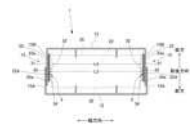
2018-10-04

[PROBLEM] To provide a film packaging tissue in which a portion of tissue paper exposed from a take-out opening tends to be in a state of standing upright. [SOLUTION] Provided is a film packaging tissue in which a bundle of pop-up type tissue paper is packaged by a packaging film of a resin agent, wherein perforations for forming a take-out opening are annular and formed along the longitudinal direction, and an edge of the take-out opening formed by the division of the perforations for forming a take-out opening has a guide edge portion for moving each side edge portion in a long side direction of the bundle of tissue paper toward a short side direction of the bundle.



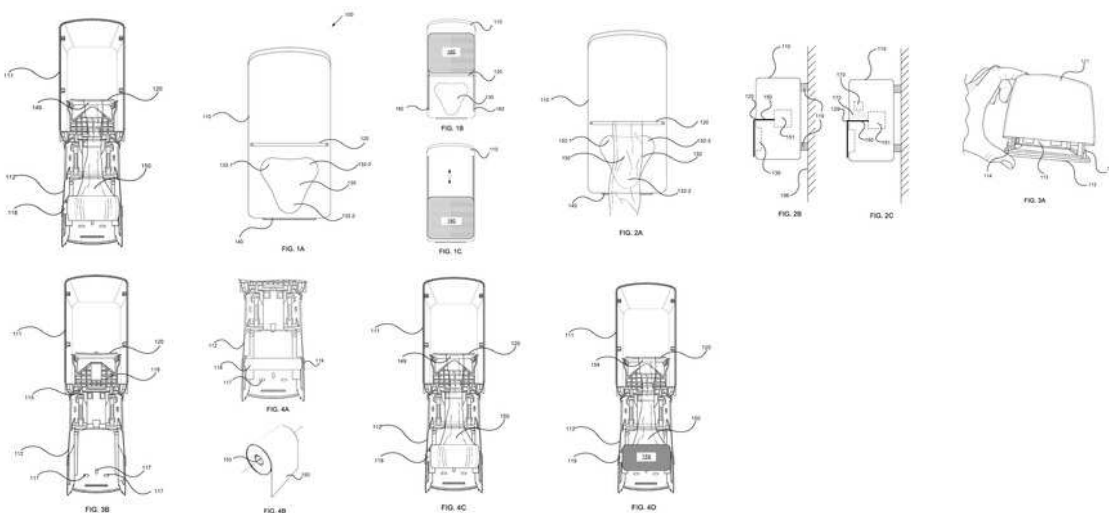
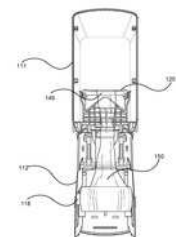
40. **Hygienic tissue paper dispenser and guide body used for hygienic tissue paper dispenser** JP2017176679 2016-03-31 DAIO SEISHI* 2017-10-05 2017-10-05

PROBLEM TO BE SOLVED: To make a hygienic tissue paper dispenser compatible with a bundle of hygienic tissue paper with a plurality of dimensions. **SOLUTION:** A guide body attached to inner surfaces of respective side plate parts of a hygienic tissue paper dispenser for guiding side faces in a width direction of a bundle of hygienic tissue paper includes: a first face part; a second face part facing the first face part; and a third face part and a fourth face part for connecting both ends of the first face part and the second face part. In a state in which the third face part and the fourth face part are raised, the guide body part is formed into a square cylindrical shape and results in a state in which the guide body rises from a side plate part inner surface. The guide body is formed into a flat shape in a state in which the third face part and the fourth face part collapse and results in a state in which the guide body falls on a side surface part inner surface. **SELECTED DRAWING:** Figure 7



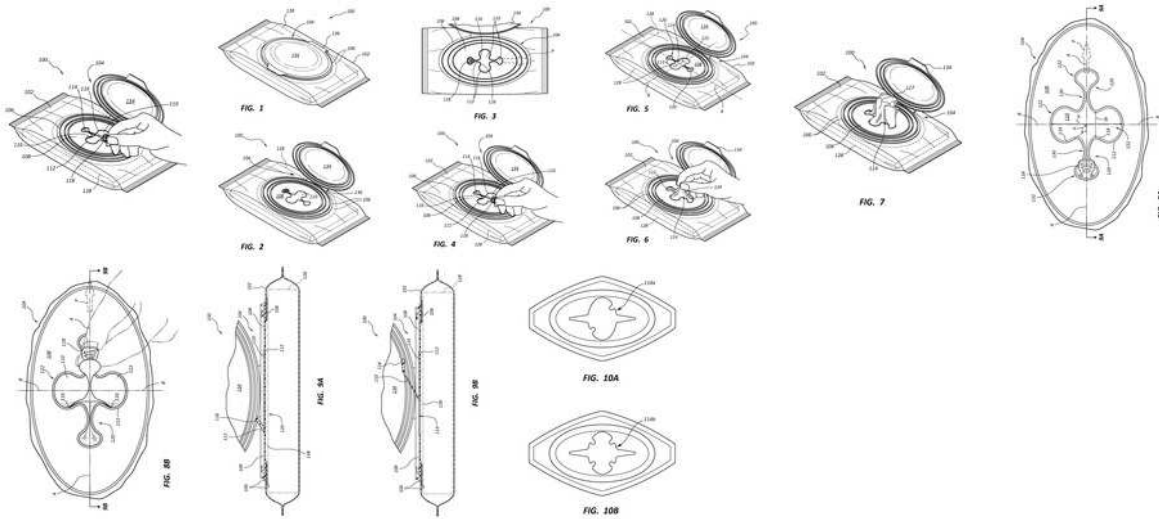
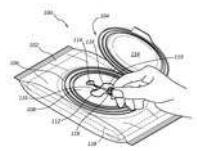
41. **Barrier dispenser and method of using the same** US20170367779 2017-06-28 SANO CURATIO* 2017-12-28 2017-12-28

Apparatus and methods for applying a barrier to a medical scope are provided. An apparatus may comprise a source of film and a housing. The housing may comprise a chamber configured to support therein the source of film, and an opening provided through a wall of the housing to permit a portion of the film to extend out of the chamber when the film is dispensed. The housing may comprise a recess located such that the extended portion of the film is permitted to hang freely in proximity to the recess. The recess may be sized to receive a distal portion of the medical scope. The recess may be adapted to allow the extended portion of the film to be applied to the distal portion of the medical scope when the distal portion is placed into the recess with the portion of the film located therebetween.



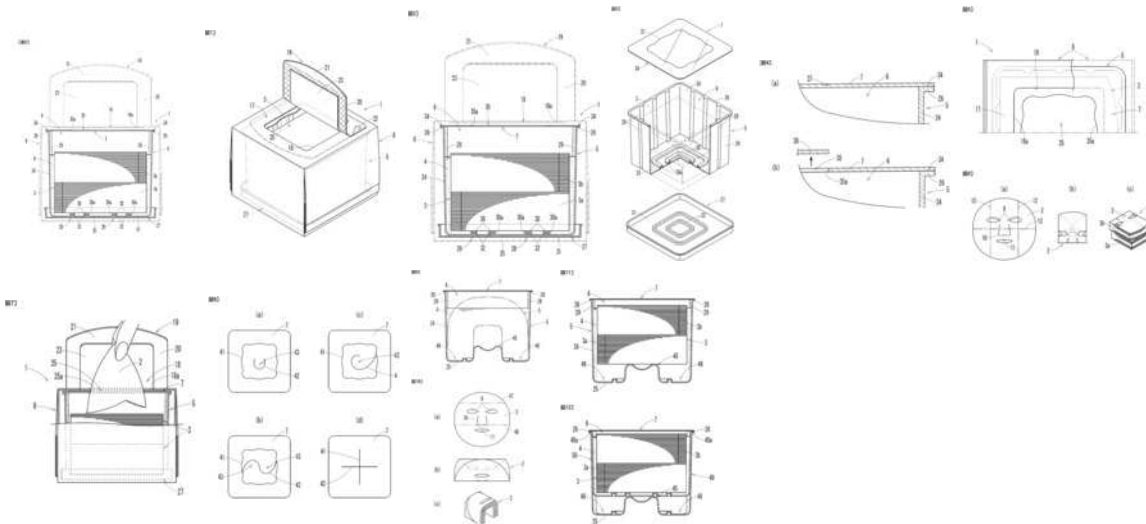
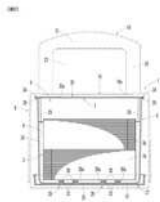
42. Disinfecting wipes flex pack closure US20180160868 2016-12-08 CLOROX® 2018-06-14 2018-06-14

The present invention is directed to a flex pack wipes dispensers for dispensing wipes. An exemplary wipes dispenser may include a flexible container body having an opening through which the wipes are dispensed. A plurality of wipes (e.g., a stack) is contained in the flexible container body. A closure is provided over the opening through the flexible container body, configured to allow a user to selectively open and close access to the opening. The closure may include a perimeter flange sealed to the flexible container body, a base defined within the flange which initially covers the opening in the flexible container body, and a tear-away orifice covering in the base. A shape of the covering includes a perimeter following a pathway that includes a portion forming an angle that is greater than 90° relative to a direction of pull used to tear the covering from the base.



43. Wet sheet packaging body JP2017145022 2016-02-16 GLIDE ENTR® 2017-08-24 2017-08-24

The invention makes it possible for an outer withdrawal outlet to be opened and closed easily using a sealing sheet, regardless of whether the remaining quantity of wet sheets is great or small, and also makes it possible to prevent impregnated liquid from spilling out even if the wet sheet packaging body falls over, for example, thereby facilitating handling. A wet sheet packaging body 1 in which a stack 3 of wet sheets 2 impregnated with an impregnated liquid 4 is accommodated in an outer packaging bag 8 provided on an upper surface side thereof with an outer withdrawal outlet 18 which can be opened and closed by means of a sealing sheet 19, is provided with an inner container 5 which is shape-retentive and accommodates the stack 3 and the impregnated liquid 4, and is also provided with an inside sheet 7 which hermetically seals an opening portion 6 of the inner container 5 and which is provided with a fracturing portion 37 capable of forming an inner withdrawal outlet 35 corresponding to the outer withdrawal outlet 18. The entire perimeter of the inside sheet 7 is affixed to an outer peripheral edge 26 at the outside of the opening portion 6 of the inner container 5.

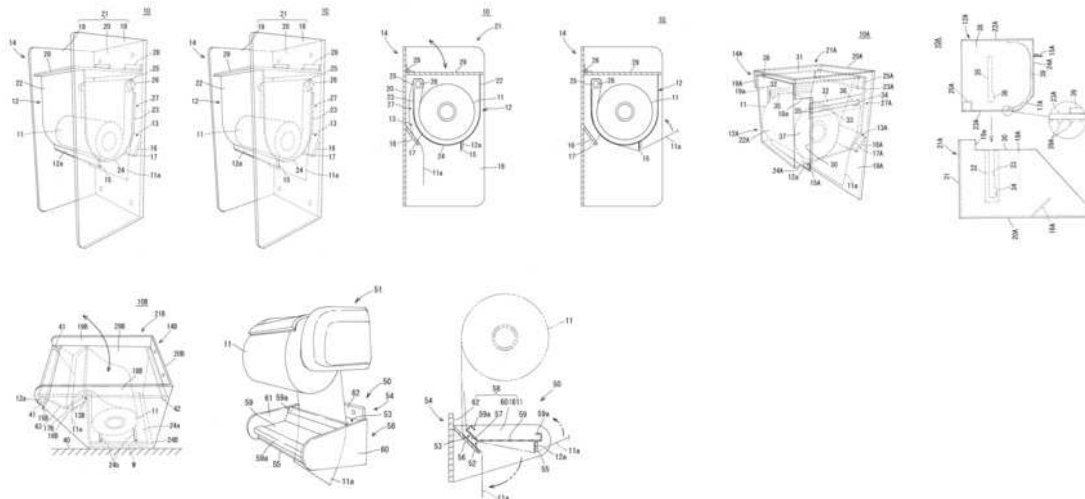
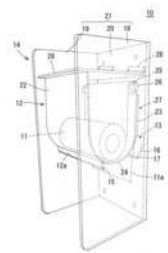


44. Roll sheet holder or auxiliary holder for the same JP5988343

2016-02-29

2016-09-07 2016-09-07

PROBLEM TO BE SOLVED: To provide a roll sheet holder or an auxiliary holder for the same in which a sheet tip drawn out of a roll sheet can be cut with one hand simply and sanitarily. **SOLUTION:** A roll sheet holder includes: a roll storage part 12 for placing and storing toilet paper 11 in an inner space; a holder body 14 having an outlet 13 of a sheet tip 11a; a cutter 15 provided at a portion spaced apart from the outlet 13 of the holder body 14; a hanging support member 16 provided in the holder body 14, and supporting the sheet tip 11a newly appearing by cutting a sheet; and a sheet friction abutment part 17 provided between the outlet 13 and the cutter 15, and imparting the tension force to the sheet tip 11a by that the vicinity of the sheet tip 11a is pressed in a face contact state or a line contact state in the cutting of the sheet. **SELECTED DRAWING:** Figure 1



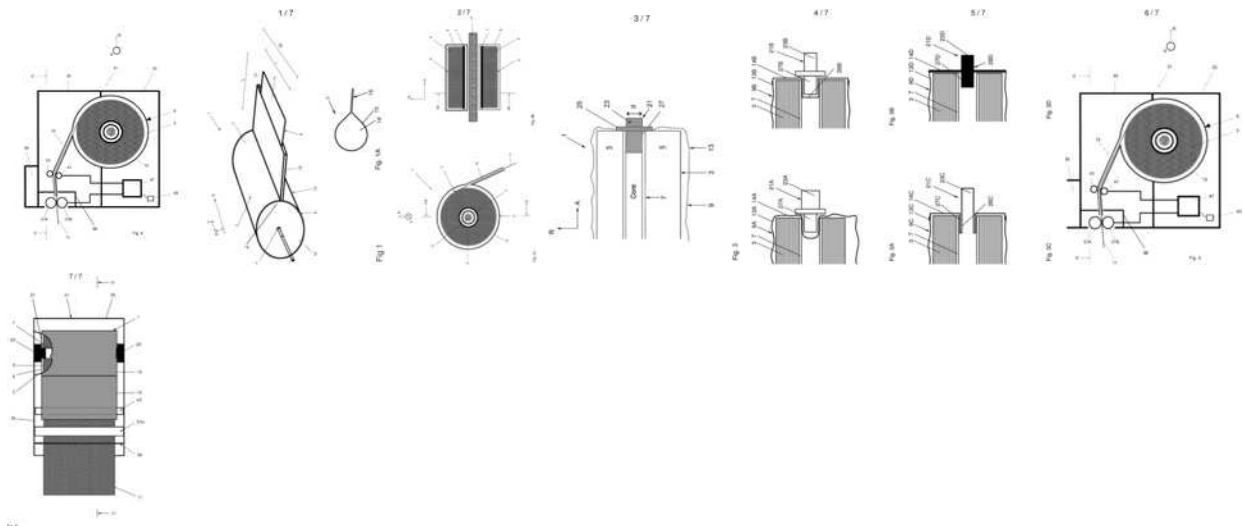
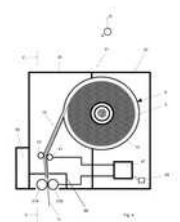
45. System for storing and dispensing wipes NL2018287

2017-02-01

SAVE INSIGHT*

2017-08-04 2017-08-04

An assembly comprises a roll (3) of wipe material (5), providing a peripheral free end (11) extending from the roll (3), and a dispenser (31) having a rigid housing (33, 35) with a dispensing mouthpiece (36) for dispensing successive sections from the free end (11) of the wipe material. The assembly comprises an envelope (9) within the housing, the roll (3) being rotary arranged within the envelope (9). The envelope (9) comprises a first portion (13) enclosing the roll (3) and a discharge tunnel (15). The discharge tunnel (15) extends from the first portion (13) and provides an enclosed channel for the free end (11) between the roll (3) and the mouthpiece (36).



46. Roll paper holder

JP2018143736

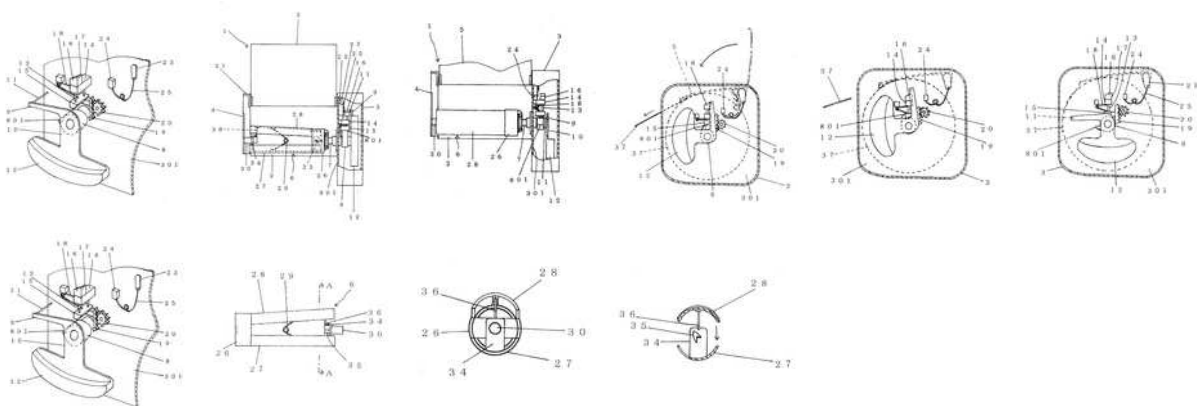
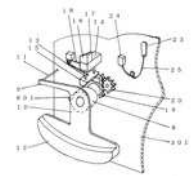
2017-03-08

KUSUMOTO YOSHIO

2018-09-20

2018-09-20

PROBLEM TO BE SOLVED: Cover 5 without manually touching, the roll paper 37 automatically rotate is turned, the next use of the tab cover body 5 unwound from the roll paper holder to the front **edge** is provided. SOLUTION: Proximal end to the axis of rotation of the cam plate 8, guide pin 11 and weight 12 which is attached to rotate together. A plate cam 8 outermost protruding **edge** 801 the follower shaft 13 is raised, the guide pin with the locking wall 17 guide pin 11 a locked condition and to be extended in the paper. The weight is released from the pull-out paper 12 axis of rotation of the proximal end under gravity 7 is rotated towards the front, the amount of rotation of the paper is fed out. SELECTED DRAWING: Fig. 6



47. Elastomeric holder

WO2017049339

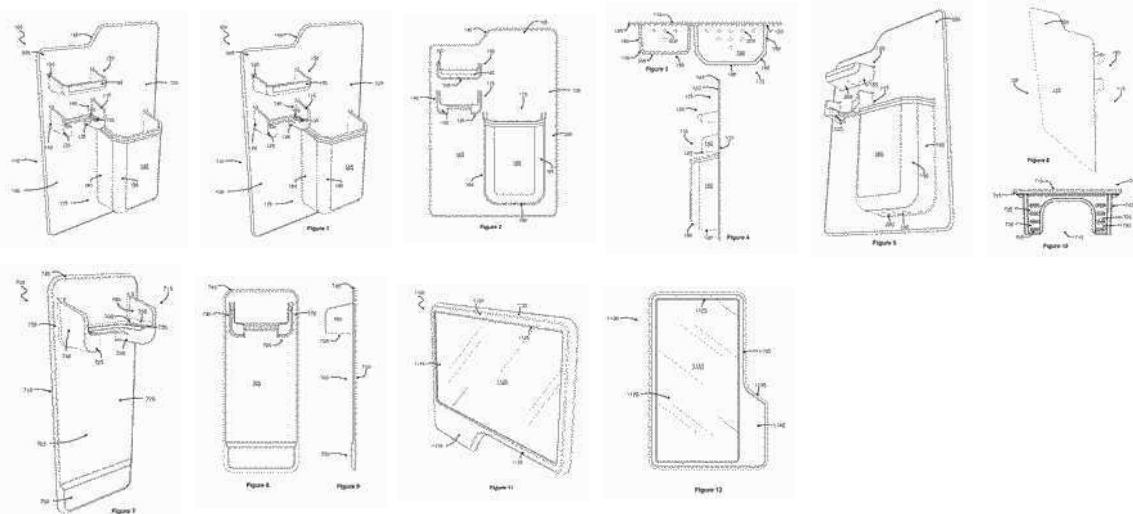
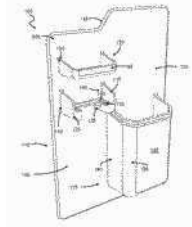
2016-07-12

TOOLETRIES*

2017-03-30

2017-03-30

Elastomeric holders in the form of toiletry holders, mirrors holders, shower caddies and make-up holders are provided. The holders comprise a body, having a substantially planar rear surface, configured to releasably adhere to a vertical surface without the use of adhesives, and a retainer, for retaining an item and formed at least in part by the body, such that a front surface of the body forms a peripheral **edge** around the retainer.



48. [Fallback prevent 8](#)

GB201707509

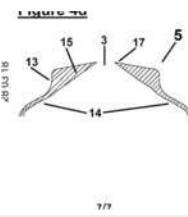
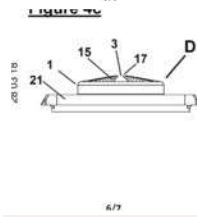
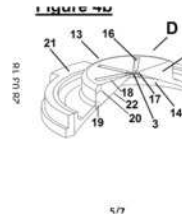
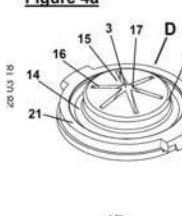
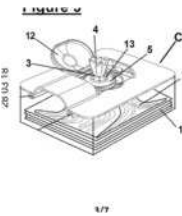
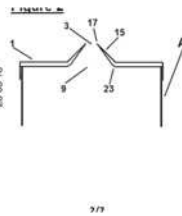
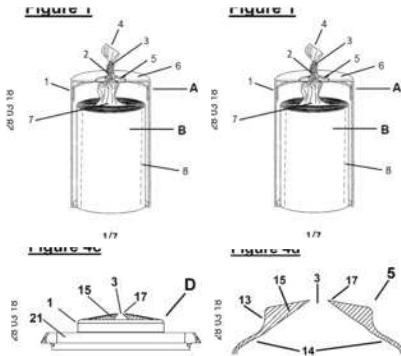
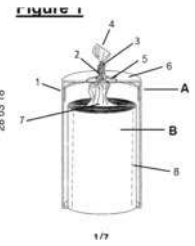
2017-05-10

GORDON MICHAEL JOHN*
MICHAEL JOHN GORDON

2017-06-21

2017-06-21

An annular or broadly conical nozzle D for a packet/container of wipes/wet wipes/tissues/towels having at least one set of rigid inflexible spikes or projections 15 on its inner surface, pointing towards the centre of the opening. The shape and **angle** of the spikes may guide the wipe towards the gaps 16 between the spikes, exposing the perforated parts of the wipes to the pointed end of the spikes, effectively sealing the opening to prevent the contents from drying out.



49. [Roll paper winding device and roll paper holder utilizing the same](#)

JP2017109095

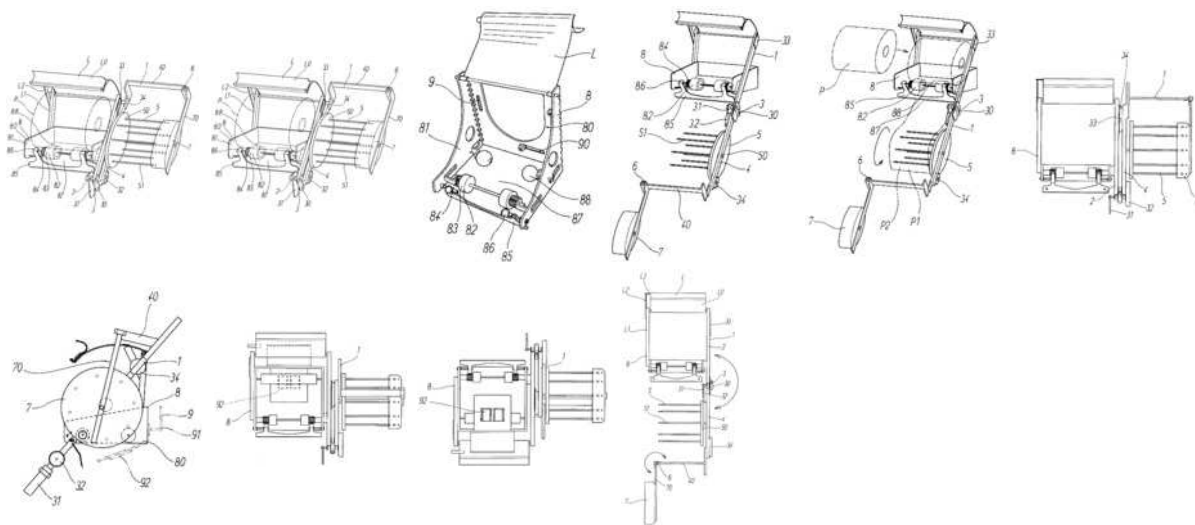
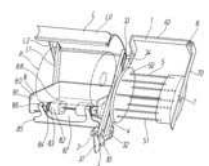
2016-12-13

Masahiro Itagaki

2017-06-22

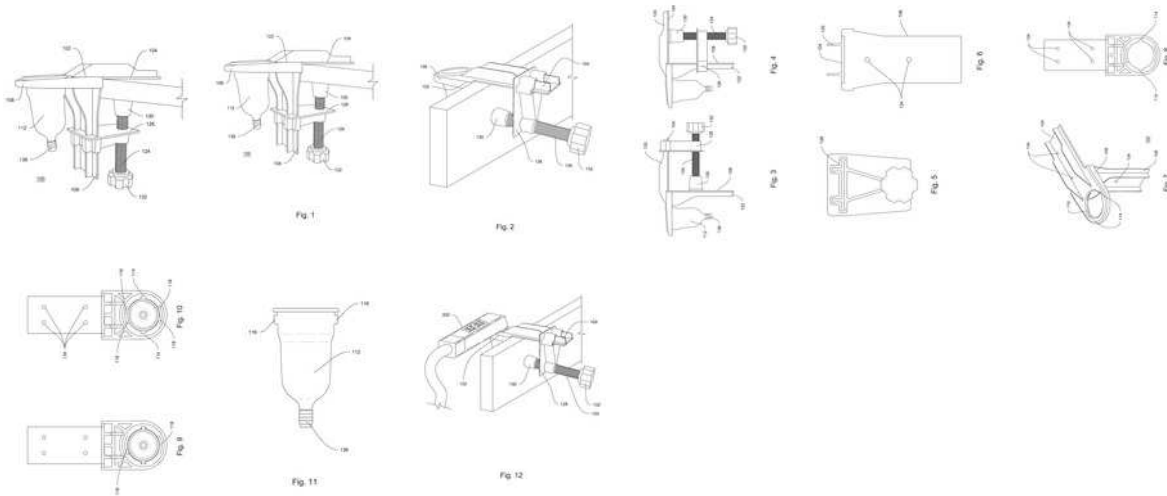
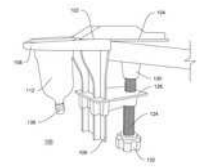
2017-06-22

PROBLEM TO BE SOLVED: To provide a roll holder technique not requiring any drive source such as a motor, capable of winding an object roll paper easily with one hand, simplified, reducing a size and weight, and enhancing durability significantly. SOLUTION: A folding mechanism 3 is arranged by connecting a main arm 4 so as to be expanded to a front lower part and folded at a fixing part 2 integrated with a side part of a roll paper holder 8 via a joint 30 and arranging an expansion fixing part 31 near the joint 30 of the fixing part 2, a storage fixed part 33 at a proper position of the fixing part 2, an expansion fixing part 32 near the joint 30 of the main arm 4, and a storage fixing part 34 at a proper position of the main arm 4. A winding wheel 5 including a winding frame 51 pivotally attached so as to be rotated around a shaft center parallelly facing the object roll paper P at a proper interval in an expanded posture of the main arm 4 is arranged at an intermediate position corresponding to a feed-out range of the roll paper holder 8 in the expanded posture of the main arm 4 in a roll paper winding device 1. SELECTED DRAWING: Figure 1



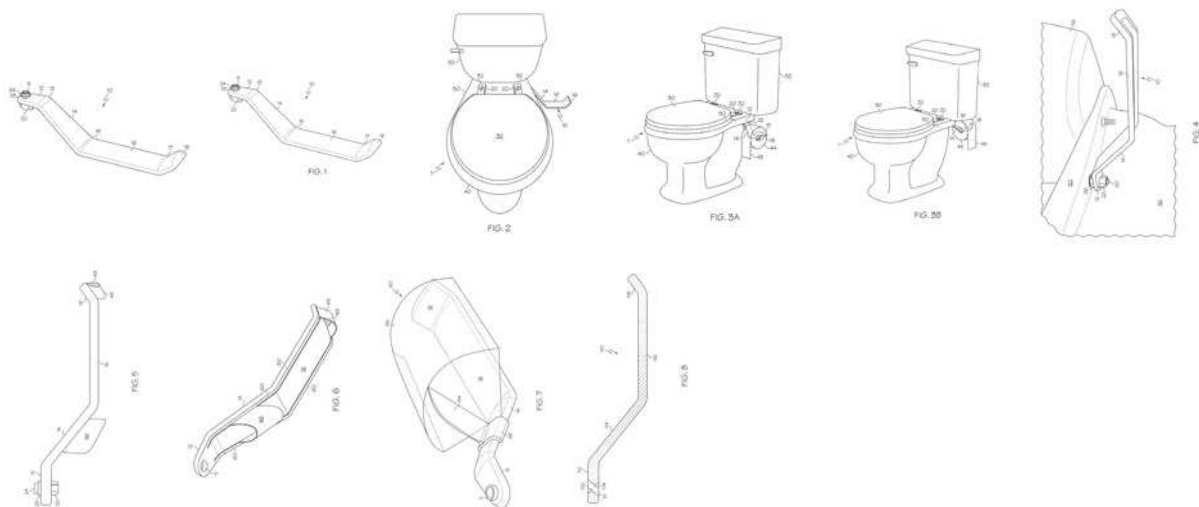
50. Adjustable soda dispenser holding device and method US20160318751 2016-05-02 SALEM MOHAMED 2016-11-03 2016-11-03

An adjustable soda dispenser holding device for securing a soda dispenser to an object including a frame, where the frame includes a horizontal elongated member for abutting a top of the object, a vertical elongated member being connected to the horizontal elongated member and abutting a side of the object, a platform having an inside rim, the inside rim surrounding an opening formed in the platform, and a drip cup for catching drips from a soda dispenser, the drip cup being supported by the inside rim and being rotatable relative to the platform. A method of using an adjustable soda dispenser holding device, including inserting a drip cup into an inside rim surrounding an opening formed in a platform of a frame, where the frame includes a horizontal elongated member and vertical elongated member, and rotating the drip cup relative to the platform.



51. Toilet paper dispenser US20170360265 2016-06-17 HANDY TISSUE* 2017-12-21 2017-12-21

A toilet paper dispenser is disclosed in which the dispenser does not need to be mounted to the wall or placed on the floor. The dispenser is typically made of a one-piece construction that installs easily to any existing toilet by way of the mounting bolt for the toilet seat. The toilet paper dispenser adjustably rotates between an extended position alongside the toilet seat and a storage position behind the toilet seat and under the toilet tank. The inventive toilet paper dispenser can receive any size roll of toilet paper, and loads by sliding the roll over the open end of the dispenser. A modified bolt hole can allow the dispenser to be installed and secured in place on the mounting bolt without the need of a retaining nut.



52. Roll paper holder

JP2018038639

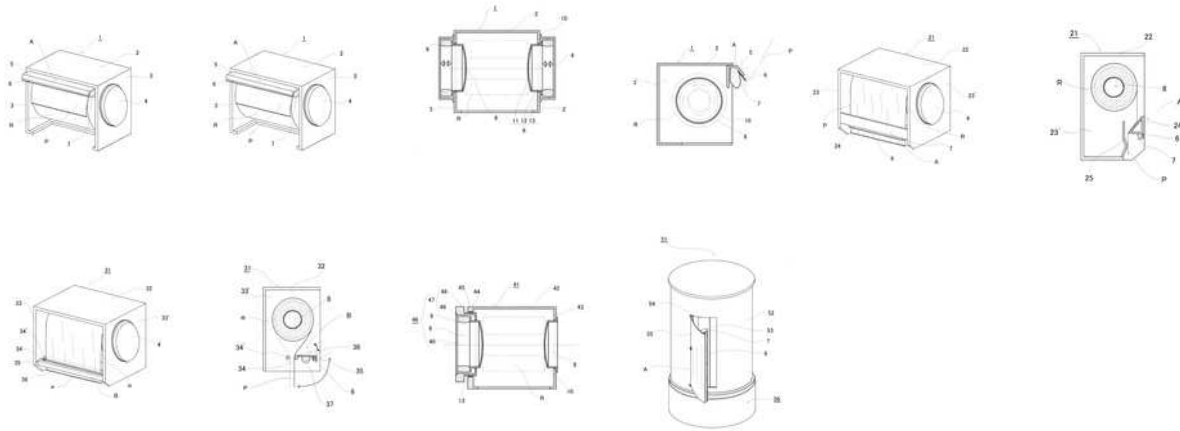
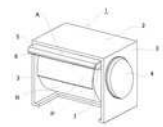
2016-09-08

KINOSHITA YOSHIO

2018-03-15

2018-03-15

PROBLEM TO BE SOLVED: To provide a roll paper holder which makes stable attaching/detaching/holding of the roll body or drawing and cutting of the paper possible by one hand and which prevents the cut end of the paper from sticking to the blade. **SOLUTION:** The inexpensive and stable roll body holder is formed by retractably holding a large-diameter supporting/bearing body which is projectingly installed opposite to a pair of left and right supporting side bodies that is the lateral wall of the holder body, and which accompanies an energizing pressing force inward. On the reverse face of the cutting blade, there are provided side by side an elastically deforming elastic projection member and an elastic projection member using elastically deforming friction member. With the restoration force and the oscillation plate of the elastic projection member which is deformed by pressure by the tension of the drawn-out paper, using the vertically oscillating action by the tension of the paper and the self-weight by the oscillation plate, a cutting device is formed in which the cut end of the paper is made to break away that sticks to the blade after the paper is cut. **SELECTED DRAWING:** Figure 1



53. Thing device is put in bathing

CN207101194

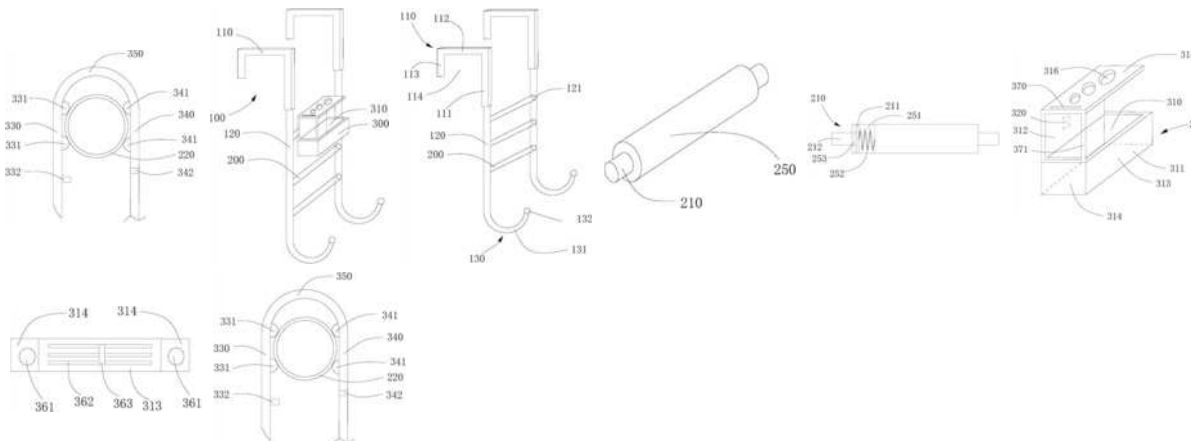
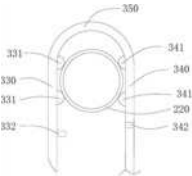
2016-12-20

HE SHUFANG

2018-03-16

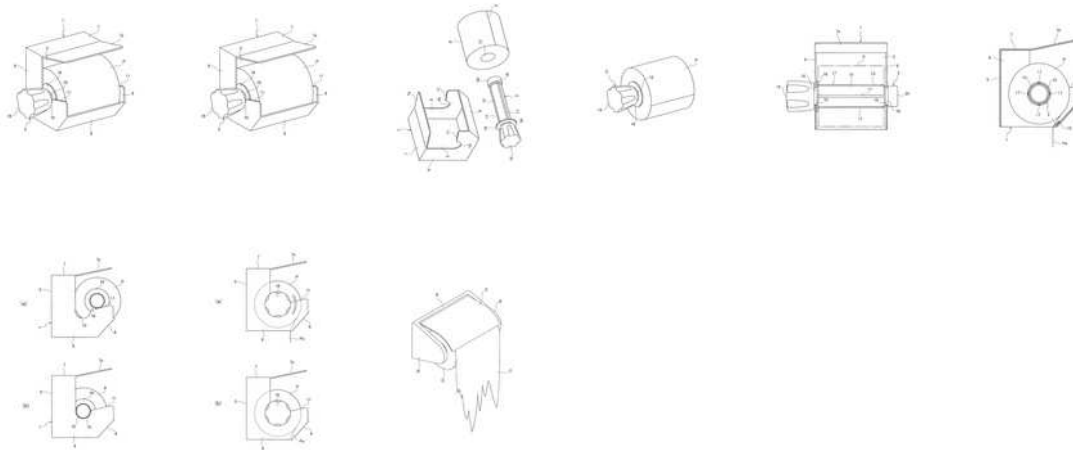
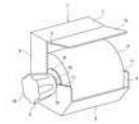
2018-03-16

The utility model relates to a thing device is put in bathing, this thing device is put in bathing include mobile jib, horizontal pole and put the thing groove. The mobile jib is including the fixed cover body and mobile jib body, the fixed cover body is including the fixed plate, diaphragm and riser, the diaphragm, fixed plate and riser formation holding position, the holding position is used for holding the crossbeam of door, the mobile jib body is provided with a plurality of spacing holes, the horizontal pole is provided with connecting piece and horizontal pole body, it is provided with the accommodation space that is used for holding the bathroom articles for use to put the thing groove, it is provided with the bottom plate to put the thing groove, the width direction both ends extension of putting thing groove edge bottom plate is provided with backplate and front bezel, it is provided with the curb plate to put the length direction who follows the bottom plate in the thing groove, the backplate still is provided with and is located bottom plate top and has default distance's roof with the bottom plate, a plurality of first holes of placing have been set up to the roof. Above -mentioned thing device is put in bathing, the accommodation space can hold multiple bathroom articles for use to, through setting up the first hole of placing, the bathroom articles for use lean on in the first hole of placing, consequently are difficult for emptying this thing device is put in bathing simple structure, facilitate promotion.



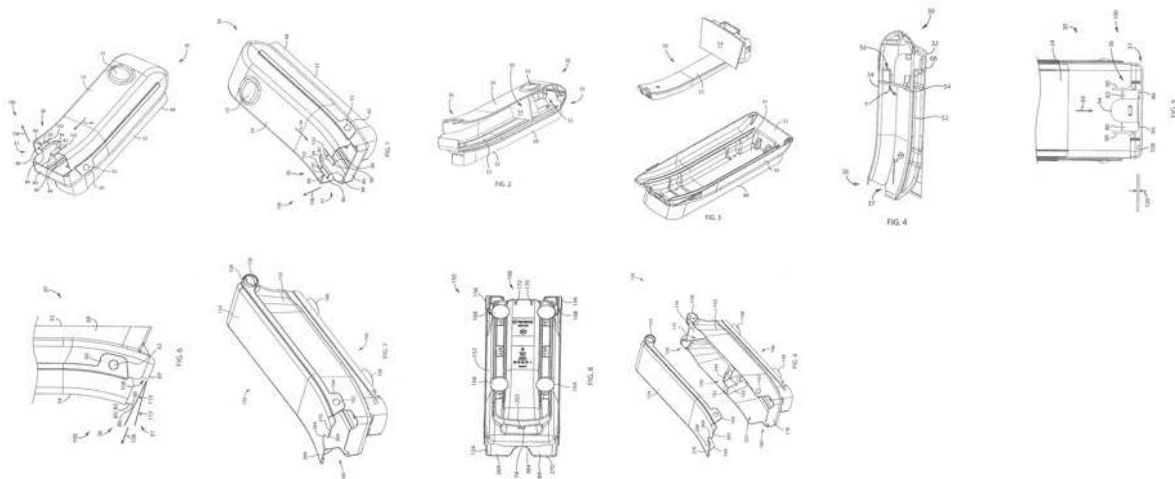
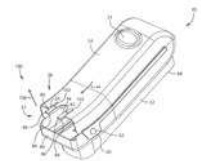
54. Paper holder JP2018064854 2016-10-21 Yasoe Kazuo 2018-04-26 2018-04-26

PROBLEM TO BE SOLVED: To provide a paper holder that can solve unpleasantness of paper holding down from the front of the paper holder.SOLUTION: The paper holder is used by placing in a holder body 1 a roll holding member 2 loaded with roll paper P. The holder body 1 is provided with a pair of side holding members 6, 6 which are installed with a prescribed space apart laterally and a front cover member 8 which is installed between the front edges of the side holding members. In the side holding members, there are formed bearing parts 10, 10 which are recessed so as to make the upper part opened and, in the lower edge of the front cover member, there is formed a paper cutting part 12. In addition, the roll holding member includes: a core holding part 15 which is formed in a laterally long rod shape and which holds a core material by being inserted into the hollow core material of roll paper; bearing/support parts 16, 16 which are installed in both ends of the core holding part and which are abutted on the bearing parts of the side holding members; and a knob part 19 which is provided in the end of one of the bearing parts.SELECTED DRAWING: Figure 1



55. Cup sleeve dispenser US20160236852 2016-02-18 CARLISLE FOODSERVICE PRODUCTS SAN JAMAR® 2016-08-18 2016-08-18

A dispenser (30, 30') for sequentially dispensing a plurality of collapsed cup insulator sleeves in manner that facilitates separation between adjacent collapsed cup insulator sleeves during each extraction or dispensing event. The dispenser includes a housing (32, 32') that defines a discharge opening (37, 37') that is constructed to accommodate dispensing of the collapsed cup sleeves from the dispenser in a singular and sequential manner and a manner that facilitates presentation of a subsequent single cup sleeve associated with a respective end of a stack of cup sleeves for subsequent removal of the respective cup sleeve from the dispenser.



56. Durable absorbent wiper

WO2018045041

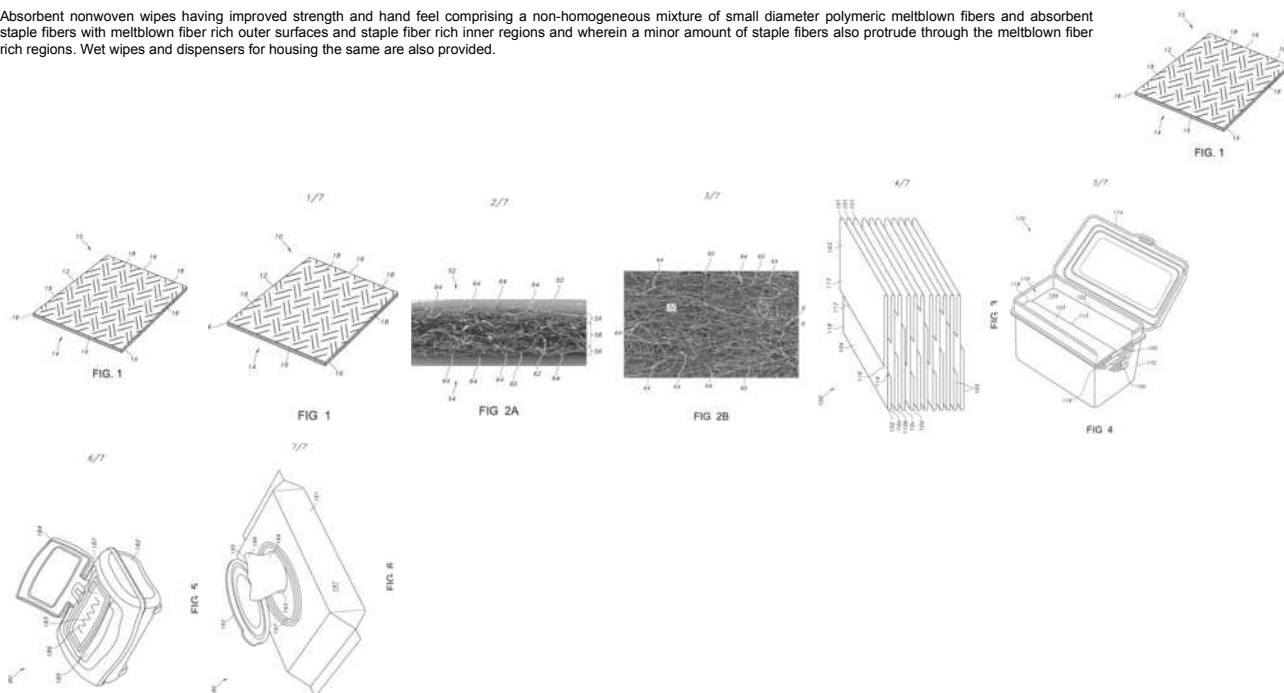
2017-08-30

KIMBERLY CLARK*

2018-03-08

2018-03-08

Absorbent nonwoven wipes having improved strength and hand feel comprising a non-homogeneous mixture of small diameter polymeric meltblown fibers and absorbent staple fibers with meltblown fiber rich outer surfaces and staple fiber rich inner regions and wherein a minor amount of staple fibers also protrude through the meltblown fiber rich regions. Wet wipes and dispensers for housing the same are also provided.



57.

Personal care article with sanitary shield

WO2018063179

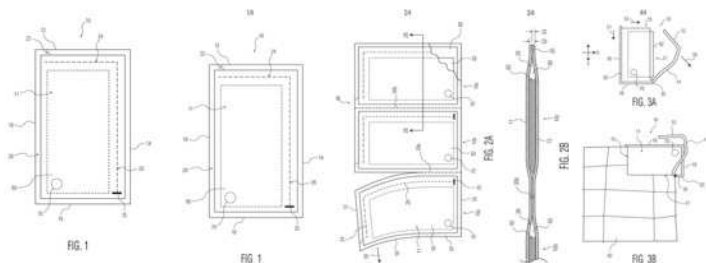
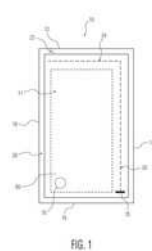
2016-09-28

KIMBERLY CLARK*

2018-04-05

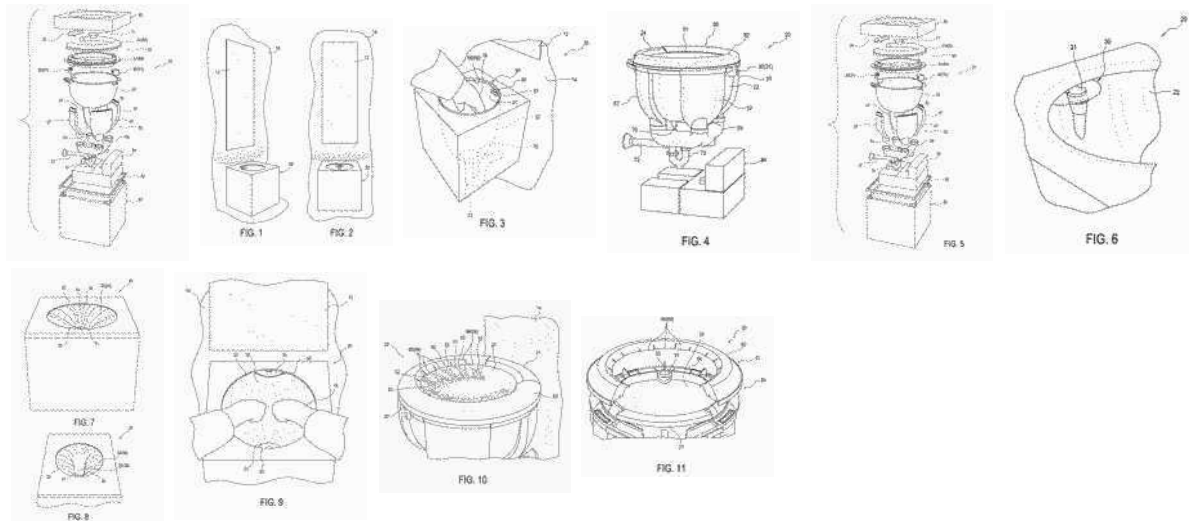
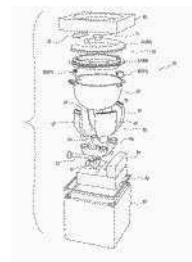
2018-04-05

Disclosed is a package for personal care articles where the article is attached to the package and may be retained by the package during use and for disposal. The package comprises a front and a back wall bonded together in bonded regions, the bonded regions at least partially surrounding a compartment portion. A personal care article is disposed within the compartment and attached thereto. The article is dispensed by opening the package along two of its dimensions by using a first tear guide extending along a first axis and a second tear guide extending along a second axis. Upon opening the package along two of its dimensions, the article may be dispensed, but remains attached to the package in-use.



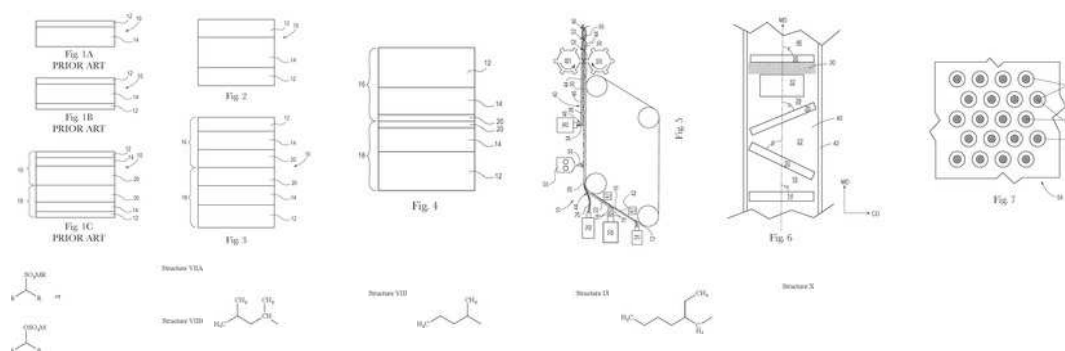
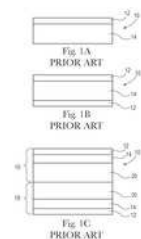
58. Handwashing station US20180251964 2018-03-01 KOHLER* 2018-09-06 2018-09-06

A handwashing station that includes a basin, a liquid dispensing system, and an air dispensing system. The liquid dispensing system is configured to dispense a liquid into the basin to wash a user's hands. The air dispensing system configured to dispense air into the basin to dry the user's hands. The user can wet, wash, rinse, and dry their hands from within the basin.



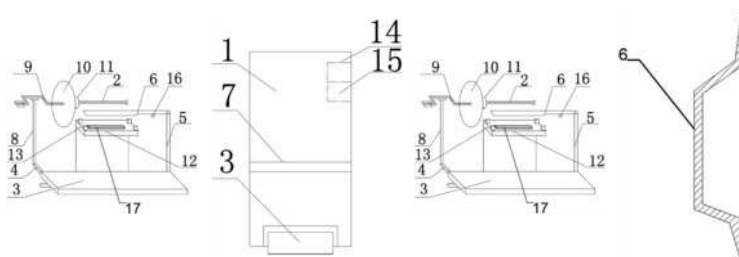
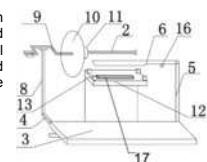
59. Layered fibrous structures and methods for making same US20170007079 2016-07-06 PROCTER & GAMBLE* 2017-01-12 2017-01-12

Layered fibrous structures and more particularly to layered fibrous structures containing a plurality of hydroxyl polymer filaments present in at least one exterior layer of the layered fibrous structure at a level greater than the level of hydroxyl polymer filaments present in known layered fibrous structures and methods for making such layered fibrous structures are provided.



60. Automatic paper outlet device of kitchen stock form that cutter intensity is high CN206596991 2016-08-31 FUJIAN GIANT ANG ELECTRONIC TECHNOLOGY* 2017-10-31 2017-10-31

The utility model relates to an automatic paper outlet device of kitchen stock form that cutter intensity is high includes and puts the carton, it transversely is equipped with rotatory core in the carton to put, it is equipped with the running -board to put the carton lower part, the running -board rear side is equipped with first connecting rod and second connecting rod, first connecting rod and running -board parallel arrangement, first connecting rod is connected to rotatory core through drive mechanism, the vertical setting of second connecting rod is connected to the cutter, the exit slot department of putting the carton is located to the cutter. The utility model discloses well user only need step on the running -board, and first connecting rod passes through drive mechanism and drives rotatory core rotation, emits an amount of paper handkerchief, sets up the cutter body part into concave shape, by force the intensity of cutter body to can reduce the thickness of cutter body material.



61. Roll paper holder

JP2018038573

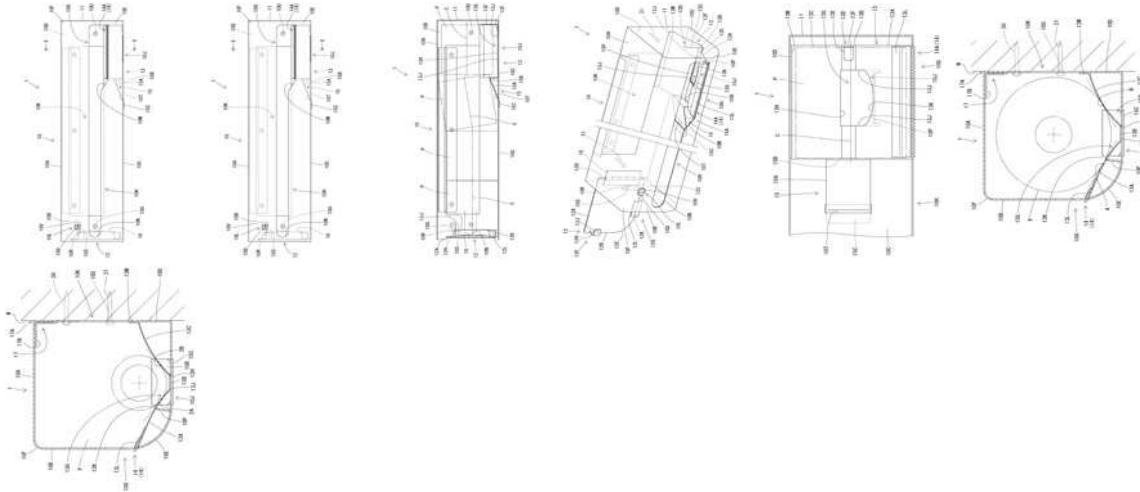
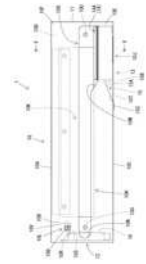
2016-09-07

LIXIL*

2018-03-15

2018-03-15

PROBLEM TO BE SOLVED: To provide a roll paper holder having good usability.SOLUTION: A roll paper holder 1 comprises a cover part 10 that covers the top, bottom, and front of roll paper P housed with a central axis C made horizontal. The cover part 10 is provided with draw-out port 10G from which the roll paper P is drawn out, and a first opening 10J opened below the roll paper P.SELECTED DRAWING: Figure 1



62. Container for accommodating hygienic thin paper

JP6198877

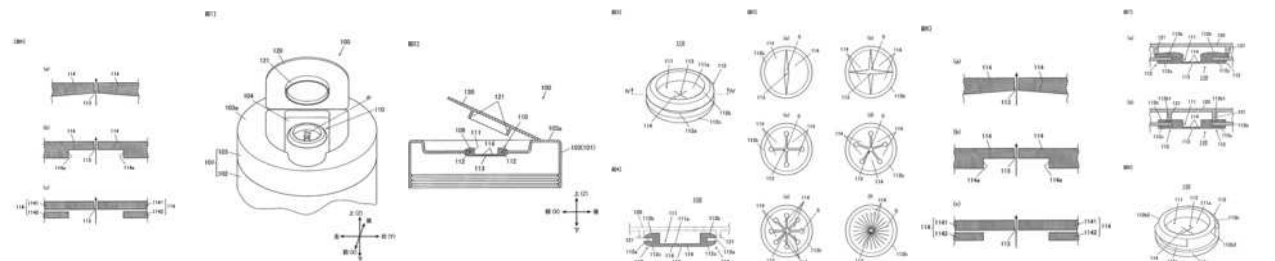
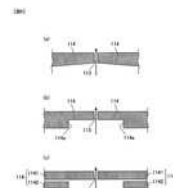
2016-03-30

DAIO SEISHI*
JAPAN ABSORBENT TECHNOLOGY
INSTITUTE

2017-09-20

2017-09-20

A container for accommodating hygienic thin paper is provided with: a container main body equipped with a removal part; and a lid attached to the container main body so as to be capable of opening and closing the removal part. The removal part is provided with: an engaging section for engaging the removal part with the container main body; and a flat plate having one or more cuts formed therein, said cuts being openings through which the hygienic thin paper passes. The flat plate comprises a plurality of elastically deformable flexible sections that are separated from each other by the one or more cuts and in which the sides thereof closer to the center of the openings serve as a tip and the sides thereof further from the center of the openings serve as a base end. The engaging section has a narrow section formed along the peripheral direction in a vertically central part of a side surface of the removal part. The edge of an attachment port in the container main body is fit into the narrow section and thereby engaged with the attachment port. The tips of the plurality of flexible sections are thinner than the base ends.



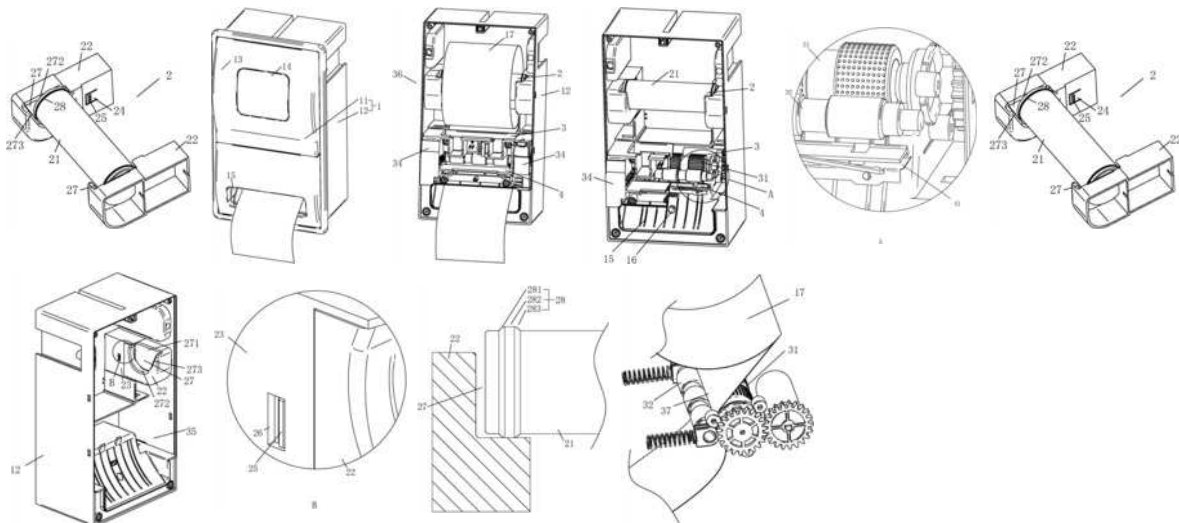
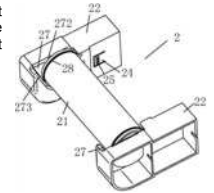
63. Pumping machine roller fixed structure CN207804160

2017-09-27

SUZHOU YIFUER ELECTRONIC*

2018-09-04	2018-09-04
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The present utility model discloses a toilet paper machine roller fixing structure, disposed inside the housing includes opposing two support portions, relative to the support portion is arranged between the rollers, each support portion is provided with a supply roller to place one end of the placing groove, extending upwardly from the opening of the receiving channel into which the roller is removed. During the replacement of the web, the web may vary with the roller upward from the opening leaves, convenient replacement of the roll paper.



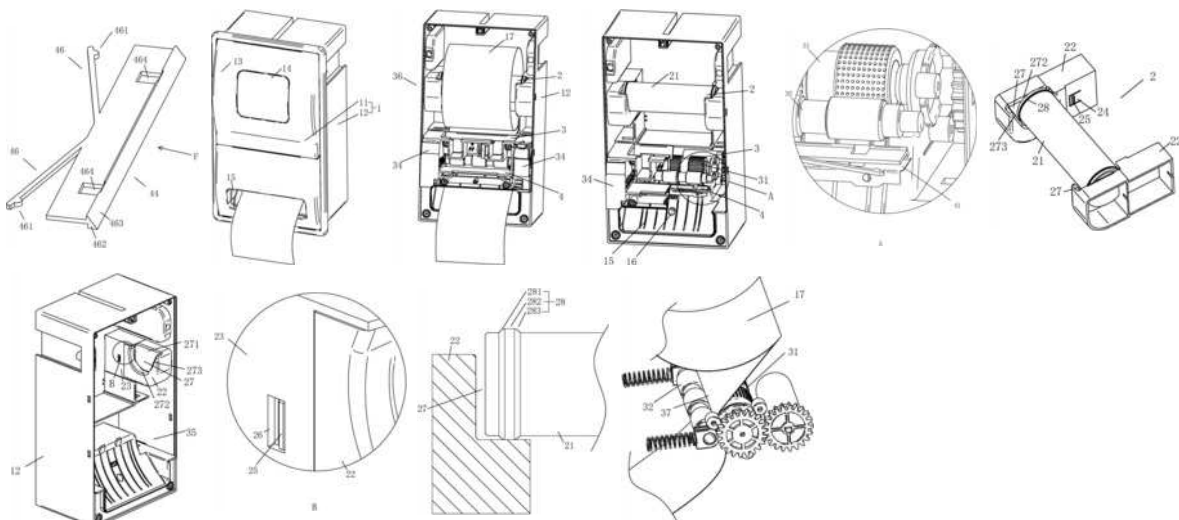
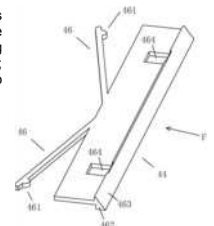
64. Toilet paper scratch paper structure anti- CN207804161

2017-09-27

SUZHOU YIFUER ELECTRONIC*

2018-09-04	2018-09-04
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The present utility model discloses a toilet paper is anti-scratch paper structure, includes a resilient member and the fender; located above the blade guard; elastic member is disposed in the apron, the elastic member in its unstressed case, protruding from the cutting surface of the blade guard; when subjected to the force of the sheet to the blade guard back, compressing the resilient member, the guard is moved, the cutting knife cutting surface protrudes from the plate. The cutting blade guard is located at the cutting face of the outer, contact only with the sheet of paper, a cutting face contact with the blade not, so as to prevent the cutting face of the paper surface creation scraping blade; the sheet is cut off as required, to the horizontal direction to pull sheets, the sheet is moved, and expose the blade cutting surface, the cutting blade to cut the paper into contact with the cutting face of the sheet.



65. Decorative and/or functional part for installation in a corner or a recess, for example, of an at least partly tiled room EP3257413 2016-06-15 FIEDLER KARL HEINZ* 2017-12-20 2017-12-20

Decorative - and/or functional the invention (1; 1') for installation in a corner (100) or recess, such as an at least partially tiled space. The decorative - and/or functional part (1; 1') is at least two parts and has a panel (2; 2') having at least a flat outside (5) and an end panel (2; 2') directly or indirectly tethered profile (3), with a material (4) portion of the flat side (5) of the surface portion (2; 2') protruding part and a decorative side (7) or decorative side (7) forms. The invention further relates to a corner (100) portion or a recess of a room - and/or functional decorative type (1; 1').

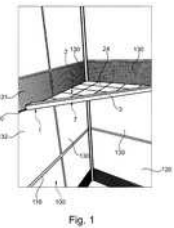
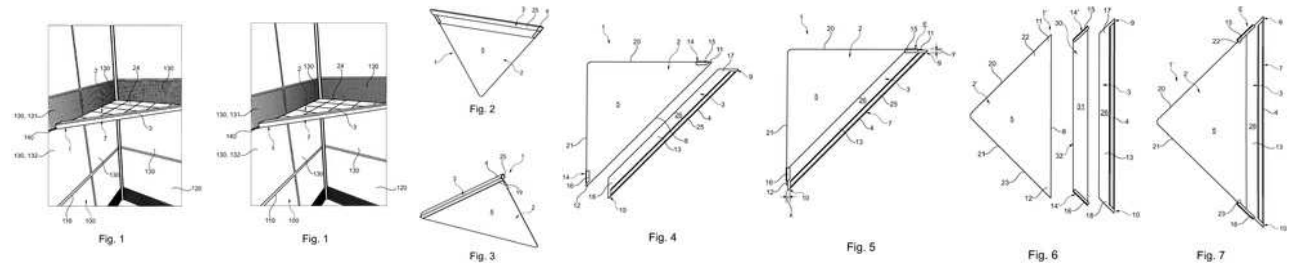


Fig. 1



66. Decorative - and/or functional part for installation in a corner or a recess, for example an at least partly tiled space DE202016003734 2016-06-15 FIEDLER KARL HEINZ* 2016-09-15 2016-09-15

- and/or functional de (1; 1') for installation in a corner (100) or recess, for example a partially tiled space, comprising at least two parts, with a surface part (2; 2'), comprising at least one flat outer surface (5), and a connecting panel (2; 2') directly or indirectly attached profile (3), with a material portion (4) of the flat side of the (5) surface portion (2; 2') protruding part and a decorative side (7) or decorative side forms (7).

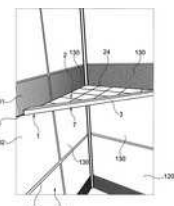
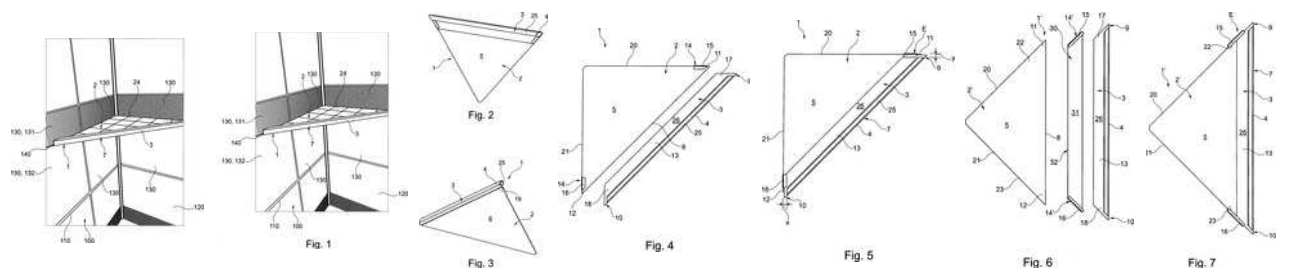


Fig. 1



67. Is used in a shower room hanging rack set CN108720686 2018-05-30 PINGHU SWEET SANITARY WARE MANUFACTORY* 2018-11-02 2018-11-02

The present invention discloses the use in a shower room hanging rack set, comprising a hanger body; hanger body upper part is a main body planar resting portion, the lower hanger body is provided with a 1st hang portion; hang portion close to the 1st of the hanger body internally provided with a positioning plate 1st, 1st detents on the alignment plate is provided with 1st, 1st detent notches in the hanger body is provided axially; 1st between the positioning plate in contact with the upper and lower hanger body. This hanging rack and the hanging rack set through the upper portion is set to be available for bathing article placed the planar rest portion, lower portion of the hanging rack set 1st hang portion, facilitating the towels, clothing and the like can be hung with a hanging portion of the article suspended from the 1st, 1st to the hanger body provided for positioning the positioning plate, and the positioning plate is provided with 1st 1st positioning groove, such that the hanging rack structure and ingenious, convenient assembly and disassembly, as compared with the conventional manner of the fixedly connected through screws or the like, to work better, is advantageous for the hanging rack can be popularized and applied on the market.

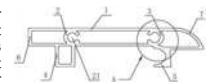
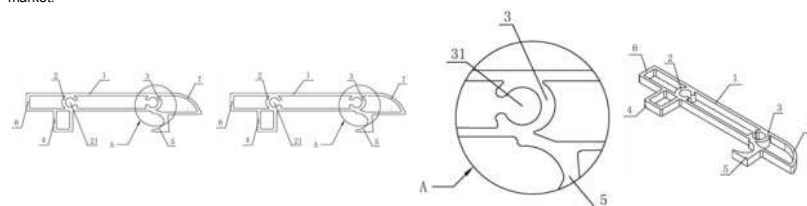


Fig. 1



68. Disinfecting wipes dispenser

US20170042395

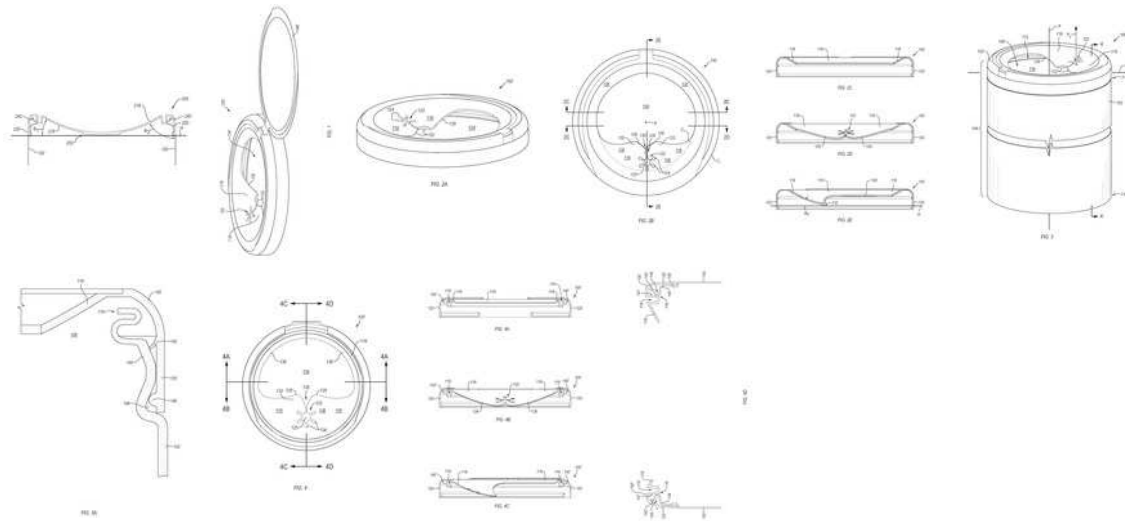
2016-10-27

CLOROX®

2017-02-16

2017-02-16

Wipes dispensers for dispensing interconnected wipes. An exemplary wipes dispenser may include a container body and a removable lid forming an interior region into which a plurality of interconnected wipes may be disposed. Pulling on a lead end of a lead wipe causes a following wipe to also be pulled and follow the lead wipe. The removable lid may cover at least a portion of the container aperture. A landing member in the lid covers at least a portion of the container aperture by extending from a top rim of the container body toward the middle of the interior region. A gripping channel may be provided through the landing member, through which the lead end of the lead wipe may be threaded. The landing member may include a concavely shaped portion. The landing member may include a **thickened** portion, e.g., surrounding the gripping channel.



69. Paper handkerchief distributor

CN207640299

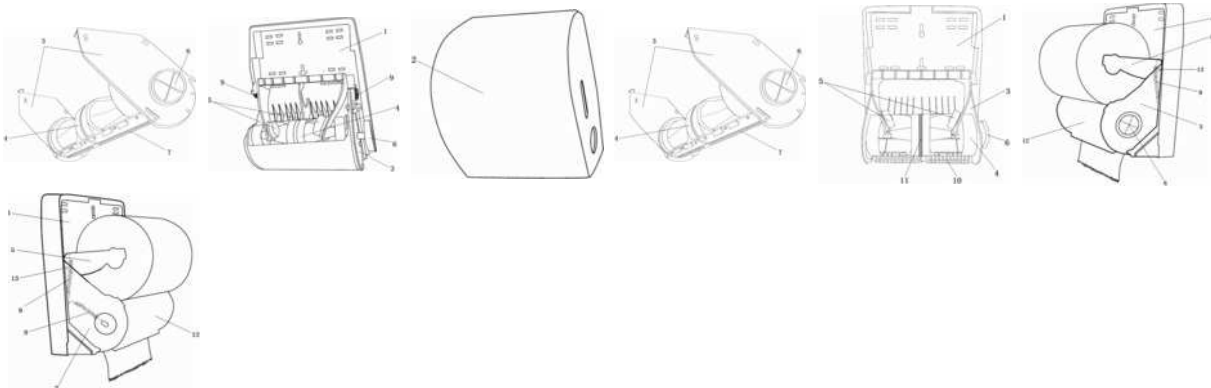
2017-07-17

ZHANG LICHENG

2018-07-24

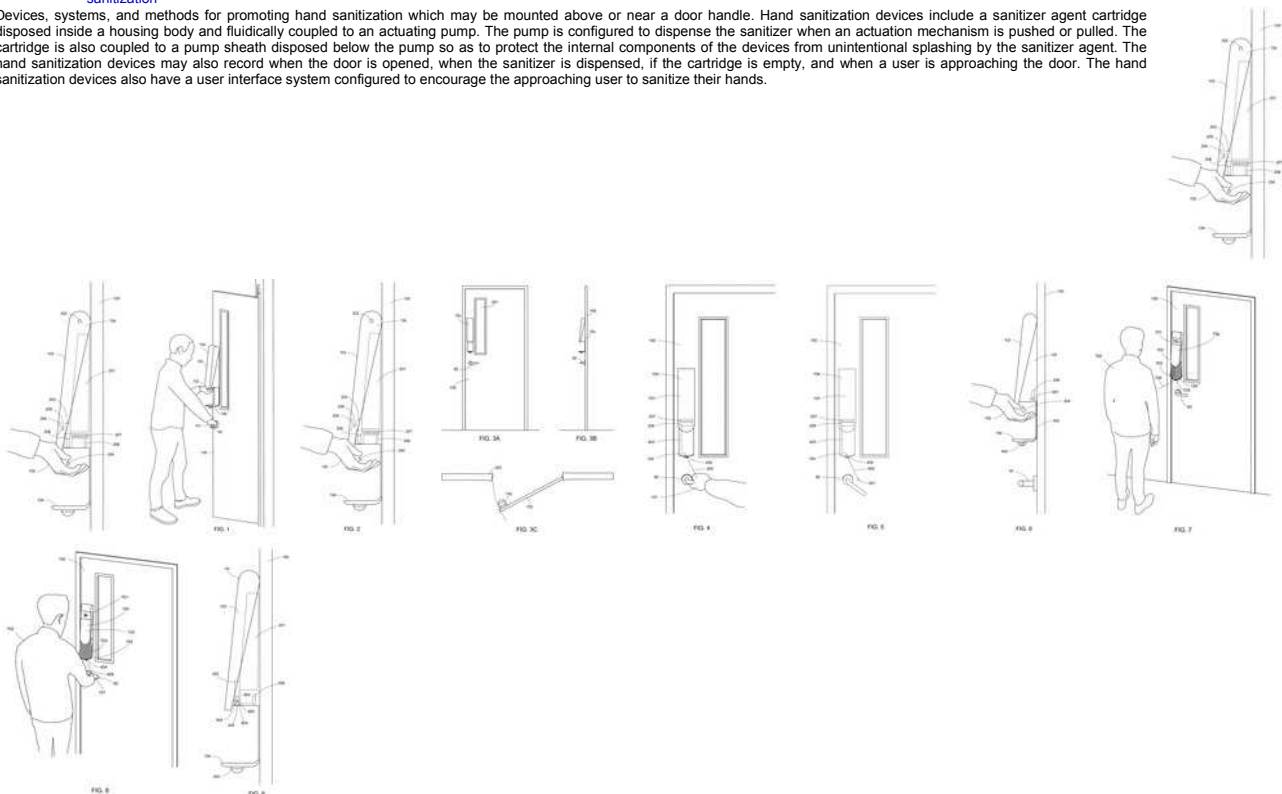
2018-07-24

The utility model provides a paper handkerchief distributor, include box body, rotatory lid fit lid on the box body, install support on the box body, install pivot on the support, install equally be used for on the support fixed stock form strutting arrangement and with the pivot rigid coupling and stretch out the operating portion outside the box body. After the lid lid fitted the box body, the clearance between lid and the box body formed the paper extraction mouth. Be equipped with cutting blade in the pivot. The utility model is simple in operation, in the time of convenient to use, can fixed length be cut out into with the paper handkerchief again, because cutting blade hides in inside, still the hand can be do not accidentally not injured.



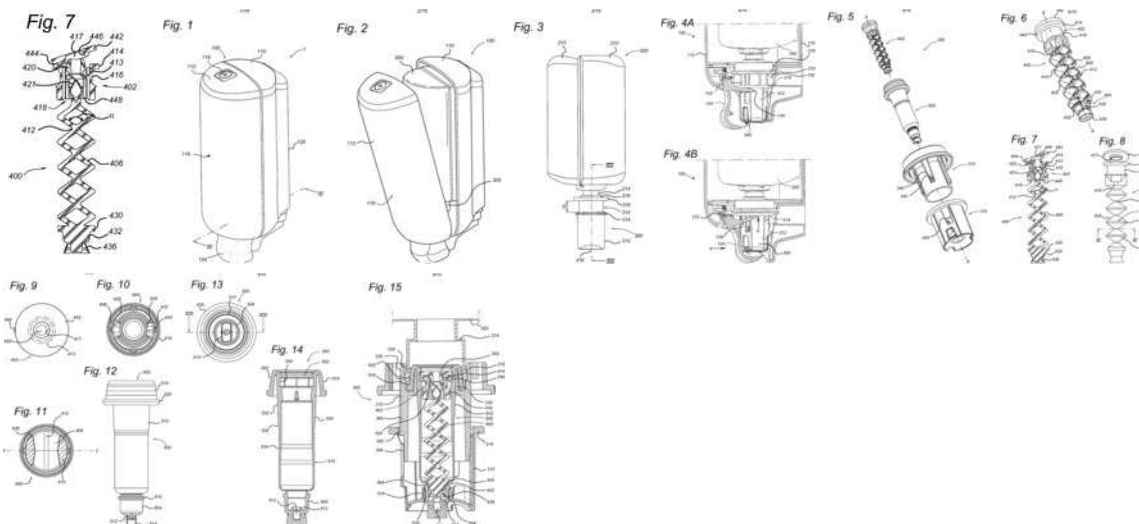
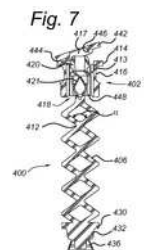
70. Method and apparatus for dispensing sanitizer fluid, opening doors, and recording data pertaining to hand sanitization US20170318964 2017-05-05 ALTITUDE MEDICAL* 2017-11-09 2017-11-09

Devices, systems, and methods for promoting hand sanitization which may be mounted above or near a door handle. Hand sanitization devices include a sanitizer agent cartridge disposed inside a housing body and fluidically coupled to an actuating pump. The pump is configured to dispense the sanitizer when an actuation mechanism is pushed or pulled. The cartridge is also coupled to a pump sheath disposed below the pump so as to protect the internal components of the devices from unintentional splashing by the sanitizer agent. The hand sanitization devices may also record when the door is opened, when the sanitizer is dispensed, if the cartridge is empty, and when a user is approaching the door. The hand sanitization devices also have a user interface system configured to encourage the approaching user to sanitize their hands.



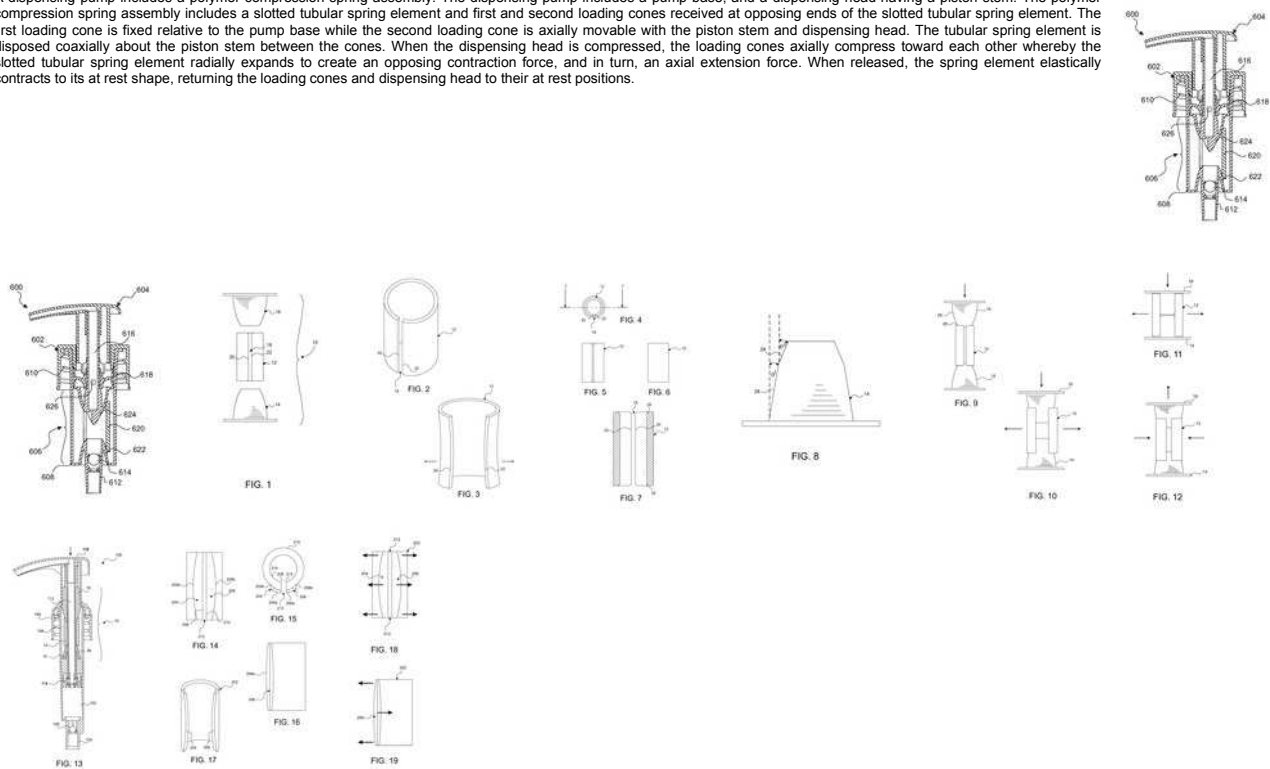
71. Plastomer spring with captive valve WO2018177519 2017-03-29 ESSITY HYGIENE & HEALTH* 2018-10-04 2018-10-04

The disclosure relates to a fluid pump including a plastomer spring with a captive valve element provided in an integrally formed valve chamber. The spring includes a first end portion and a second end portion and one or more spring sections connecting the first end portion to the second end portion, which spring sections can be compressed in the axial direction from an initial condition to a compressed condition and can subsequently expand to their initial condition. The valve chamber is formed in the first end portion.



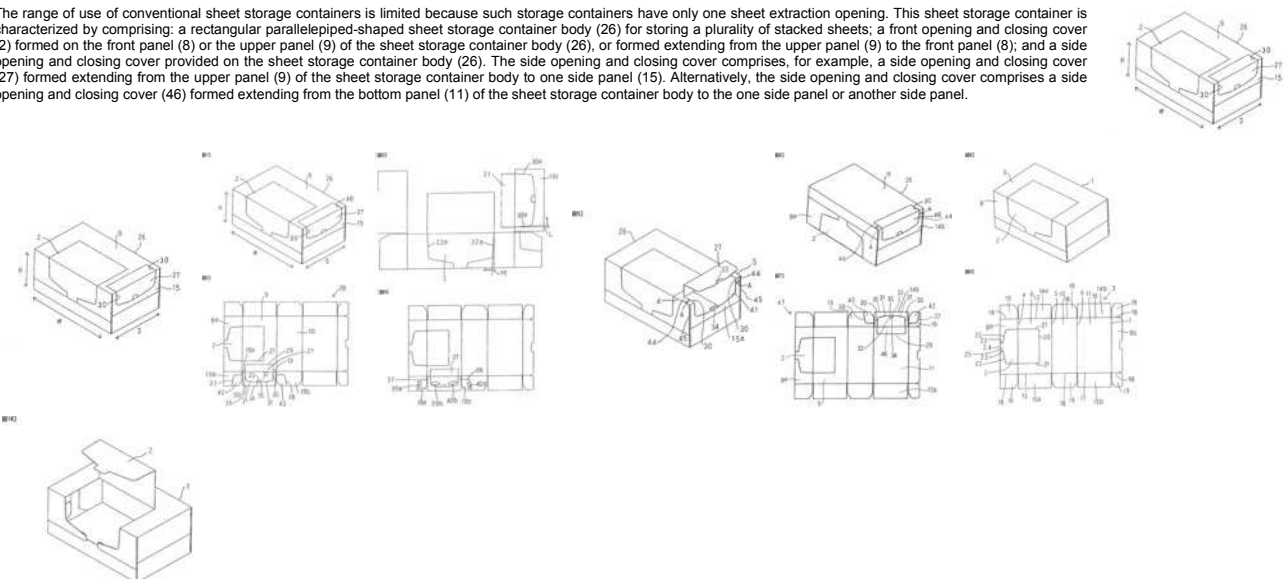
72. **Dispensing pump with polymer compression spring assembly** US10138971 2018-01-03 SILGAN DISPENSING SYSTEMS* 2018-11-27 2018-11-27

A dispensing pump includes a pump base, and a dispensing head having a piston stem. The polymer compression spring assembly includes a slotted tubular spring element and first and second loading cones received at opposing ends of the slotted tubular spring element. The first loading cone is fixed relative to the pump base while the second loading cone is axially movable with the piston stem and dispensing head. The tubular spring element is disposed coaxially about the piston stem between the cones. When the dispensing head is compressed, the loading cones axially compress toward each other whereby the slotted tubular spring element radially expands to create an opposing contraction force, and in turn, an axial extension force. When released, the spring element elastically contracts to its at rest shape, returning the loading cones and dispensing head to their at rest positions.



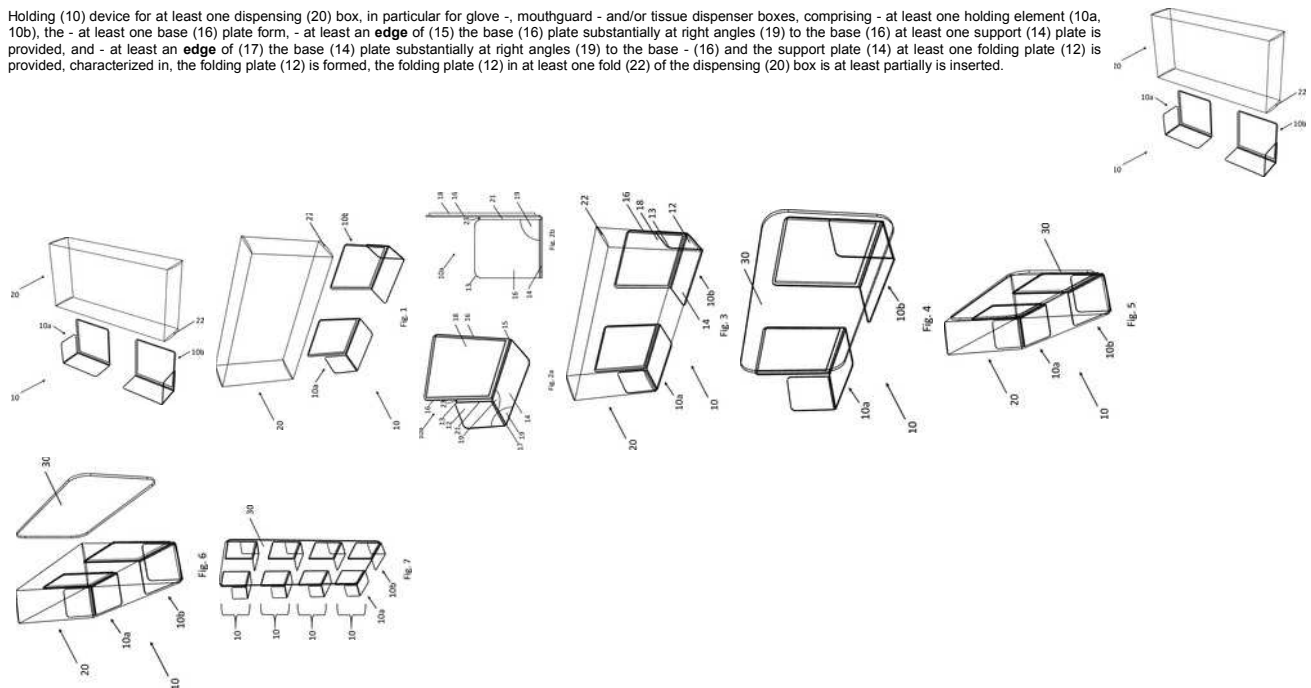
73. **Sheet storage container** WO2018074351 2017-10-13 KURARAY KURAFLEX* 2018-04-26 2018-04-26

The range of use of conventional sheet storage containers is limited because such storage containers have only one sheet extraction opening. This sheet storage container is characterized by comprising: a rectangular parallelepiped-shaped sheet storage container body (26) for storing a plurality of stacked sheets; a front opening and closing cover (2) formed on the front panel (8) or the upper panel (9) of the sheet storage container body (26), or formed extending from the upper panel (9) to the front panel (8); and a side opening and closing cover provided on the sheet storage container body (26). The side opening and closing cover comprises, for example, a side opening and closing cover (27) formed extending from the upper panel (9) of the sheet storage container body to one side panel (15). Alternatively, the side opening and closing cover comprises a side opening and closing cover (46) formed extending from the bottom panel (11) of the sheet storage container body to the one side panel or another side panel.



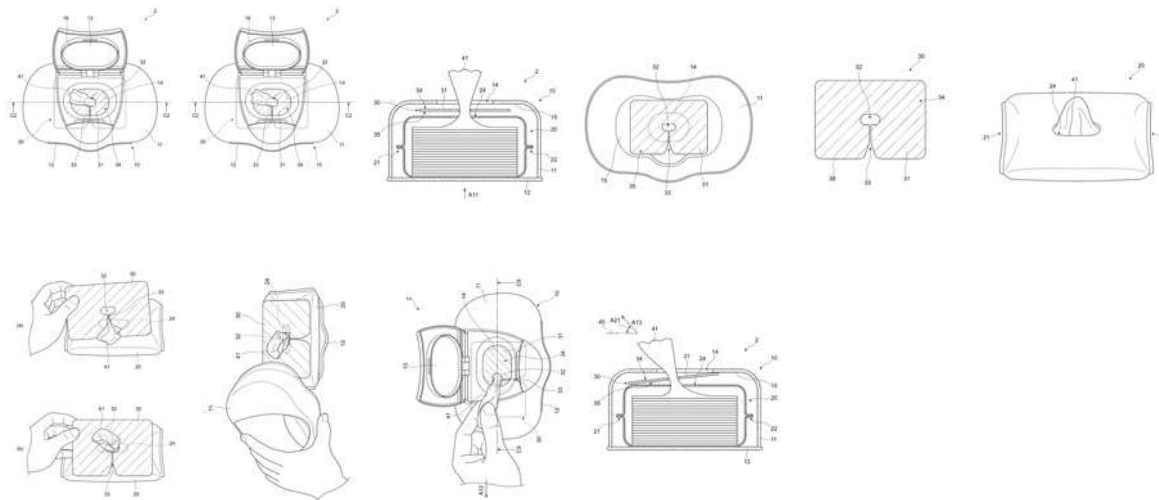
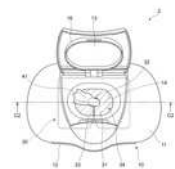
74. Holding device for a dispensing box DE202017107780 2017-12-20 HELLMUT RUCK* 2018-03-01 2018-03-01

Holding (10) device for at least one dispensing (20) box, in particular for glove -, mouthguard - and/or tissue dispenser boxes, comprising - at least one holding element (10a, 10b), the - at least one base (16) plate form, - at least an edge of (15) the base (16) plate substantially at right angles (19) to the base (16) at least one support (14) plate is provided, and - at least an edge of (17) the base (14) plate substantially at right angles (19) to the base - (16) and the support plate (14) at least one folding plate (12) is provided, characterized in, the folding plate (12) is formed, the folding plate (12) in at least one fold (22) of the dispensing (20) box is at least partially inserted.

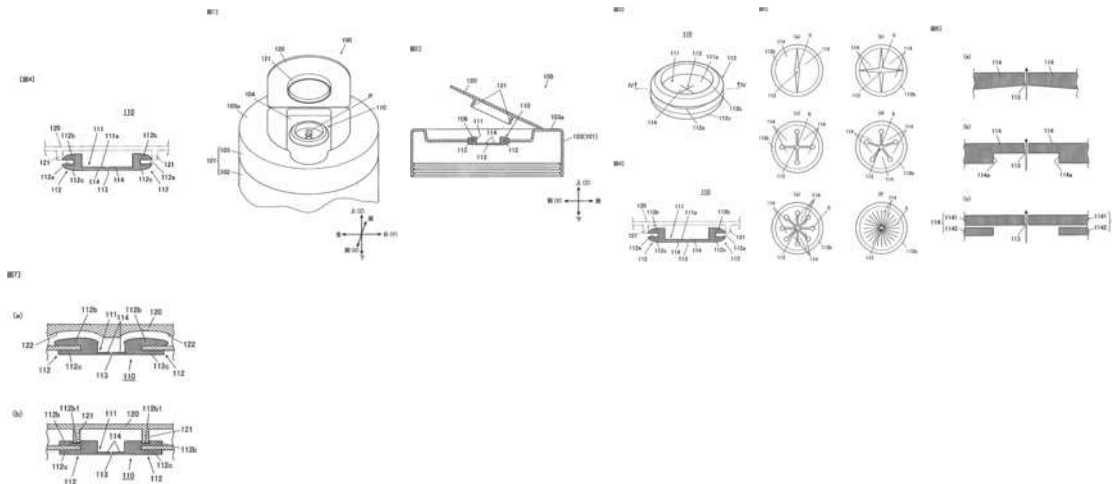
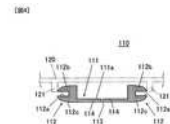


75. Plate for housing body and housing body with plate JP2018008706 2016-07-11 PIGEON* 2018-01-18 2018-01-18

PROBLEM TO BE SOLVED: To provide a plate for a housing body which can suppress so-called "zuru" or an event in which a successive wet sheet arranged below is mistakenly taken out together in taking out one wet sheet, and is easily placed by a user, and a housing body with a plate. SOLUTION: A plurality of wet sheets 41 are folded, and can be successively taken out through a take-out port 14 from a state in which a part of the wet sheet is overlapped with a part of the other wet sheet. A plate 30 for a housing body is used for a housing body 10 for housing the plurality of the wet sheets 41 configured in a manner that a successive wet sheet protrudes from the take-out port after taking out one wet sheet from the take-out port. The plate for a housing body includes a base part 31 with a main face 34 having an area larger than an opening area of the take-out port, and the base part includes a hole 32 which is provided in a central part of the base part and has an opening area smaller than the opening area of the take-out port, and a notch 33 for spatially connecting the hole and an edge part forming an outermost shape of the base part. SELECTED DRAWING: Figure 1



This container for accommodating hygienic thin paper internally accommodates perforated hygienic thin paper wrapped in a roll and is provided with: a container main body equipped with a removal part that comprises an opening through which the hygienic thin paper passes vertically so that the hygienic thin paper can be detached by the perforations therein and removed to the exterior; and a lid attached to the container main body so as to be capable of opening and closing the removal part. The removal part is provided with an engaging section for engaging the removal part with the container main body. The engaging section has a narrow section formed along the peripheral direction in a vertically central part of a side surface of the removal part. The **edge** of an attachment port in the container main body is fitted into the narrow section and thereby engaged with the attachment port. When the opening in the removal part is closed by the lid, the lid is brought into contact with the removal part so as to achieve an airtight state.



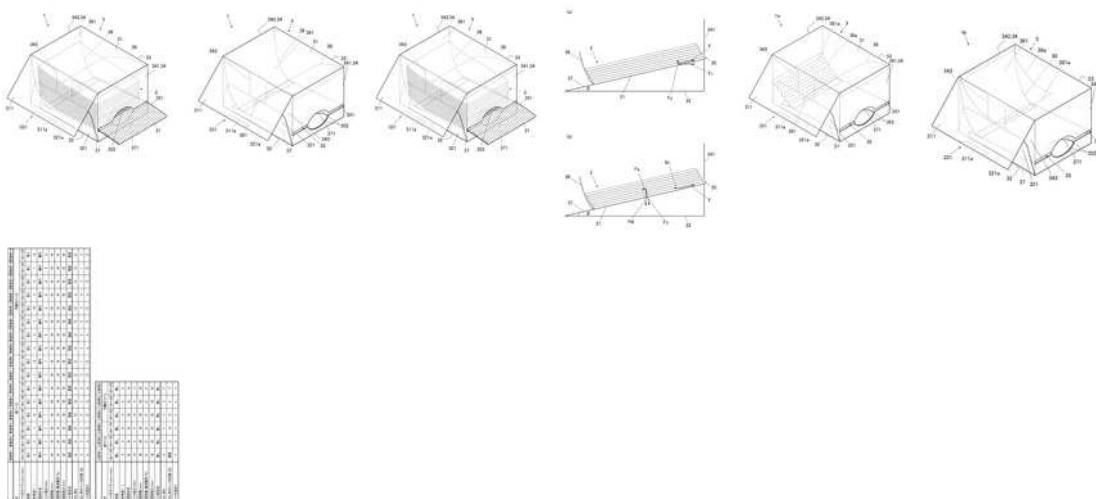
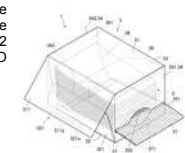
77.	Sheet dispenser	JP2017178416
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2016-03-31

DAIO SEISHI*

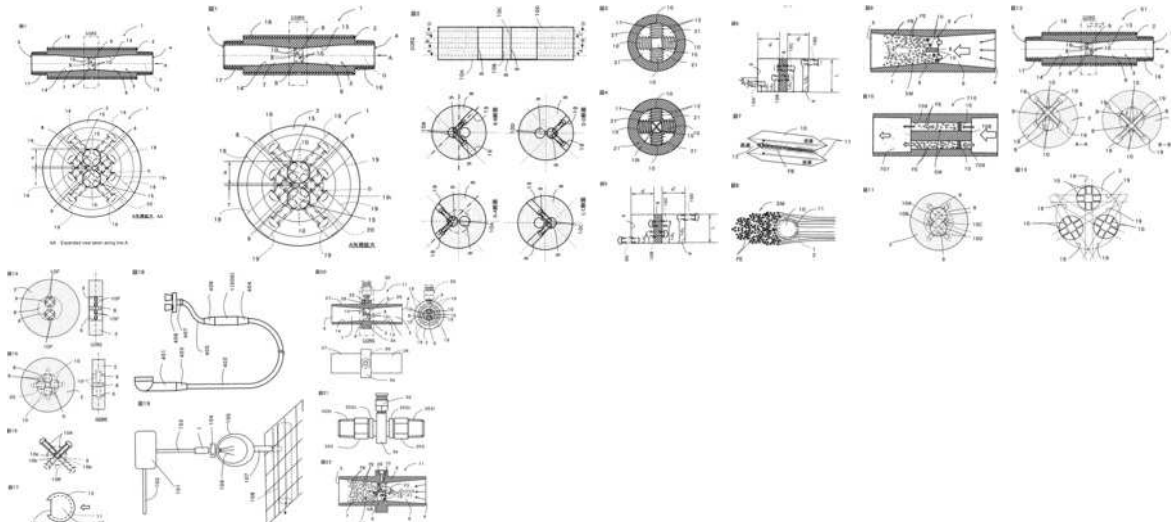
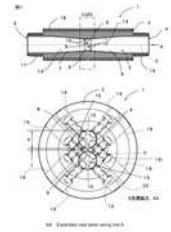
2017-10-05	2017-10-05
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PROBLEM TO BE SOLVED: To provide a sheet dispenser capable of taking out sheet materials one by one without exposing a plurality of sheet materials at a time.SOLUTION: A sheet dispenser comprises a laminate 2 formed by laminating a plurality of sheet materials and a substantially rectangular parallelepiped-shaped box body 3 accommodating the laminate 2. A first side surface portion 341 of the box body 3 has an outlet through which the accommodated sheet materials are taken outside. A bottom surface portion 32 of the box body 3 has an inclined surface 37 inclined downward toward a second side surface portion 342 facing the first side surface portion 341. The second side surface portion 342 has a guide portion 36 extending downward and approaching the side of the first side surface portion 341. The inclined surface 37 is extended from the outlet.SELECTED DRAWING: Figure 2



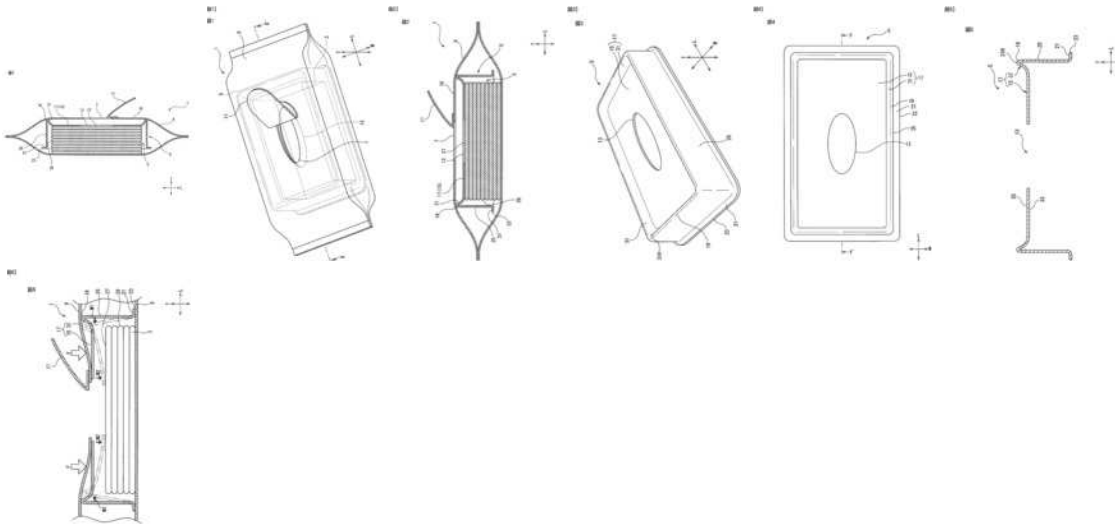
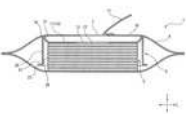
78. Liquid processing nozzle, liquid processing method using same, gas dissolution method, and gas dissolution device WO2016178436 2016-05-02 WATER DESIGN* 2016-11-10 2016-11-10

Provided is a liquid processing nozzle that eliminates the effects of biased flows, thus being able to produce an adequate cavitation effect, and, by extension, a microbubble-generating effect or gas dissolution efficiency. The liquid processing nozzle 1 is provided with: a nozzle body 2 having a liquid passage 3 formed therein; and a processing core CORE comprising a partition wall 8 that partitions the liquid passage 3 into an inflow chamber 6 on a liquid inlet 4 side and an outflow chamber 7 on a liquid outlet 5 side, a plurality of apertures 9 that are formed through the partition wall 8 and allow the inlet chamber 6 and the outlet chamber 7 to communicate with each other via separate passages, and protrusions 10 that protrude from the inner surface of the apertures 9 and are formed on the outer peripheral surface such that a plurality of ridge sections 11 and valley sections 12, which serve as high flow rate sections, alternately extend in the peripheral direction. The aspect ratio of the apertures 9, defined by L/de (where de represents the diameter of a circle equivalent to the total of the axial cross-section area of the apertures 9, and L represents the length of the apertures 9), is set to 3.5 or less; and in a projection on a plane orthogonal to the axis of the nozzle body 2, the smaller the distance T , which represents the distance from a reference point defined by the center position of the projection area of the partition wall 8 to the inner peripheral edge of the plurality of apertures, is than the inner diameter d of the apertures, the closer the apertures 9 are positioned.



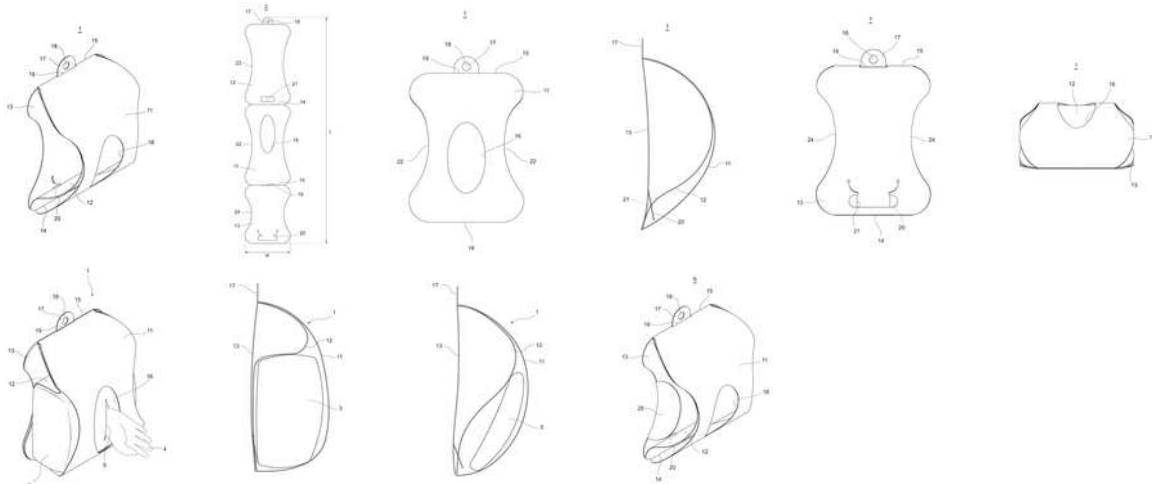
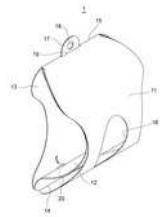
79. Packaging body WO2018105185 2016-12-09 UNICHARM* 2018-06-14 2018-06-14

The present disclosure provides a packaging body which is not readily crushed, due to resistance to deformation of a wall part of a support body, even when the remaining amount of contents is decreased, and which facilitates extraction of the contents and is less likely to experience a loss of sealing. The packaging body (1) comprises: a support body (5) which includes contents (3), a top part (17) covering an upper surface of the contents (3), and a wall part (25) covering at least a part of a side surface of the contents (3); a packaging member (9) which covers the contents (3) and the support body (5), includes a top-part facing surface (10) facing the top part (17), and has a first opening part (7) in the top-part facing surface (10) for extracting the contents (3); and a lid part (11) covering the first opening part (7) in an openable/closable manner. The top part (17) includes a second opening part (13) in a position corresponding to the first opening part (7), and a flat surface (15) at least around the second opening part (13). The wall part (25) has an upper end (19) connected to the top part (17), and a lower end (23) having a reinforcement part (21) extending outward from the wall part (25).



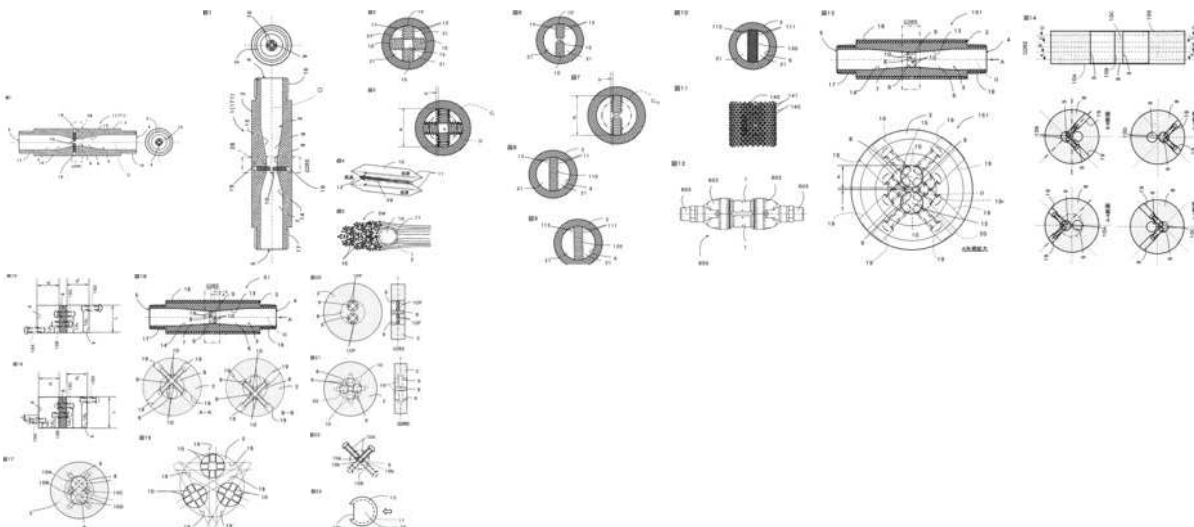
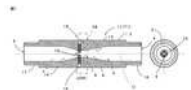
80. [Sheet of material for the holder and the holder](#) JP6380878 2018-02-22 RAYAMAPAKKU* 2018-08-29 2018-08-29

PROBLEM TO BE SOLVED: Becomes small remaining amount of consumable items even when the packaging body can be pulled out easily in one hand and the consumable holder can be provided. SOLUTION: Holder, a sheet member having elasticity is formed, the mutually parallel 1 has a pair of sides of, the consumable item has a magnitude as to extract the second aperture is formed in the 1 of the seat portion, a sheet member having elasticity is formed, the 1 on opposite sides of the first pair of sides 1 connected to the seat portion of the first 2 of the seat portion, a sheet member having elasticity is formed by, first 2 as to cover the seat portion, above 1 first pair of sides of the sides 1 or 2 connected with the first sheet portion 3 of the seat portion, above 1 to one side of the pair of sides is provided, and means for the placement of the holder, with a, second 1 and 2 in a direction orthogonal to a side of the, first 3 the length of the seat portion of the, second 1 and 2 shorter than the length of a sheet, the second 1 and 2 curved seat portion. SELECTED DRAWING: Fig. 1



81. [Liquid processing nozzle, liquid processing method using same, gas dissolution method, and gas dissolution device](#) WO2016195116 2016-06-01 WATER DESIGN* 2016-12-08 2016-12-08

Provided is a liquid processing nozzle that exhibits very efficient generation of microscopic bubbles and excellent gas dissolution capacity. The liquid processing nozzle 1 is provided with: a nozzle body 2 having a liquid passage 3 formed therein; and a processing core CORE comprising protrusions 10 that protrude from the inner surface of the liquid passage 3 and that have, formed in the circumferential direction and on the outer peripheral surface thereof, a plurality of alternating contiguous ridge sections 11 and valley sections 12, the valley sections 12 serving as high flow rate sections. The effective valley point density (Ne/St) normalized by the entire flow cross-sectional area (St) is maintained at at least 1.5 parts/mm². For the protrusions 10, the effective valley point density (Ne/St), which is the number (Ne) of effective valley points normalized by the entire flow cross-sectional area (St), is maintained at at least 1.5 parts/mm².



82. Thin paper holder

JP2018122878

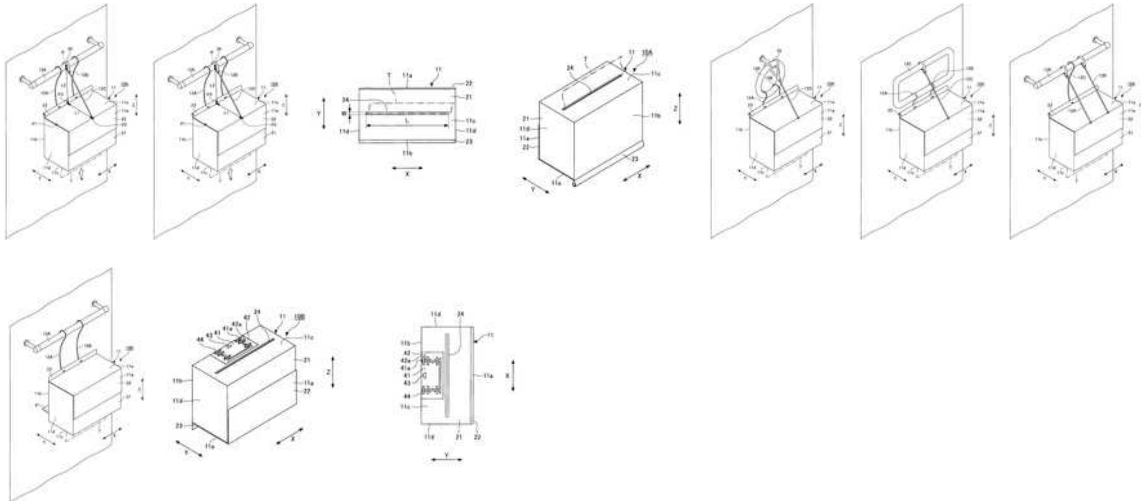
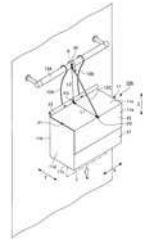
2017-01-31

DAIO SEISHI*

2018-08-09

2018-08-09

PROBLEM TO BE SOLVED: To provide a thin paper holder which allows sanitary thin paper to be easily taken out stably to the last piece. SOLUTION: A thin paper holder 10A can be mounted on a towel hanger 13A provided on a wall. The thin paper holder includes: a holder body 11 for storing a plurality of pieces of tissue paper T; an opening which is provided at a bottom surface part 11c of the holder body 11, and from which the tissue paper T stored in the holder body 11 can be taken out; and three connection parts 12A-12C detachably mounted on the towel hanger 13A, for hanging the holder body 11. Out of the three connection parts 12A-12C, two connection parts 12A and 12B are connected to a position further on a back surface part 11b side than the middle in a depth direction Y of an upper surface part 11e of the holder body 11, and the remaining connection part 12C is connected to a position further on a front surface part 11a side than the middle in the depth direction Y of the upper surface part 11e of the holder body 11. SELECTED DRAWING: Figure 1



83. Hydrogen water generating device

WO2017064967

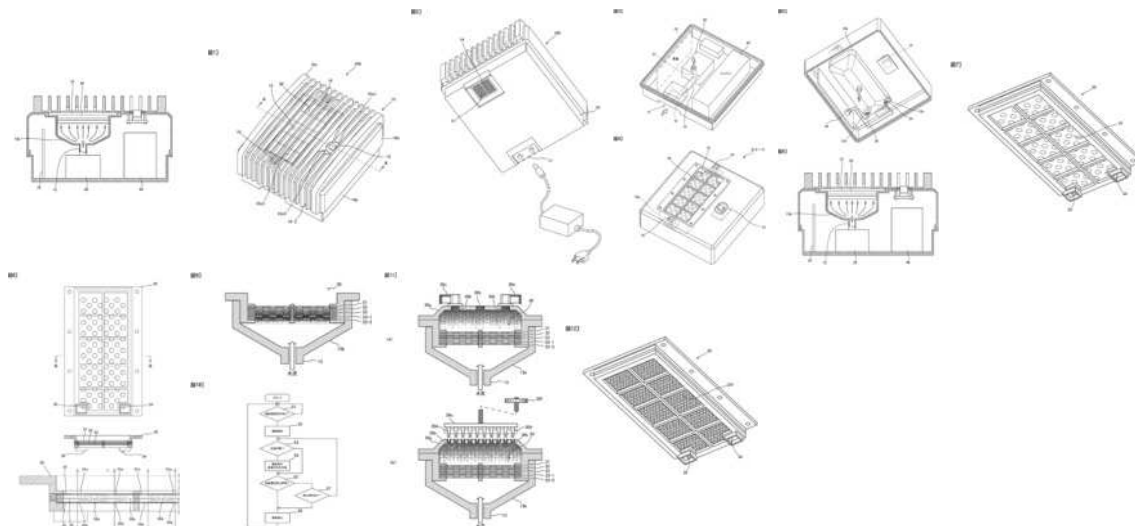
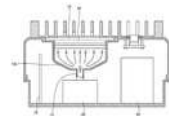
2016-08-31

HITACHI MAXELL*
MAXELL HOLDING
MAXELL HOLDINGS

2017-04-20

2017-04-20

The present invention makes it possible to improve the hydrogen concentration in water over the conventional achieved by a hydrogen water generating device used by being immersed in water. The hydrogen water generating device is characterized in that: the device is provided with a water immiscible water passage linking an inflow opening and outflow opening for water, a pump unit for generating water flow in the water passage, an electrolysis unit disposed in the water passage, and a power supply unit for supplying power to the pump unit and the electrolysis unit; the electrolysis unit has a plurality of porous electrodes disposed at fixed intervals; and the pump unit generates a water flow toward plate surfaces of the porous electrodes.



84. [Device and related compositions and methods for use in surface decontamination](#) WO2018022621 2017-07-25 KINNOS* 2018-02-01 2018-02-01

Devices are provided for applying an indicator composition and, optionally, a disinfectant composition to an article being dispensed through the device. The device includes a housing at least partially surrounding an interior volume and having a wall defining a dispensing aperture extending through the wall, a reservoir having at least one chamber sized to contain an indicator composition, and an application mechanism positioned within the housing relative to the dispensing aperture. The reservoir optionally has a second chamber sized to contain a disinfectant composition. The application mechanism is configured to be in fluid communication with the reservoir to apply an amount of the indicator composition and the optional disinfectant composition from the reservoir to an article dispensed through the dispensing aperture. Related compositions, articles, and methods are provided.

