



New connection on: : 12-09-2018 : 02:10:53 - Last disconnection on: : 11-09-2018 : 15:53:36

V 4.0.0.44358(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#(D201802)) (RPM D201802)

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[EPODOC: SS 7] ..fi EPODOC



Database: EPODOC

[EPODOC: SS 7] (clos+ or open+ or seal+ or reseal+) and (closure or tag or label or tab or stamp or cover) and (Hanky or napkin or (wet 1d wipe) or (wet_wipe) or wipe+ or towel or swab) and (packag+ or box+ or contain+ or stor+ or dispens+)

Results in EPODOC 1.909

[SS 8] ..li



1/1.909 © EPODOC / EPO

PN - [US2018235413](#) A1 20180823

PR - US201815958164
20180420; US201514684842
20150413; US201461983408P
20140423

AP - US201815958164 20180420

DT - **

CCI - [A47K10/3818](#) ; [A47K10/421](#)

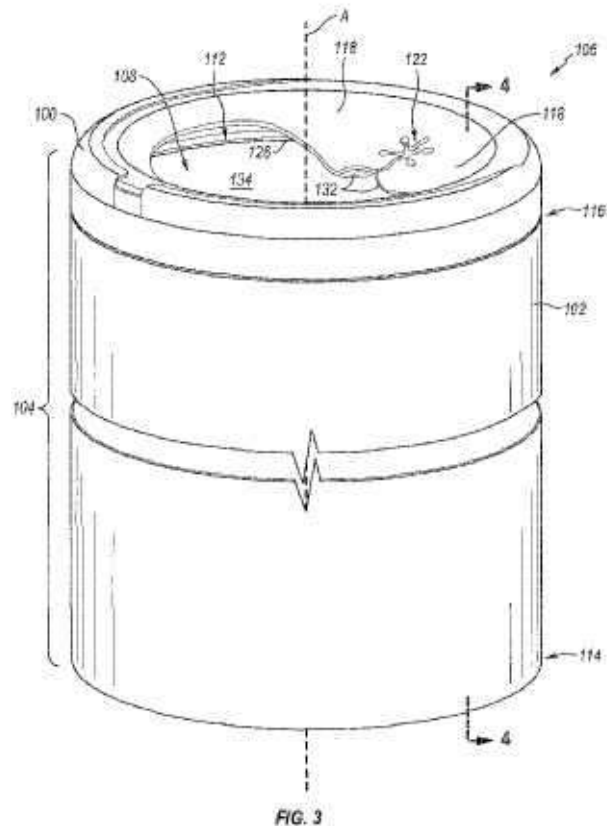
CQI - [A47K10/42](#) ; [B65D43/02](#) ;
[B65D85/62](#) ; [B65D53/00](#)

CCA - [A47K2010/3266](#)

PA - CLOROX CO [US]

TI - DISINFECTING **WIPES DISPENSER**

AB - The present invention is for **wipe 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** a portion of a **container** aperture (e.g., an **open** top of the **container** body). A landing member in the lid covers a portion of the **container** aperture by extending from a top rim of the **container** body toward the middle of the interior region. The landing member may form an angle with a substantially vertical exterior wall of the **container**, where the formed angle may be less than 90°. In an embodiment, the landing member may include a concavely shaped portion. The landing member may include one or more fingers.



PN - [US2018207061](#) A1 20180726

PR - GB20150012640
20150717; WO2016EP67087
20160718

AP - US201615745533 20160718

DT - **

CCI - [A61J1/1406](#) ; [B65D47/0804](#) ;
[B65D47/2031](#) ; [B65D50/046](#) ;
[A61J1/1425](#) ; [A61J1/1487](#)

CCA - [A61J7/0053](#)

PA - OBRIST CLOSURES SWITZERLAND
[CH]

TI - Flip-Top **Dispensing Closure**

AB - A flip-top **dispensing closure** is provided and comprises a base which is attachable to a **container** and a lid attached to the base by a hinge. The base includes a **dispensing** passage; a syringe of the type comprising a barrel and a terminal tip is insertable into the passage. The **closure** further comprises a flexible self- **closing** valve for **closing** the passage. In use the syringe is inserted into the passage so that the tip passes through the valve to access product, and thereafter when the syringe is withdrawn the valve **wipes** against the syringe tip.

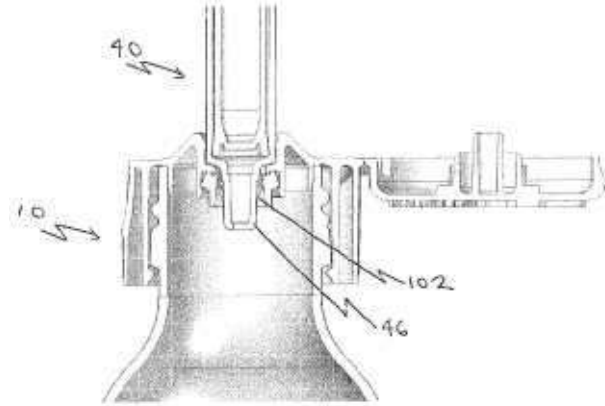


Figure 9

3/1.909 © EPODOC / EPO

PN - [AU2017211253](#) A1 20180719

PR - GB20160001575
20160128; WO2017EP51437
20170124

AP - AU20170211253 20170124

DT - I

CCI - [A01N59/00](#) ; [A61L2/18](#) ;
[B65D75/5838](#) ; [B65D83/0805](#)

CLC - [A01N59/00](#) , [A01N25/34](#) , INV

CCA - [B65D2575/586](#)

PA - TRISTEL PLC

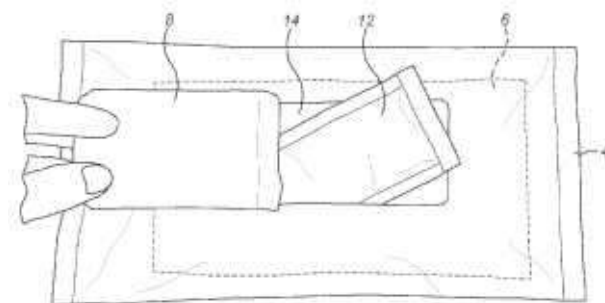


FIG. 2

TI - Disinfectant **wipes**

AB - A disinfectant **wipes** system (2) comprising: a flexible **sealed container** (4) **containing** a plurality of fabric **wipe** members (6) and a burstable sachet (12); a first part comprising a first reagent in a carrier medium absorbed or impregnated in the fabric **wipe** members; and a second part within the burstable sachet (12), the second part miscible with the first part and comprising a second reagent in a carrier medium; wherein the first reagent and the second reagent will react when mixed to provide a disinfectant composition; wherein the **container** (4) has an **opening** (14) through which the **wipe** members (6) and the burstable sachet (12) may pass; the **opening** (14) releasably **sealed** by an adhesive-backed **label** (8); and wherein the burstable sachet (12) is separate from the plurality of **wipe** members (6) so that it can be removed through the **opening** (14) without removing any of the plurality of **wipe** members (6).

4/1.909 © EPODOC / EPO

PN - [CA3010901](#) A1 20170803

PR - GB20160001575
20160128; WO2017EP51437
20170124

AP - CA20173010901 20170124

DT - I

CCI - [A01N59/00](#) ; [A61L2/18](#) ;
[B65D75/5838](#) ; [B65D83/0805](#)

CLC - [A01N59/00](#) , [A01N25/34](#) , INV

CCA - [B65D2575/586](#)

PA - TRISTEL PLC [GB]

TI - DISINFECTANT **WIPES**

AB - A disinfectant **wipes** system (2)

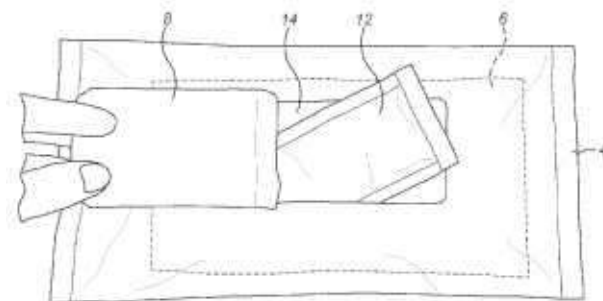


FIG. 2

comprising: a flexible **sealed container (4)** containing a plurality of fabric **wipe members (6)** and a burstable sachet (12); a first part comprising a first reagent in a carrier medium absorbed or impregnated in the fabric **wipe members**; and a second part within the burstable sachet (12), the second part miscible with the first part and comprising a second reagent in a carrier medium; wherein the first reagent and the second reagent will react when mixed to provide a disinfectant composition; wherein the **container (4)** has an **opening (14)** through which the **wipe members (6)** and the burstable sachet (12) may pass; the **opening (14)** releasably **sealed** by an adhesive-backed **label (8)**; and wherein the burstable sachet (12) is separate from the plurality of **wipe members (6)** so that it can be removed through the **opening (14)** without removing any of the plurality of **wipe members (6)**.

- 5/1.909** © EPODOC / EPO
- PN - [AU2015419247](#) A1 20180705
- PR - WO2015US68217 20151231
- AP - AU20150419247 20151231
- DT - I
- CCI - [B65D83/0805](#) ; [B65D83/0894](#)
- CUI - [B32B27/00](#) ; [B65D65/38](#) ; [B65D65/40](#) ; [B65D83/08](#)
- PA - KIMBERLY CLARK CO
- TI - Gusseted **dispenser package for wet wipes**
- AB - A **package** of moist **wipes** includes a substantially water-vapor impervious flexible film sheet surrounding the moist **wipes**, and the flexible film sheet defines an inner surface

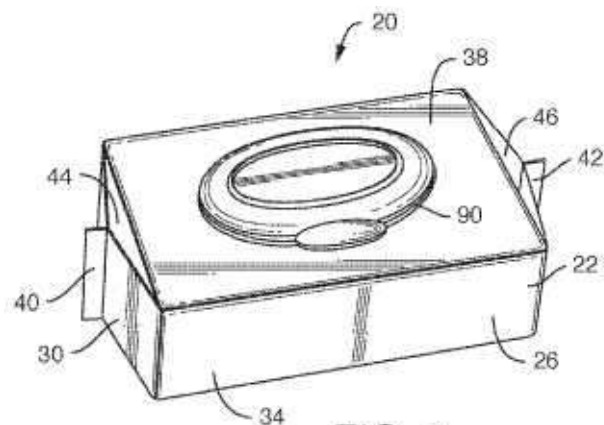


FIG. 1

and an outer surface.

The **package** includes at least one seam in which the flexible film is bonded to itself via energy. The seam includes an inner-surface-to-inner-surface energy bonded portion and an outer-surface-to-outer-surface energy bonded portion. In particular embodiments, a top wall is tucked toward a bottom wall adjacent the two side walls to define gusset portions. The top wall can include a **resealing** mechanism adapted to **cover** a **dispensing** orifice.

6/1.909 © EPODOC / EPO

- PN - [WO2018111629](#) A1 20180621
- PR - US201662434717P 20161215; US201715598430 20170518
- AP - WO2017US64764 20171205
- DT - **
- CT - |KR| ISR (A1)
[US2012279876](#) A1 20121108 [Y] (WEIGEL FRIEDRICH [DE])
[Y] 1-21
* See claims 1-10; paragraphs [0030]-[0047]; figures 1-8. *;
[US2009155371](#) A1 20090618 [Y] (SOJKA MILAN F [US], et al)
[Y] 1-21
* See claims 1-10 and 29. *;
[US6076985](#) A 20000620 [Y] (GUERET JEAN-LOUIS [FR])
[Y] 5-8, 14, 19, 20
* See claims 1-35; column 6, lines 1-13; figures 7 and 8. *;
[US2009071498](#) A1 20090319 [A] (TRANCHANT JEAN-FRANCOIS [FR])
[A] 1-21
* See the whole document. *;
[US6298864](#) B1 20011009 [A] (GUERET JEAN-LOUIS [FR])
[A] 1-21
* See the whole document. *
- CCI - [A45D34/04](#) ; [A45D34/045](#) ; [A45D34/046](#) ; [A45D40/262](#) ; [A45D40/265](#) ; [A45D40/267](#) ;
[A61Q19/00](#) ; [A61K8/8152](#) ; [A61Q19/005](#) ; [A61K8/0208](#) ; [A61K8/0212](#) ; [A61K8/025](#)
- CQI - [A61Q1/02](#) ; [A61K8/731](#) ; [A61K8/733](#) ; [A61K8/735](#) ; [A61K8/8129](#) ; [A61K8/8147](#) ;
[A61Q19/08](#) ; [A61K8/87](#) ; [A61K8/88](#) ; [A61K8/0204](#)
- CCA - [A61K2800/412](#) ; [A61K2800/87](#)
- PA - ELC MAN LLC [US]
- TI - **PACKAGED** SKIN TREATMENT COMPOSITION AND METHOD
- AB - A **packaged** skin treatment composition comprising: (a) a receptacle with a neck and

having **stored** therein a treatment composition **containing** microscopic three dimensional spherical structures having membranous outer walls and secluded internal spaces, (b) a **wiper** affixed within the neck and having an internal barrel portion, (c) a **closure** for the receptacle, (d) an applicator comprised of a rod with a proximal end affixed to the **closure** and a distal end terminating in an enlarged portion, wherein when the rod is extracted from the receptacle the treatment composition loads onto the applicator in an amount sufficient to permit application of the treatment composition **containing** the microscopic spherical structures to the treatment surface.

7/1.909 © EPODOC / EPO

- PN - [WO2018106596](#) A1 20180614
- PR - US201615373319 20161208
- AP - WO2017US64520 20171204
- DT - **
- CT - |US| ISR (A1)
[US2014001196](#) A1 20140102 [A] (BUSHMAN LISA L [US], et al)
 [A] 1-15
 * entire document *;
[US2014367400](#) A1 20141218 [A] (CRUDGE ANDREW DENNIS [US], et al)
 [A] 1-15
 * entire document *;
[US2010206896](#) A1 20100819 [A] (RAY EUGENE W [US], et al)
 [A] 1-15
 * entire document *;
[US6554156](#) B1 20030429 [A] (CHONG DICK [US])
 [A] 1-15
 * entire document *
- CCI - [A47K10/421](#) ; [B65D75/5877](#) ; [B65D75/5894](#) ; [B65D83/0805](#)
- CUI - [B08B1/006](#) ; [B08B3/04](#) ; [B65D77/20](#) ; [B65D77/38](#) ; [B65D43/16](#)
- CUA - [B65D2577/205](#)
- PA - CLOROX CO [US]
- TI - DISINFECTING **WIPES** FLEX PACK **CLOSURE**
- AB - 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.

8/1.909 © EPODOC / EPO

- PN - [US2018160868](#) A1 20180614

PR - US201615373319 20161208
AP - US201615373319 20161208
DT - *; Rep
CCI - [A47K10/421](#) ; [B65D75/5877](#) ; [B65D75/5894](#) ; [B65D83/0805](#)
CUI - [B08B1/006](#) ; [B08B3/04](#) ; [B65D77/20](#) ; [B65D77/38](#) ; [B65D43/16](#)
CUA - [B65D2577/205](#)
PA - CLOROX CO [US]
TI - DISINFECTING **WIPES** FLEX PACK **CLOSURE**
AB - 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.

9/1.909 © EPODOC / EPO

PN - [CN207356017U](#) U 20180515
PR - CN20172099911U 20170123
AP - CN20172099911U 20170123
DT - I
PA - UNIV ANHUI SCIENCE & TECH
TI - Shower **box**
AB - The utility model provides a shower **box**, including **box** body, sponge and taking out the board, be equipped with the cavity in the **box** body, the **box** body up end is **opened** flutedly, separates through the baffle between cavity and the recess to **open** a plurality of first through -hole intercommunication that has communicated chamber and recess on the baffle, take out the board and **cover** on a plurality of first through -hole of baffle, take out the board **open** have a plurality of with first through -hole complex second through -hole is taken out outside board one end stretches out the **box** body, takes out board laminating baffle terminal surface and removes, it follows in its movement track removal to take out the board, the second through -hole with correspond first through -hole and take place all or the part coincidence, still **opened** on the **box** body with the communicating first feed liquor hole of cavity, the sponge cooperates with the recess of **box** body to the sponge stretches out outside the **box** body. This shower **box** is the people's of being convenient for the mode of bathing, and is special substituting, integrated with sponge and shower bath again with bath sponge for the **towel**. This design is applicable to fast rhythm life crowd, portable, and design and the pure physicsization of using -way can not cause the injury to people's skin.

10/1.909 © EPODOC / EPO

PN - [CN207345758U](#) U 20180511
 PR - CN201721200337U 20170919
 AP - CN201721200337U 20170919
 DT - I
 PA - DONGFENG PEUGEOT CITROEN AUTOMOBILE CO LTD
 TI - Windscreen **wiper** washing liquid recovery system
 AB - The utility model discloses a windscreen **wiper** washing liquid recovery system, including collection liquid end, filter and **storage** solution kettle, connect the honeycomb duct between collection liquid end and the filter, the back flow is connected with **storing** up to the filter between the solution kettle, and back flow and junction between the **storage** solution kettle are provided with the float -controlled valve, and the float -controlled valve includes float chamber and float, the bottom trompil of float chamber, the float serves as a contrast in the trompil of bottom, and the downside wall cloth of float chamber establishes a plurality of basins, and the middle part of float chamber is equipped with the joint head of trompil. The utility model discloses **storing** up solution kettle and the junction of back flow and having arranged the float -controlled valve, when the glass cleaning liquid of float in **storing** up solution kettle in the float -controlled valve did not **cover** the float chamber bottom, the float dropped on the bottom because of self gravity, when glass cleaning liquid covers the bottom of float chamber trompil gradually, the float come -up keeps full position with the end **seal** of joint head, the glass cleaning liquid that **stores** up among the solution kettle, had thoroughly solved the driving hidden danger that glass cleaning liquid failed in time to add reserves less than bringing.

11/1.909 © EPODOC / EPO

PN - [CN207385991U](#) U 20180522
 PR - CN201721213027U 20170921
 AP - CN201721213027U 20170921
 DT - I
 PA - HONGKUI BIOLOGICAL CHINA CO LTD
 TI - A device for clearing up medical fridge
 AB - The utility model belongs to the technical field of the cleaning device technique and specifically relates to a device for clearing up medical fridge, including the dustbin, and the dustbin is slope setting, dustbin one end both sides all are fixed with L type support, L type support below is provided with the bottom plate, the bottom plate is fixed and is **close** to L type support one end tip at the dustbin, be equipped with the connecting rod between the L type support of both sides, L type support inboard all is equipped with the slide rail, sliding connection has the slider on the slide rail, the slider is fixed at the connecting rod both ends, the **cover** has the sleeve pipe on the connecting rod, the round pin shaft hole has all been left at sleeve pipe and connecting rod middle part, and peg graft through the round pin axle between sleeve pipe and the connecting rod and be connected in the round pin shaft hole, the both ends middle part all is connected with the mount pad through the connection piece about the sleeve pipe, about and on two mount pads respectively swing joint have sponge **wiper** and brush. The utility model discloses avoided original cleaning device to look for therag to dry in addition, lead to the fact because of drying not as good as multiplying the problem of

bacterium often, and then improved the cold -**stored** quality of medicine.

12/1.909 © EPODOC / EPO

PN - [CN207345556U](#) U 20180511
PR - US201615131435 20160418
AP - CN201720404769U 20170417
DT - I
CUI - [A47D5/006](#) ; [A47D15/008](#) ; [B60N2/206](#) ; [B60N2/90](#)
PA - FORD GLOBAL TECH LLC
TI - A baby trades changing table for motor vehicles
AB - The utility model provides a baby trades changing table for motor vehicles, it includes: car seat, car seat include seat bottom and backrest, and wherein, the backrest can be at the pivot between driving position and the baby's changing babies' **napkin** position of standing vertically, be arranged in the chamber of the rear portion face of backrest, bear the weight of the restraint bandage on the backrest, the extension of restraint bandage strides across the chamber and is used for in the position use of baby's changing babies' **napkin**, lid, lid bear the weight of on the backrest and can **cover** and concealing cavity's primary importance and **open** the second place in chamber between shift, and the **storage** of bearing on the first face of lid is netted. The utility model discloses still provide another kind of a baby trades changing table for motor vehicles. The presents relates to a direct integration and trades changing table to the novel baby with the improvement among the car seat of motor vehicles. Advantageously that this baby trades changing table and designs as trading changing table specifically to the task that the father and mother that make the worry therefrom benefited has beensimplified.

13/1.909 © EPODOC / EPO

PN - [CN207343405U](#) U 20180511
PR - CN201720926685U 20170728
AP - CN201720926685U 20170728
DT - I
PA - JIANGXI JINGZHI TECH CO LTD
TI - Hemostix cleaning equipment of sanitization
AB - The utility model discloses a hemostix cleaning equipment of sanitization, the on -line screen **storage** device comprises a base, the top fixed mounting of base has the support column, the top of support column and the bottom fixed connection of **wiper** mechanism, the **wiper** mechanism includes the **box**, fixed mounting has the motor in the inner chamber of last **box**, the output shaft of motor runs throughthe **box** and extends to the fixed connection of axle center department at below with the rotor plate top of **box**, the bottom slidable mounting of rotor plate has the slider, there is clean pole the bottom of slider through bearing movable mounting, the surface of clean pole has been cup jointed the sponge and has been washd the **cover**. Compared with the prior art, the utility model, when the injection that runs into equidimension not, through rotating spiral shell rasp bar to make the slider remove, thereby can adjust according to the syringe internal diameter of different length, make clean pole **closely** laminate with the inner wall of syringe all the time, thereby reached the cleaner effect of washing.

14/1.909 © EPODOC / EPO

- PN - [CN207386101U](#) U 20180522
- PR - CN201721287240U 20171009
- AP - CN201721287240U 20171009
- DT - I
- PA - ZHEJIANG HUACHEN ENVIRONMENTAL PROT CO LTD
- TI - A water **storage** barrel **wiper** mechanism for water purification unit
- AB - The utility model discloses a water **storage** barrel **wiper** mechanism for water purification unit, including carousel, interior lead screw, outer lead screw, motor, the **cover** has a sponge ring on the outer lane of carousel, and the bottom surface of carousel is provided with a plurality ofly along the sponge strip of radially arranging, the motor is fixed in water **storage** barrel's top, and the upperend of interior lead screw links to each other with the output shaft of motor, and outer lead screw overlaps outside interior lead screw, the coaxial lower extreme that is fixed in outer lead screw of carousel, in water **storage** barrel is put into to the carousel, and sponge ring and water **storage** barrel's inner wall is **closely** laminated. The utility model discloses a water **storage** barrel **wiper** mechanism for water purification unit has and cleaning performance advantage such as good, efficient.

15/1.909 © EPODOC / EPO

- PN - [CN207433484U](#) U 20180601
- PR - CN201721141989U 20170907
- AP - CN201721141989U 20170907
- DT - I
- PA - WENZHOU MINGLIANG AUTOMOBILE PARTS CO LTD
- TI - Eliminate **wiper** motor of abnormal sound
- AB - The utility model relates to an eliminate electric motor rotor axle axle clearance to eliminate **wiper** motor of abnormal sound, for realizing above -mentioned purpose, the utility model provides a following technical scheme: an eliminate **wiper** motor of abnormal sound, includes motor shell, attached to the magnetic shoe subassembly on the casing inner wall, set up rotor shaft in motor shell, **seal** motor shell's shaft shoulder **cover** and the **wiper** deceleration **box** who connects at the rotor shaft output, characterized by: the reduction gear inner rotor brake power side of serving is equipped with the cavity, be equipped with the supporting seat in the cavity, the supporting seat is equipped with the spring, the spring outside is equipped with the upper shield of adaptation, be equipped with spacing pearl between upper shield and the rotor shaft output.

16/1.909 © EPODOC / EPO

- PN - [CN207434178U](#) U 20180601
- PR - CN201721608992U 20171126
- AP - CN201721608992U 20171126
- DT - I

PA - DENGYANYAN

TI - **Storage** device is used in medical science inspection

AB - The utility model discloses a **storage** device is used in medical science inspection, including the receiver main part, accomodate **box cover** body, flange structure, netted bottom surface, rotatorily uncap, activity **open** slot, the company's of rotation axle, the wind spring that resets, limited sliding piece, discharging hole, drier bottom and rotation mounting groove, accomodate **box cover** body, thecase main part is received soon to the drier bottom, establish at receiver main part lower extreme netted bottom surface, the flange structure is established on accomodating **box cover** body, the activity **open** slot is established at the flange structurally, rotates the mounting groove and establishes on accomodating **box cover** body, the company's of rotation axle is through reseing the wind spring dress in rotating the mounting groove, rotatory company of uncapping rotates even axle, discharging hole establishes on accomodating **box cover** body, the shroud is uncapped on discharging hole to the rotation, the limited sliding piece is established and is slided on rotatory uncapping and in the activity **open** slot, and the lower part parcel of limited sliding piece is on the outside terminal surfaceof taking in **box cover** body. The utility model discloses can effectively accomodate the aids appliances such as test paper, cotton **swab** of medical science inspection usefulness, the convenience is taken to clean health.

17/1.909 © EPODOC / EPO

PN - [CN108109467](#) A 20180601

PR - CN201810104511 20180202

AP - CN201810104511 20180202

DT - I

PA - ANHUI AXAVIATION TECH CO LTD

TI - Dustproof protection **cover** for flight simulator

AB - The invention discloses a dustproof protection **cover** for a flight simulator. The dustproof protection **cover** comprises a machine body, wherein an upper **cover** bin is arranged on the top of the machine body, an electrostatic dust collector is mounted inside the upper **cover** bin, a top plate is mounted on the surface of the front end on the machine body, a purifying bin is arranged inside the machine body, the inside of the purifying bin is connected with a dust-removing fan through a clamping device, one end of the purifying bin is in **sealed** connection with a dust **containing box** arranged at one side of the machine body through a dust-removing guide pipe, a switching valve is mounted inside the dust-removing guide pipe, a baffle is mounted at one side of the dust **containing box**, sliding chutesare laid in two sides of the surface of the machine body, sliding blocks are mounted on the sliding chutes, one sides of the sliding blocks are connected with sliding drive motors through fasteners, and a touch panel is arranged on the surface of the machine body. For the dustproof protection **cover** for the flight simulator, the electrostatic dust collector, the dust-removing fan, the dust **containing box**, the sliding drive motors and a **wipe** cleaning plate are arranged, so that the problems that for the existing dustproof protection **cover** for the flight simulator, the dust removing efficiency islow, the dust removing mode is single, etc., are solved.

18/1.909 © EPODOC / EPO

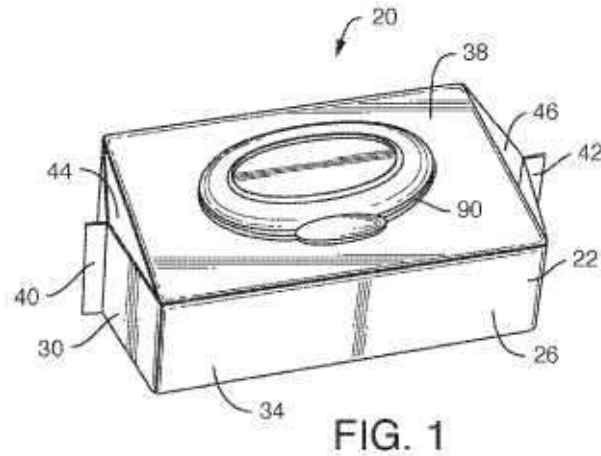
PN - [CN108041828](#) A 20180518
 PR - CN201711322452 20171212
 AP - CN201711322452 20171212
 DT - I
 PA - CHENGDU LAIXIANG TECH CO LTD
 TI - Tableware unlocking device suitable for use after payment
 AB - The invention discloses a tableware unlocking device suitable for use after payment. The tableware unlocking device comprises foot columns and a panel which are connected in sequence, a paper **napkin storage** cavity is formed in the side wall of the panel, and a tableware **box** is arranged below the paper **napkin storage** cavity; an **opening** of the tableware **box** and an **opening** of the paper **napkin storage** cavity are provided with the same **cover** plate, one end of the **cover** plate is connected with the bottom of the tableware **box** through a hinge, and the other end of the **cover** plate is connected with the paper **napkin storage** cavity through an electromagnetic lock; the electromagnetic lock is controlled by an electromagnetic switch, and the electromagnetic switch is connected with a cashier desk. LED lamps are arranged on the foot columns. A gap layer is arranged between the paper **napkin storage** cavity and the tableware **box**, a gravity sensor is arranged at the bottom of the tableware **box**, and the gravity sensor collects gravity information of the tableware **box**; when the gravity information is lower than a no-load value, the LED lamps are turned on to be yellow. A transparent plate is arranged at the overlapped position of the paper **napkin storage** cavity and the panel. A movable cross rod is arranged in the paper **napkin storage** cavity.

19/1.909 © EPODOC / EPO

PN - [CN108054849](#) A 20180518
 PR - CN201711376053 20171219
 AP - CN201711376053 20171219
 DT - I
 PA - DONGFENG MOTOR CORP
 TI - Waterproof and dustproof structure of motor of front **wiper** and connection of waterproof and dustproof structure on automobile
 AB - The invention discloses a waterproof and dustproof structure of a motor of a front **wiper**. The waterproof and dustproof structure comprises a waterproof shield and a waterproof cap, wherein the waterproof cap is in interference fit with the output shaft of the motor, the waterproof shield comprises a waterproof main board and a skirt edge, and the side edge of the waterproof main board is connected with the skirt edge to form a semi-**closed** structure, the waterproof main board protrudes upwards to be provided with a shaft through hole, and a plurality of motor fixing holes are formed in the periphery of the shaft through hole, and the waterproof cap comprises an upper **cover** body with through holes, an inner flanging edge and an outer flanging edge. An annular groove is formed between the inner flanging edge and the outer flanging edge, and a hole wall of the shaft through hole is arranged in the annular groove. The invention further discloses a connection of the waterproof and dustproof structure of the motor of the front **wiper** on an automobile. The waterproof shield and the waterproof cap sleeve an output shaft of the motor. The waterproof cap shields the hole

arm of the shaft through hole, the inner flanging edge of the waterproof cap is in interference fit with the output shaft of the motor, so that the output shaft of the motor achieves waterproof and dustproof effects. The waterproof main board and the skirt edge are used for shielding the connecting seams of a reduction gearbox **cover** plate and a reduction gearbox at the lower part and the joint of the speed reduction **box** and the motor.

- 20/1.909** © EPODOC / EPO
- PN - [GB2556858](#) A 20180606
- PR - WO2015US68217 20151231
- AP - GB20180005410 20151231
- DT - **
- CT - || STSE (A)
[EP0074161](#) A2 19830316 [] (GRACE W R & CO [US]);
[US2014001196](#) A1 20140102 [] (BUSHMAN LISA L [US], et al);
[US2012312713](#) A1 20121213 [] (BANDO TAKESHI [JP], et al);
[US2011103720](#) A1 20110505 [] (DE MUINCK EBO JACQUES [NL]);
[JPH02258561](#) A 19901019 [] (ORIHIRO CO LTD)
- CCI - [B65D83/0805](#) ; [B65D83/0894](#)
- CUI - [B32B27/00](#) ; [B65D65/38](#) ;
[B65D65/40](#) ; [B65D83/08](#)
- CNOI - [A47K7/00](#) ; [A47K10/42](#) ;
[B32B27/00](#) ; [B65D65/38](#) ;
[B65D65/40](#) ; [B65D83/08](#)
- PA - KIMBERLY CLARK CO [US]
- TI - Gusseted **dispenser package** for wet **wipes**
- AB - A **package** of moist **wipes** includes a substantially water-vapor impervious flexible film sheet surrounding the moist **wipes**, and the flexible film sheet defines an inner surface and an outer surface. The **package** includes at least one seam in which the flexible film is bonded to itself via energy. The seam includes an inner-surface-to-inner-surface energy bonded portion and an outer-surface-to-outer-surface energy bonded



portion. In particular
embodiments, a top wall is
tucked toward a bottom wall
adjacent the two side walls to
define gusset portions. The top
wall can include a **resealing**
mechanism adapted to **cover**
a **dispensing** orifice.

21/1.909 © EPODOC / EPO

PN - [CN108033097](#) A 20180515

PR - CN20181027989 20180111

AP - CN20181027989 20180111

DT - I

PA - JIANGSU KANGBAO MEDICAL EQUIPMENT CO LTD

TI - Automatic povidone iodine infiltrating cotton **swab** bottle

AB - The invention discloses an automatic povidone iodine infiltrating cotton **swab** bottle. The automatic povidone iodine infiltrating cotton **swab** bottle comprises a bottle body used for **containing** cotton swabs, a bottle cap used for **sealing** a bottle **opening** of the bottle body and having a **sealing** state and an **opening** state, and an inner tube arranged in the bottle body and used for **containing** povidoneiodine, wherein a liquid outlet hole is formed in the lower end of the inner tube, and the state of the bottle cap and the flowing state of the liquid outlet hole are configured into relations that when the bottle cap is switched into the **opening** state from the **sealing** state, the povidone iodine in the inner tube enters the bottle body through the liquid outlet hole, and when the bottle cap is switched into the **sealing** state from the **opening** state, the povidone iodine in the inner tube is kept in the inner tube. When traveling is needed, only the automatic povidone iodine infiltrating cotton **swab** bottle needs to be carried out, and it does not need to independently carry a **container containing** the povidone iodine. It is important that when a cotton **swab** needs to be immersed with the povidone iodine, only the bottle **cover** needs to be directly **opened**, the povidone iodine in the inner tube can flow to the bottom of the bottle body in the process that the bottle cap is switched into the **opening** state or after the bottle cap is switched into the **opening** state, and the head of the cotton **swab** is immersed with the povidone iodine.

22/1.909 © EPODOC / EPO

PN - [AU2016326289](#) A1 20180510

PR - US201514865040
20150925; WO2016US49385
20160830

AP - AU20160326289 20160830

DT - I

CCI - [A45D40/265](#) ; [A45D40/267](#)

CQI - [B65D1/0246](#) ; [B65D41/0407](#)

CCA - [A45D2200/051](#)

PA - ELC MAN LLC

TI - Screw-type **container-closure** systems with magnetic feature

AB - A screw-type **closure** system comprising a **container** and **closure**. The **closure** comprises a screw-threaded inner cap, a customized wand that depends from the inner cap and supports an applicator surface, an overcap that is enabled to translate axially relative to the inner cap, and one or more magnetic elements. The **container** comprises a specialized shoulder, a neck having a specialized screw thread profile, a customized **wiper** that engages the customized wand, an overshell that houses one or more magnetic elements that tend to attract the one or more magnetic elements of the **closure**. The **closure** is screwed onto the **container** until the inner cap comes to a hard stop, at which point the magnetic elements of the **closure** are aligned with the magnetic elements of the **container**. At that point, the overcap (15) of the **closure** (11) is drawn toward the overshell (4) of the **container** until they make contact, so that there is no unsightly gap. Also, the contact produces a satisfying, reassuring metallic "click"

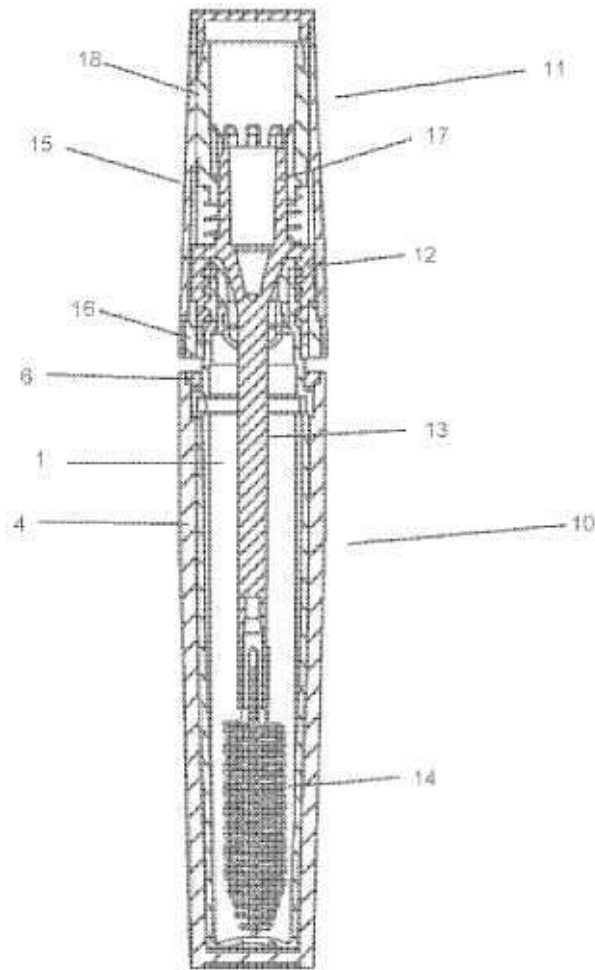
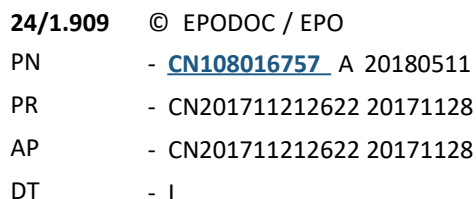


FIG. 1

23/1.909 © EPODOC / EPO

PN	-	AU2016325253	A1	20180510
PR	-	US201514865051		
		20150925; WO2016US49381		
		20160830		
AP	-	AU20160325253		20160830
DT	-	I		
CCI	-	A45D40/267		
CQI	-	B65D39/0052		
CUA	-	A46B2200/1053		
PA	-	ELC MAN LLC		
TI	-	Magnetic closure system for a container with a wand-type applicator and wiper		
AB	-	A container-closure system that comprises a container (1) without screw threads; a custom wiper (3) that sits in the neck of the container ; a magnetic ring (2) that encircles the neck of the container ; a custom closure (5) that comprises a handle (5b), a conic section (5g), a wand (5d) and an application surface (4) that depends from the distal end of the wand; an overshell (8) that fits over the handle and supports a metal ring (6). The strength of the magnetic ring for the metal ring is sufficient to effect a tight seal in two sealing zones: between the conic section (5g) of the closure and the beveled surface (3g) of the wiper (3); and between the bottom (5a) of the handle and the custom sealing lip (3a) on the top of the wiper .		



PA - SUZHOU HELIMEI ELECTRONIC TECH CO LTD

TI - Iodophor cotton **swab box** based on compression pushing

AB - The invention discloses an iodophor cotton **swab box** based on compression pushing. The iodophor cotton **swab box** comprises a **box** body, a **box cover** and a compression pushing mechanism, wherein an **opening** and a connecting **cover** are arranged on the **box cover**. The compression pushing mechanism comprises a power supply battery, a switch, a controller, a micro motor, a push rod and a push plate, wherein the power supply battery, the switch, the controller and the micro motor are arranged in a control **box** fixed on the surface of the **box** body, and the power supply battery is sequentially connected with the switch, the controller and the micro motor; the output shaft of the micro motor is connected with one end of the push rod, and the other end of the push rod penetrates through the **box** body and then is fixedly connected with the push plate; and after the switch is started, the controller controls the output shaft of the micro motor to rotate and link the push plate on the push rod to push forwards, so that iodophor cotton swabs can move forward. According to the iodophor cotton **swab box**, the pushing function of the iodophor cotton swabs is realized, the contact area between the iodophor cotton swabs and air can be reduced, and inner cotton swabs are prevented from being easily taken out. The control function is realized by utilizing a simple circuit.

25/1.909 © EPODOC / EPO

PN - [US2018116472](#) A1 20180503

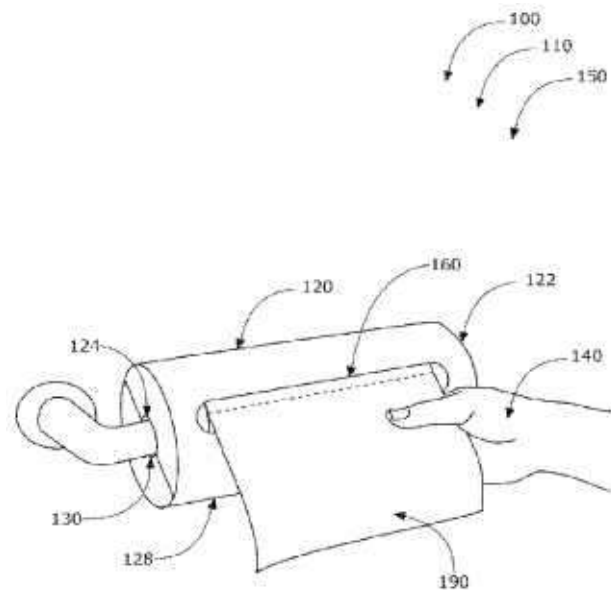
PR - US201615339855 20161031

AP - US201615339855 20161031

DT - *; Rep

CT - || R141 (A1)
[US2462776](#) A 19490222 [] (PRICE ROBERT I);
[US2798597](#) A 19570709 [] (THOMPSON REUBEN A);
[US3698548](#) A 19721017 [] (STENZEL ROBERT N, et al);
[US5660313](#) A 19970826 [] (NEWBOLD HARRY L [US]);
[US5897074](#) A 19990427 [] (MARINO JOHN J [US]);
[US6446808](#) B1 20020910 [] (PAUL DEWITT J [US], et al);
[US6536707](#) B2 20030325 [] (ADELAKUN OLUFEMI [US]);
[US2010089940](#) A1 20100415 [] (SERFATY ARMAND [US]);
[US2012228167](#) A1 20120913 [] (SEMBRITZKI DIRK [DE]);
[US8783601](#) B1 20140722 [] (SHALA GZIM [US])

CCI - [A47K10/38](#)



CCA - [A47K10/3827](#) ; [A47K2010/3266](#)
PA - FELTS JOAN [US]
TI - **WET WIPE DISPENSING SYSTEMS**
AB - A **wet wipe dispensing** system includes a **wet wipe dispensing** assembly having a cylindrical body enclosure having a top-half-cylindrical-lid having a left-top-semi-circular-end- **opening**, and a right-top-semi-circular-end- **opening**, a bottom-half-cylindrical-lid, a left-bottom-semi-circular-end- **opening**, a right-bottom-semi-circular-end- **opening**, a **dispensing** slot, at least one hinge, and an **opening-closing tab**. As such, the **wet wipe dispensing** system comprises the **wipe dispensing** assembly. The **wet wipe dispensing** system is useful for enclosably **dispensing wet wipes** for use off of a roll.

26/1.909 © EPODOC / EPO

PN - [CN107963299](#) A 20180427
PR - CN201711177895 20171123
AP - CN201711177895 20171123
DT - I
CNOI - [B65D11/02](#) ; [B65D25/107](#) ; [B65D25/38](#) ; [B65D85/24](#)
PA - NANNING ZHONGCHUANG SPACE TECH CO LTD
TI - Short-time **storing** and taking **box** for medical disinfection cotton swabs
AB - The invention discloses a short-time **storing** and taking **box** for medical disinfection cotton swabs. The short-time **storing** and taking **box** comprises a **storing** and taking **box** body, a **sealing cover** and an inner rotation disc. A fixing shaft is arranged at the center position of the **storing** and taking **box** body. A top **cover** is arranged at the upper end of the **storing** and taking **box** body and provided with a slotted port. A fixing plate is arranged on the **sealing cover**, and the bottom of the fixing plate is fixed to the fixing shaft. A fixing rotation shaft penetrates the center position of the fixing plate in an inserted manner. An overturning plate is fixed to the fixing shaft. **Storing** and taking separated **boxes** distributed in an annular array manner are arranged on the inner rotation disc and provided with **containing** holes distributed in an array manner. According to the short-time **storing** and taking **box** for the medical disinfection cotton swabs, during disinfection cotton **swab storage**, outer falling dust can be effectively shielded, and the situation that the short-time **storing** and taking **box** is exposed in air, and consequently outer impurities enter and pollute the interior is avoided; and during

disinfection cotton **swab** taking and using, the single disinfection cotton swabs are independently placed, taking-out is convenient, and the situation that due to disordered pulling, normal usage of the disinfection cotton swabs is influenced is avoided.

27/1.909 © EPODOC / EPO

- PN - [CN107961115](#) A 20180427
- PR - CN201711296604 20171208
- AP - CN201711296604 20171208
- DT - I
- CNOI - [A61F13/15](#)
- PA - LIUZHOU CITY HEALTHCARE HOSPITAL FOR WOMEN & CHILDREN
- TI - Anti-contamination aseptic **swab**
- AB - The invention relates to an anti-contamination aseptic **swab**. The anti-contamination aseptic **swab** comprises a sample **storage** tube, a sampling **swab** and a sampling tube **cover**, wherein the sampling tube **cover** can **cover** the sample **storage** tube, one end of the sampling **swab** serves as a sampling end, and the other end of the sampling **swab** is movably arranged on the sampling tube **cover**; the sampling tubecover comprises a movable inner **cover** and an outer **cover**, one end of the movable inner **cover** is movably arranged on the outer **cover**, and one end of the sampling **swab** is movably arranged on the outer **cover**; when the anti-contamination aseptic **swab** is used, the movable inner **cover** is pressed through external force so that the sampling **swab** can be separated from the sampling tube **cover**. By means of the anti-contamination aseptic **swab**, it can be achieved that the sampling **swab** is not required to be broken off, and the sampling **swab** easily falls into a test tube, and cross contamination caused when the tube is repeatedly **opened** is avoided.

28/1.909 © EPODOC / EPO

- PN - [CN107961461](#) A 20180427
- PR - CN201711289500 20171129
- AP - CN201711289500 20171129
- DT - I
- CNOI - [A62B99/00](#) ; [A62C3/00](#)
- PA - ZHEJIANG VACN BIO PHARMACEUTICAL CO LTD
- TI - Pharmaceutical production clean area fire emergency kit
- AB - The invention discloses a pharmaceutical production clean area fire emergency kit. The pharmaceutical production clean area fire emergency kit comprises a fire blanket (1), a wet **towel** (2), a **packaging** bag (3) and an inner bag (4). The fire blanket adopted in the fire emergency kit is a piece of overlapped rectangular all-cotton fire-retardant canvas. The wet **towel** is an all-cotton **towel** wetted through water for injection. The **packaging** bag and the inner bag are medical sterilization **packaging** bags which can be subjected to high-temperature steam boiling, sterilization and disinfection. The wet **towel** is folded and then put into the inner bag and is subjected to vacuum heat-sealing to be called as the bagged **towel**. The folded fire blanket and the bagged **towel** are put into the **packaging** bag and then are subjected to vacuum heat-sealing to form the fire emergency kit. According to the technical scheme, during application, the fire

emergency kit is disinfected and then put in a clean area emergent fire-fighting area for standby application; in case of a fire, the fire blanket is taken out for extinguishing the fire; when the fire is in emergency, a person at the scene of the fire takes out of the wet **towel** to **cover** the mouth and the nose and then withdraws from the scene of the fire, so that the purpose of fire emergency can be achieved in the production clean area.

29/1.909 © EPODOC / EPO

- PN - [CN107954093](#) A 20180424
- PR - CN201711211261 20171128
- AP - CN201711211261 20171128
- DT - I
- CNOI - [B65D77/28](#) ; [B65D83/02](#)
- PA - XU XIAO
- TI - Cotton **swab storage box** safe to use
- AB - The invention provides a cotton **swab storage box** safe to use. The cotton **swab storage box** comprises a **box** body, wherein a **box cover** is arranged at the top of the **box** body, two groups of connecting seats are arranged on one side of the top of the **box** body, and the two sides of the bottom of the **box cover** are fixedly provided with connecting rods matched with the connecting seats correspondingly; an annular **sealing** edge is integrally formed on the inner wall of the **box cover**, a discharging pipe is integrally formed on the right side of the top of the **box** body, a fixing block fixedly connected with the **box cover** is arranged on the left side of the discharging pipe, and a rubber belt is fixedly arranged at the top of the fixing block. The invention relates to the field of medical instruments. According to the cotton **swab storage box** safe to use, the **box cover** does not need to be **opened** when the cotton **swab storage box** is used, a cotton **swab** can be taken out from the discharging pipe only by **opening** a **sealing** cap, only one cotton **swab** can be taken out of the discharging pipe every time, and therefore other cotton swabs cannot be touched when the cotton **swab** is taken out, and the cotton **swab storage box** is safer to use; and the cotton **swab storage box** is not in direct contact with a patient, so that after the cotton **swab** is used, the **box** can be disinfected for reuse after a sterilization indicator card is replaced, and the use cost is effectively reduced.

30/1.909 © EPODOC / EPO

- PN - [CN107946968](#) A 20180420
- PR - CN201711218420 20171128
- AP - CN201711218420 20171128
- DT - I
- CNOI - [H02B1/28](#) ; [H02B1/565](#)
- PA - NINGBO EATON ELECTRIC POWER TECH CO LTD
- TI - Method for lowering transformer substation temperature and dust content
- AB - The invention discloses a method for lowering transformer substation and dust content, and relates to the field of power transmission and distribution. The method comprises the following steps: S1, communicating a water inlet pipe with tap water, and enabling the water to outflow from a spacing hole after the water level is higher than the spacing

hole; S2, dividing the internal of a shell into a transformation cavity and a temperature-lowering cavity with the volume less than that of the transformation cavity by using a vertical partition and a horizontal partition; S3, **opening** an upper cover after the transformation substation dust-collecting and temperature-lowering device for a period; S4, driving a connecting rod to uplift a **wiper** when the upper **cover** is **opened**; S5, enabling the water which is uplifted by the **wiper** to be evaporated, mixing the vapor with the dust to condense on the inner wall of the shell to form droplets; and S6, enabling the droplets remaining on the **wiper** to flow in a water outlet after the upper **cover** is completely **opened**. Through the method disclosed by the scheme, the safety loophole caused by washing the transformation **box** through the water in the prior art is solved, and the method is suitable for the temperature lowering and dust collecting of the transformation substation.

31/1.909 © EPODOC / EPO

PN - [CN107934140](#) A 20180420

PR - CN201711212923 20171128

AP - CN201711212923 20171128

DT - I

CNOI - [B65D25/00](#) ; [B65D85/20](#) ; [B65D53/00](#) ; [G01N33/00](#)

PA - SUZHOU HELIMEI ELECTRONIC TECH CO LTD

TI - Iodophor cotton **swab** tube based on automated humidity detection

AB - The invention discloses an iodophor cotton **swab** tube based on automated humidity detection. The iodophor cotton **swab** tube comprises a tube body, a tube **cover** connected to the tube body and a plurality of sleeves having different semi-diameters and arranged in the tube body. The bottoms of the sleeves are fixedly arranged on the inner wall of the tube body according to the sequence of the semi-diameters of the sleeves from small to big, **containing** bins used for **storing** iodophor cotton swabs are formed between every two adjacent sleeves, and a **sealing** membrane is arranged at the top of each **containing** bin; and a humidity sensor, a controller and a display are arranged in the tube body, the humidity sensor is connected with the controller, and the controller is connected with the display. According to the iodophor cotton **swab** tube, when the cotton swabs need to be used, the **sealing** membranes on the corresponding **containing** bins are torn so that the cotton swabs can be used, air entering the **containing** bins can be reduced, contact between iodophor and the air is reduced, the service life of the iodophor is prolonged, the iodophor cotton swabs can be **stored** in the cotton **swab** tube for a longer time, and **sealing** and **storing** are convenient.

32/1.909 © EPODOC / EPO

PN - [CN107934146](#) A 20180420

PR - CN201711212655 20171128

AP - CN201711212655 20171128

DT - I

CNOI - [A61M35/006](#) ; [B65D25/02](#) ; [B65D25/04](#) ; [B65D25/20](#) ; [B65D85/24](#)

PA - SUZHOU HELIMEI ELECTRONIC TECH CO LTD

TI - Iodine cotton **swab** barrel based on light control

AB - The invention discloses an iodine cotton **swab** barrel based on light control. The iodine cotton **swab** barrel based on light control comprises a barrel body and a barrel **cover** connected to the barrel body; the bottom of the barrel body is provided with a partition plate, and a **containing** cavity is formed through the partition plate and the bottom wall of the barrel body; the iodine cotton **swab** barrel further comprises a **containing** trough, a **storage** barrel and a piston rod which are arranged in the **containing** cavity; the **containing** trough is arranged on one side of the **containing** cavity and used for **containing** an iodine solution; one end of the **storage** barrel is provided with a liquid outlet and inserted into the **containing** trough, and the other end of the **storage** barrel is provided with an **opening**; one end of the piston rod penetrates through the barrel body and then can movably stretch into the **opening** of the **storage** barrel, and the other end of the piston rod is convexly arranged on the surface of the barrel body; and the barrel body is internally provided with a light emitting diode, a controller, a power supply battery and a switch which are electrically connected in sequence. According to the iodine cotton **swab** barrel based on light control, cotton swabs are separated from the iodine solution, volatilization of the iodine solution can be effectively prevented, the iodine solution makes contact with the cotton swabs when needed, and the using performance is improved; and by means of the structure, a circuit can be intelligently controlled, and the iodine cotton swabs are more efficient and sanitary.

33/1.909 © EPODOC / EPO

PN - [CN207253012U](#) U 20180420

PR - CN20172685295U 20170612

AP - CN20172685295U 20170612

DT - I

PA - REN BOHUA

TI - **Storage box** for earphone

AB - The utility model relates to a **storage box** for earphone, its characterized in that: including casing, bottom, futilely **wipe** away layer, core, **wet** and **wipe** away the layer, the casing has a lower extreme **open** -ended column chamber, the upper end of casing have with the communicating through -hole in column chamber, the bottom buckle **closure** is fixed with futilely on the lower terminal surface of bottom and **wipes** away the layer at the lower extreme of casing, the core sets up in the column chamber, and the core includes disk body, cylinder and disk body down, goes up the disk body and is connected with the upper end of cylinder, and lower disk body is connected with the lower extreme of cylinder, go up disk body, cylinder and down the disk body constitute the integral type core of barbell shape, the inside of core has the water injection chamber, gather on the lower terminal surface of lower disk body have with a plurality of infiltration holes of water injection chamber intercommunication, go up the water filling port that is equipped with on the up end of disk body with water injection chamber intercommunication, join in marriage on the water filling port and adorn the jam, **wet** to **wipe** away and layer fix on the lower terminal surface of lower disk body. The utility model discloses can solve the problem that the cell -phone screen is dirty and the earphone cord winds up easily simultaneously.

34/1.909 © EPODOC / EPO

PN - [CA2999722](#) A1 20170330

PR - US201514865051
20150925; WO2016US49381
20160830

AP - CA20162999722 20160830

DT - I

CCI - [A45D40/267](#)

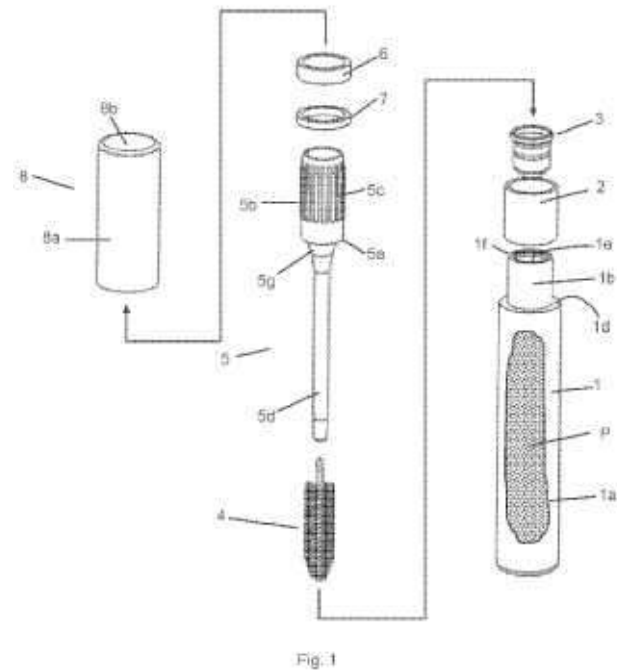
CQI - [B65D39/0052](#)

CUA - [A46B2200/1053](#)

PA - ELC MAN LLC [US]

TI - MAGNETIC **CLOSURE** SYSTEM FOR
A **CONTAINER** WITH A WAND-
TYPE APPLICATOR AND **WIPER**

AB - A **container-closure** system that
comprises a **container** (1)
without screw threads; a
custom **wiper** (3) that sits in the
neck of the **container**; a magnetic
ring (2) that encircles the neck of
the **container**; a custom **closure**
(5) that comprises a handle (5b),
a conic section (5g), a wand (5d)
and an application surface (4)
that depends from the distal end
of the wand; an overshell (8) that
fits over the handle and supports
a metal ring (6). The strength of
the magnetic ring for the metal
ring is sufficient to effect a
tight **seal** in two **sealing** zones:
between the conic section (5g) of
the **closure** and the beveled
surface (3g) of the **wiper** (3); and
between the bottom (5a) of the
handle and the custom **sealing**
lip (3a) on the top of the **wiper**.



PN - [CA2999726](#) A1 20170330

PR - US201514865040
20150925; WO2016US49385
20160830

AP - CA20162999726 20160830

DT - I

CCI - [A45D40/265](#) ; [A45D40/267](#)

CQI - [B65D1/0246](#) ; [B65D41/0407](#)

CCA - [A45D2200/051](#)

PA - ELC MAN LLC [US]

TI - SCREW-TYPE **CONTAINER-CLOSURE** SYSTEMS WITH MAGNETIC FEATURE

AB - A screw-type **closure** system comprising a **container** and **closure**. The **closure** comprises a screw-threaded inner cap, a customized wand that depends from the inner cap and supports an applicator surface, an overcap that is enabled to translate axially relative to the inner cap, and one or more magnetic elements. The **container** comprises a specialized shoulder, a neck having a specialized screw thread profile, a customized **wiper** that engages the customized wand, an overshell that houses one or more magnetic elements that tend to attract the one or more magnetic elements of the **closure**. The **closure** is screwed onto the **container** until the inner cap comes to a hard stop, at which point the magnetic elements of the **closure** are aligned with the magnetic elements of the **container**. At that point, the overcap (15) of the **closure** (11) is drawn toward the overshell (4) of the **container** until they make contact, so that there is no unsightly gap. Also, the contact produces a satisfying,

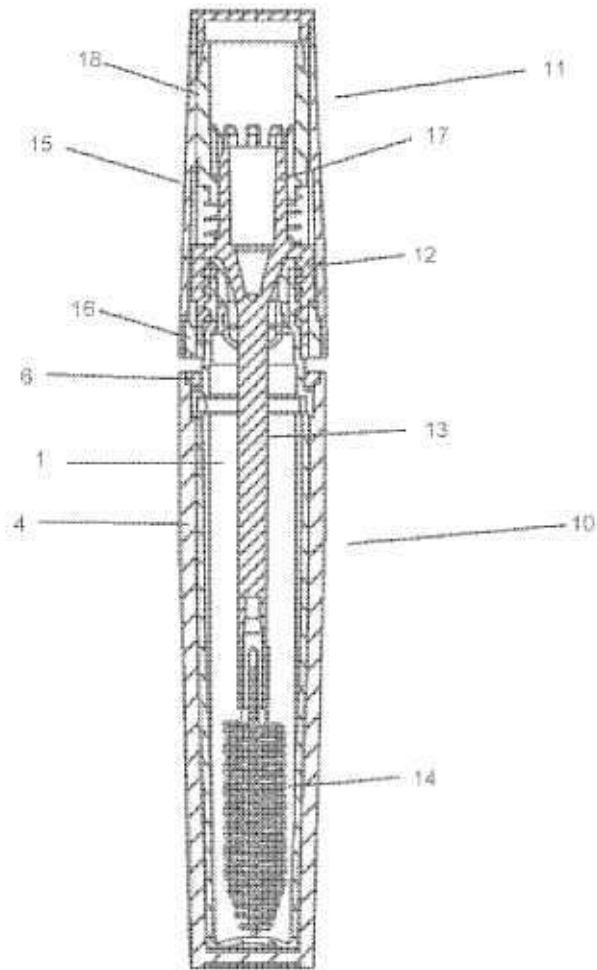


FIG. 1

reassuring metallic "click"
sound, accompanied by a
luxurious tactile sensation.

36/1.909 © EPODOC / EPO

PN - [CN107914972](#) A 20180417
PR - EP20160306328 20161007; US201715606021 20170526
AP - CN20171898496 20170928
DT - I
CCI - [A47K10/42](#) ; [A47K10/421](#)
CUI - [B65D75/56](#) ; [B65D75/5838](#)
CNOI - [B65D75/5838](#) ; [B65D83/0805](#)
CCA - [A47K2010/3233](#) ; [A47K2010/3266](#) ; [A47K2201/00](#)
PA - JOHNSON & JOHNSON CONSUMER INC
TI - ONE-HANDED **WIPES DISPENSER**
AB - The invention relates to a one-handed **wipes dispenser**. The invention discloses a **dispensing package** and a 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.

37/1.909 © EPODOC / EPO

PN - [CN107912944](#) A 20180417
PR - CN201711322451 20171212
AP - CN201711322451 20171212
DT - I
CNOI - [A47G23/00](#) ; [G06Q50/12](#)
PA - CHENGDU LAIXIANG TECH CO LTD
TI - Hand-held wireless ordering equipment
AB - The invention discloses hand-held wireless ordering equipment which comprises legs and a panel. The legs are connected with the panel; a paper **napkin storage** cavity is formed in one side wall of the panel, and a tableware **box** is arranged under the paper **napkin storage** cavity; **openings** of the tableware **box** and the paper **napkin storage** cavity are covered with one **cover** plate, one end of the **cover** plate is connected with the bottom of the tableware **box** through hinges, and the other end thereof is connected with the paper **napkin storage** cavity through an electromagnetic lock; the electromagnetic lock is controlled by an electromagnetic switch which is connected to a checkout counter. Besides, an ordering unit holding groove is formed in one side wall of the panel, a substrate is arranged at the bottom of the groove, and is connected with the bottom of a fixed base through a cable; a receipt chamber which is provided with a

movable plate and a receipt outlet is formed in a cavity of the bottom of the fixed base, the movable plate and the outer wall of the fixed base coincide; further, the outer wall of the fixed base is provided with a keypad, a folding part is arranged on the fixed base through a connecting shaft, and a rubber pad is arranged between the fixed base and the folding part.

38/1.909 © EPODOC / EPO

- PN - [CN207251580U](#) U 20180417
- PR - CN201721263824U 20170929
- AP - CN201721263824U 20170929
- DT - I
- PA - JIANGSU SUYUAN CONSTRUCTION GROUP CO LTD
- TI - Intelligence switch with interface cleaning function
- AB - The utility model discloses an intelligence switch with interface cleaning function, including the **box** body, one side of **box** body is equipped with the **opening**, the **opening** part is equipped with the panel, the middle part of panel articulates has the touch -sensitive screen, and the back of touch -sensitive screen is equipped with the **wiper** mechanism, the **wiper** mechanism includes the motor of vertical setting, and the motor is connected with the drive shaft, and the **cover** is equipped with the gear in the drive shaft, and the periphery of gear is equipped with the transmission frame that a levelset up, and the inner wall is equipped with a plurality of fly and driving cog gear engagement about the transmission frame, and the outer one side of transmission frame is equipped with a plurality of cleaning brush, and each cleaning brush is **close** to the touch -sensitive screen, and the outer opposite side of transmission frame is equipped with the level and fixes at the inside guide bar of **boxbody**, the top of motor is fixed with two dead levers, comes control drive to frame shift through the motor and moves, can reliably wash the touch -sensitive screen surface to intelligence switch's reliability has been improved, the utility model relates to a rationally, be fit for using widely.

39/1.909 © EPODOC / EPO

- PN - [CN207248887U](#) U 20180417
- PR - CN201721364809U 20171023
- AP - CN201721364809U 20171023
- DT - I
- PA - JIAXING DAWNSAIL BIOTECHNOLOGY CO LTD
- TI - Canine parvovirus time -resolved fluorescence immunity chromatography detect reagent **box**
- AB - Canine parvovirus time -resolved fluorescence immunity chromatography detect reagent **box**, including **box** body, buffer solution bottle, cotton **swab**, suction tube, test paper card and description, the **box** body has the **box** of going up chamber and lower grooved case, and buffer solution bottle, cotton **swab**, suction tube and test paper inlay card are established in the draw -in groove in last **box** chamber, the description is buckled for first description and lower half description, and first description is filled in the **opening** of **box** chamber in order to **cover** the **box** chamber parallelly, and the lower half description is filled in down grooved case parallelly, the test paper card includes sample pad, **tag** pad, detection pad and the pad that absorbs water that the overlap

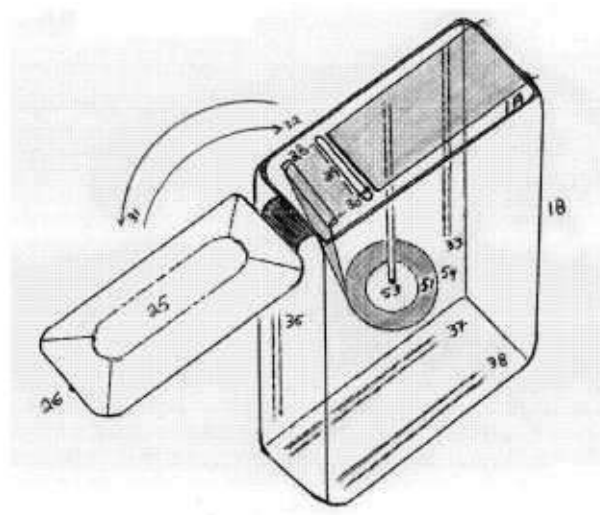
joint links to each other including apron, test paper strip and bottom plate, test paper strip, and the **tag** stacks up the mouse -anti canine parvovirus antibody no. 1 that the peridium has time -resolved fluorescence microballon mark, detects to stack up to have set firmly detection line and matter accuse line, and the detection line peridium has mouse -anti canine parvovirus antibody no. 2, and matter accuse solenoid is had sheep anti -mouse, the apron has been seted up the loading slot and has been detected the groove.

40/1.909 © EPODOC / EPO

- PN - [CN207234609U](#) U 20180413
- PR - CN201721179827U 20170914
- AP - CN201721179827U 20170914
- DT - I
- PA - RUIAN MINGLIANG AUTO PARTS CO LTD
- TI - Eliminate **wiper** motor of axial float
- AB - The utility model relates to an eliminate **wiper** motor of axial float can effectively prevent the electric motor rotor axial float, realizes above -mentioned purpose, the utility model provides a following technical scheme: an eliminate **wiper** motor of axial float, includes motor shell, attached to the magnetic shoe subassembly on the casing inner wall, set up rotor shaft in motor shell, **seal** motorshell's shaft shoulder **cover** and the **wiper** deceleration **box** who connects at the rotor shaft output, characterized by: rotor shaft output department is equipped with the cavity, the cavity is equipped with elastic layer, elastic layer and cavity inner wall are through being affiliated to some swing joint, elastic layer is equipped with and is affiliated to the connecting portion of some adaptations, be affiliated to and a little be equipped with 4 at least.

41/1.909 © EPODOC / EPO

- PN - [US2018098673](#) A1 20180412
- PR - US201615288082 20161007
- AP - US201615288082 20161007
- DT - *; Rep
- CCI - [B65D83/0841](#) ; [B65D83/0847](#) ; [A47K10/38](#) ; [A47K10/46](#) ; [B65D83/0888](#)
- CCA - [A47K2010/3266](#)
- PA - ZOGHI AL [US]
- TI - GLOTITE DISINFECTING WIPS DISPENCER/**CONTAINER**
- AB - **Container** 1B and 1C have **cover** 25 and 46 respectively. **Cover** 25 is used to **open** the lid or the **cover** to enable one to pull out the **wipes** to use. **Container** 1C's 46 used to **open** the lid to **store** the used **wipes** and **close**



it after **storing wipes**.

42/1.909 © EPODOC / EPO

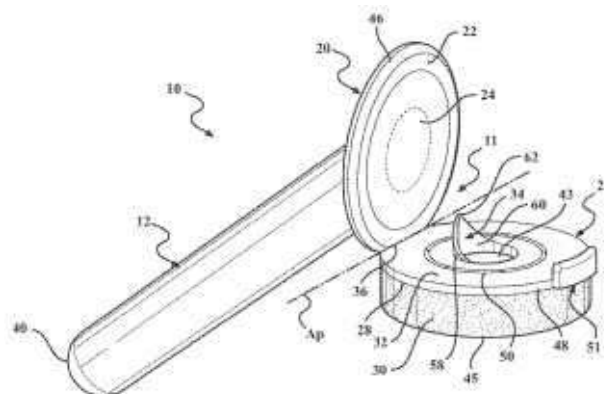
- PN - [CN207201889U](#) U 20180410
- PR - CN20172972407U 20170805
- AP - CN20172972407U 20170805
- DT - I
- PA - BAODING QINGHAO FOOD MACHINERY MFG CO LTD
- TI - Easy to clean's saw bone machine
- AB - The utility model belongs to the technical field of saw bone machine, a easy to clean's saw bone machine who provides, which comprises a frame, frame upper portion and lower part are provided with **box** and lower **box** respectively, go up internal band pulley and the lower band pulley of being provided with respectively of **box** and nowel, the **cover** has the saw blade on going up band pulley and lower band pulley, go up the **box** and be provided with the workstation down between the **box**, the **box** top is provided with saw blade cleaning **box** down, the workstation sets up in saw blade cleaning **box** top, the shower nozzle that from top to bottom sets gradually in the saw blade cleaning **box**, **wiper** blade and cleaning block, the shower nozzle, **wiper** blade and cleaning block are two and symmetrical the setting in the saw blade both sides, the shower nozzle passes through the spray pipe and is connected with the water tank that sets up in saw blade cleaning **box**, **wiper** blade one end and saw blade butt, the other end is provided with the header tank, and **wiper** blade is **close** to saw blade one end and is higher than the other end. The utility model discloses think about ingeniously, the minced meat of having solved adhesion on the saw blade among the prior art can be unrestrained everywhere along with the rotation of saw blade, very inconvenient technical problem during the clearance.

43/1.909 © EPODOC / EPO

- PN - [CN107878210](#) A 20180406
- PR - CN201711271972 20171206
- AP - CN201711271972 20171206
- DT - I
- CNOI - [B60L8/00](#) ; [H02S30/00](#) ; [H02S40/34](#)
- PA - SAMIL POWER CO LTD
- TI - Solar intelligent automobile
- AB - The invention discloses a solar intelligent automobile. The solar intelligent automobile structurally comprises a front windshield, a windshield **wiper**, a front bonnet, a license plate, headlamps, wheels, a photovoltaic cell panel device, an automobile frame, tail lamps, door **opening** handles, automobile doors, reflective mirrors and an oil filler. The front windshield is located at the lower end of the photovoltaic cell panel device, the windshield **wiper** is located on the upper surface of the front windshield, the front bonnet is hinged to the automobile frame, the license plate is located at the left end of the front bonnet, the headlamps and the automobile frame are of an integrated structure, and one wheel is located at the left lower end of the oil filler. The solar intelligent automobile is structurally provided with the photovoltaic cell panel device,

the photovoltaic cell panel device is installed above the automobile frame, when the automobile travels under the sunlight, the sunlight penetrates through an outer **cover** shell and irradiates the upper surfaces of an EVA board and a silicon wafer, a chemical reaction happens, electric energy is generated, transmitted to a terminal in a terminal **box** by an aluminum solar block through a lead and then transmitted to the automobile, energy consumption is greatly reduced through light energy conversion, and energy is saved.

- 44/1.909** © EPODOC / EPO
- PN - [US2018093082](#) A1 20180405
- PNFP - US9987474 B2 20180605
- PR - US201615285760 20161005
- AP - US201615285760 20161005
- DT - *; Rep
- CT - || STSE (B2)
[US3922099](#) A 19751125 [
] (CHRISTINE WILLIAM C, et al);
[US4415288](#) A 19831115 [
] (GORDON MARVIN [US], et al);
[US5042690](#) A 19910827 [
] (O'MEARA JOHN R [US]);
[US2004067090](#) A1 20040408 [
] (BUDDS KATE [GB], et al);
[US2004162533](#) A1 20040819 [
] (ALLEY KENNETH A [US]);
[US2006039742](#) A1 20060223 [
] (CABLE FRANK A JR [US], et al);
[US2008058863](#) A1 20080306 [
] (QUINTERO JULIAN A [US], et al);
[US2012219347](#) A1 20120830 [
] (LAW BRIAN ROBERT [GB], et al);
[US2015297876](#) A1 20151022 [
] (LOCKWOOD ROBERT [US], et al);
[US2016106964](#) A1 20160421 [
] (QUAGLIA GIANMARIO [IT]);
[US2017164713](#) A1 20170615 [
] (DAVIA PAUL C [US]);
[US2017165463](#) A1 20170615 [
] (LAW BRIAN ROBERT [GB])
- CUI - [A61M35/003](#) ; [A61M35/006](#)
- CUA - [A61M2210/02](#)
- PA - (A1 B2)
 IMED TECH INC [US]
- TI - (A1)
 ANTISEPTIC **SWAB**



- (B2)
Antiseptic **swab**
- AB - (A1 B2)
A liquid **dispensing** device including an elongated handle having a hollow interior defining a fluid reservoir. A base member is affixed to a lower end of the handle and a frangible **cover** is secured over a bottom surface of the base member and forms a **seal** across an **opening** of the fluid reservoir. A **swab** head supports an absorbent sponge-like member and includes an upper side supporting a **cover-rupturing** member. A hinge segment is affixed to the base member and to the **swab** head, the hinge segment defining a pivot axis about which the **swab** head pivots to move the **swab** head from an **open** position with the **cover-rupturing** member spaced from the frangible **cover** to a **closed** position with the **cover-rupturing** member extending through the frangible **cover** and into the **opening** of the fluid reservoir.

45/1.909 © EPODOC / EPO

PN - [CN207168882U](#) U 20180403

PR - CN201721140710U 20170907

AP - CN201721140710U 20170907

DT - I

PA - GUANGDONG WEIZHONG FIRE SCIENCE AND TECH CO LTD

TI - Fire extinguisher

AB - The utility model discloses a portable fire extinguisher aims at solving the problem of fleeing from of putting out a fire after failing, and its technical scheme main points are fire extinguisher, including body, the pressure handle of connection on the body, the lower end of the bottle body establishes a water **storage box**, the water **storage box** is including connecting at **box** body, the **opening** of body and the valve block of being connected with the **opening** rotation, the lower end of the bottle body still establishes a protective housing, the protective housing be located the out -of -the -**boxside** of water **storage** and with body releasable connection, a connecting rod is established to the protective housing, connecting rod and valve block fixed connection, a **towel** is

established to the protective housing bottom. Through the design of water **storage box** with the **towel**, the **cover** groove nose is covered to the use wet hair piece of cloth that the user can be convenient when the intensity of a fire has to flee from the burning things which may cause a fire disaster too greatly, has improved the probability of fleeing for one's life.

46/1.909 © EPODOC / EPO

PN - [CN207157805U](#) U 20180330
 PR - CN20172834229U 20170710
 AP - CN20172834229U 20170710
 DT - I
 PA - TIANJIN HIMIND MEDICAL TECH CO LTD
 TI - Alcohol cotton signs and **stores box**
 AB - The utility model relates to an alcohol cotton signs and **stores box**, including **box** body and block, **box** body lower part installation division board, upper fixing tray is installed on upper portion, it has a plurality of through -holes and to install the barrier film in through -hole department to **open** on the division board, it installs a plurality of fixing sleeve to correspond on the barrier film, be provided with a corresponding work coat section of thick bamboo among each fixing sleeve, be provided with the cotton **swab** in the work coat section of thick bamboo, the bottom of cotton **swab** is **close** to the barrier film, the rubber cap is installed at the top of cotton **swab**, install liquid suction device in the through -hole of division board, pour into alcohol in the cavity that **box** body and division board enclosed into, liquid suction device includes the feed liquor pipe, the upper end of feed liquor pipe is provided with the feed liquor check valve, the feed liquor base is installed to feed liquor check valve top, feed liquor base lower part **cover** is equipped with that the liquid outlet is installed to division board, upper portion left and right sides portion, compressor arrangement is installed at the top, and compressor arrangement installs the top compressing rod, and compressing rod installs the top compression axle, and the pressure disk is installed down on the top of compression axle.

47/1.909 © EPODOC / EPO

PN - [CN107862818](#) A 20180330
 PR - CN201711319395 20171212
 AP - CN201711319395 20171212
 DT - I
 CNOI - [G07G1/14](#)
 PA - CHENGDU LAIXIANG TECH CO LTD
 TI - Fully-automated restaurant management device
 AB - The invention discloses a fully-automated restaurant management device. The fully-automated restaurant management device comprises a stand pole and a faceplate, the first side wall of the faceplate is provided with a paper **napkin storage** cavity, a tableware **box** is arranged under the paper **napkin storage** cavity, the **openings** of the tableware **box** and the paper **napkin storage** cavity are provided with a **cover** plate, one end of the **cover** plate is connected in a hinged mode with the bottom of the

tableware **box**, the other end of the **cover** plate is connected with the paper **napkin storage** cavity through an electromagnetic lock which is controlled by an electromagnetic switch, and the electromagnetic switch is connected with a cashier desk; the second side wall of the faceplate is provided with a sliding groove which is matched with a slider, the slider is fixedly connected onto a payment base, the top of the payment base is provided with a support column, the outside of the support column is provided with a sleeve which can horizontally rotate around the support column by 360 degrees, the outer wall of the sleeve is provided with a display screen, and the display screen is embedded with a wireless receiver which communicates information with a wireless transmitter of the cashier desk; the third side wall of the faceplate is provided with an order machine placing slot.

48/1.909 © EPODOC / EPO

PN - [CN107854034](#) A 20180330

PR - CN201711283994 20171207

AP - CN201711283994 20171207

DT - I

CNOI - [A47K11/04](#) ; [A47K17/00](#)

PA - ZHEJIANG BABYHOOD BABY PRODUCTS CO LTD

TI - Egg-shaped portable pedestal pan

AB - The invention relates to an egg-shaped portable pedestal pan. The egg-shaped portable pedestal pan comprises a pedestal pan body, a lower shell, a base, antiskid strips, an upper shell and a **cover** plate and is characterized in that the lower shell is semispherical and has an upward **opening**, the pedestal pan body is located in the lower shell, the lower shell is fixed on the base, the antiskid strips are fixed on the lower surface on the base, the semispherical upper shell has a downward **opening**, the edge of the upper shell is detachably connected with the edge of the lower shell, and the uppershell and the lower shell are combined to form an egg shape; the **cover** plate is located inside the upper shell and detachably connected to the inner wall of the upper shell, the **cover** plate and the inner wall of the upper shell form a cavity for placing paper towels in an enclosed manner, and the **cover** plate is provided with a through hole for taking out the paper towels. The egg-shaped portable pedestal pan has the advantages that the pedestal pan can be used as the pedestal pan for children and has a paper-towel **storage** function; the egg-shaped portable pedestal pan is multifunctional, simple, practical and attractive and lovely in appearance.

49/1.909 © EPODOC / EPO

PN - [US2018084955](#) A1 20180329

PR - US201715715426
20170926; US201662400799P
20160928

AP - US201715715426 20170926

DT - *; Rep

CT - || R141 (A1)
[US5356035](#) A 19941018 [
] (SHLOPAK GREGORY P [US], et
al);
[US2003168371](#) A1 20030911 [
] (WEIMER MICHAEL A [US]);
[US2005274640](#) A1 20051215 [
] (PELLEGRINO JOHN [US]);
[US2008067185](#) A1 20080320 [
] (SCHLAUPITZ ROBERT SAMUEL
[US], et al)

CCI - [A47K10/421](#)

CUI - [B65D25/20](#) ; [B65D43/02](#) ;
[B65D43/14](#) ; [B65D83/0805](#) ;
[B65D51/18](#)

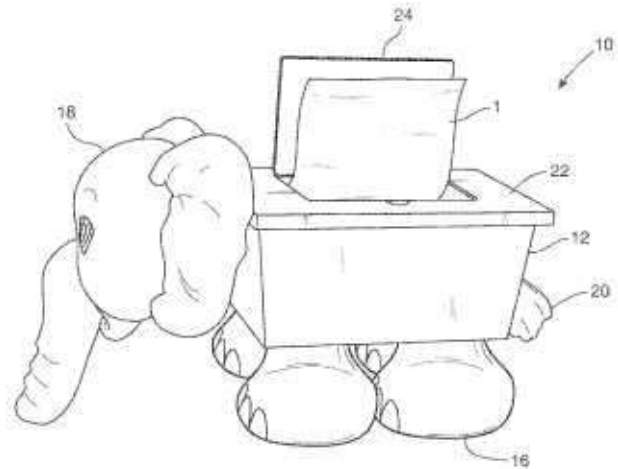
CCA - [A47K2010/3233](#) ;
[A47K2010/3266](#)

CUA - [B65D2251/0018](#) ;
[B65D2251/0028](#) ;
[B65D2251/0081](#) ;
[B65D2251/009](#)

PA - LEMASTER INVEST LLC [US]

TI - Decorative **Container**

AB - A decorative **container** is disclosed. In an example, the decorative **container** includes a **container** portion having a cavity configured to receive **wipes** or tissues. The example decorative **container** also includes a weighted bottom portion under the **container** portion. The example decorative **container** also includes a removable **cover** configured to fit on the **container** portion. The example decorative **container** also includes a lid on the **container** portion. The lid is configured to



operate between an **open** position and a **closed** position on the **container** portion. The example decorative **container** also includes a decorative portion on the **container** portion.

50/1.909 © EPODOC / EPO

PN - [CN107837097](#) A 20180327
PR - CN20171997946 20171024
AP - CN20171997946 20171024
DT - I
CNOI - [A61B10/02](#)
PA - LIU YONGHONG
TI - **Swab** device suitable for sampling
AB - The invention relates to the field of medical sampling devices, in particular to a **swab** device suitable for sampling. The **swab** device comprises swabs, a **swab box** and a grabbing mechanism. The **swab box** comprises a **box** body and a **box cover**. The swabs are arranged in the **box** body. The **box cover** is provided with an **opening** and is provided with two slide covers in a sliding mode. The two slide covers are each provided with a semicircular hole. The two slide covers slide on the **box cover** to **cover** the **opening**, and the two semicircular holes are combined into a circular hole. The grabbing mechanism comprises a hollow rod, two clamping plates, a connecting rod and a push rod motor. The two clamping plates are rotationally connected with the hollow rod. The push rod motor is installed in the hollow rod. The two ends of the connecting rod are connected with the two clamping plates in a sliding mode respectively. The push rod motor is connected with the connecting rod and drives the connecting rod to slide on the two clamping plates so that the two clamping plates can be folded and unfolded. During sampling, the **swab box** is shaken, and the ends, away from water absorption cotton, of the swab extend out of the **swab box**; the push rod motor is then pushed, and the two clamping plates clamp the ends, extending out of the **swab box**, of the swabs. The swabs can be prevented from being polluted by external tools.

51/1.909 © EPODOC / EPO

PN - [CN107826499](#) A 20180323
PR - CN201711233027 20171130
AP - CN201711233027 20171130
DT - I
CNOI - [B65D81/22](#) ; [B65D83/02](#)
PA - CHANGSHENGJIE
TI - Novel medical cotton **swab containing** device convenient to use
AB - The invention discloses a novel medical cotton **swab containing** device convenient to use. The novel medical cotton **swab containing** device comprises a **containing** shell, a medical cotton **swab** outlet, a rotating shaft, a top **cover**, a supporting plate, fixed bolts,

adjusting nuts, rubber suction cups, medical cotton swabs, a fixed shaft, a rotating rod, a rotating head, a baffle, rotating plates, a liquid pool, a liquid injection pipe, a **sealing cover**, a liquid outlet pipe, a liquid outlet valve, a **containing** plate, a cotton **swab** rod **containing** groove, a cotton **swab** head **containing** groove and an arc plate. The novel medical cotton **swab containing** device convenient to use is reasonable in structure and novel in design; through the mutual cooperation function of the rotating rod, the rotating head, the rotating plates, the arc plate and the baffle, the medical cotton swabs in the **containing** shell are taken out one by one, it is guaranteed that the inner sequence of the **containing** shell is stable, a user can take out the medical cotton swabs conveniently, and use is facilitated; and through the mutual action of the fixed bolts, the adjusting nuts and the rubber suction cups, the **containingshell** is fixed, practicality is good, and use and popularization are convenient.

52/1.909 © EPODOC / EPO

PN - [CN107822815](#) A 20180323

PR - CN201711264330 20171205

AP - CN201711264330 20171205

DT - I

CNOI - [A61G12/00](#)

PA - XIA AIHUA

TI - Medical **box** for nurse

AB - The invention discloses a medical **box** for nurse. The medical **box** comprises a medical **box** main body, wherein a drawer is arranged at one end of the medical **box** main body; a spare **box** is arranged in the middle of the medical **box** main body; a bottled medicine fixing plate is arranged at one side of the spare **box**; at the other side of the bottled medicine fixing plate, a sanitary **napkin** placing area is arranged in the medical **box** main body; an injector placing **box** is arranged at one end of the sanitary **napkin** placing area; and a **cover** plate is movably connected to the end, **close** to the injector placing **box**, of the medical **box** main body. The medical **box** has the beneficial effects that by arranging the placing **box** and the placing area in the medical **box** main body, apparatuses are placed in a classified mode, so that the apparatuses, which are in need, can be taken out rapidly and timely; fixing holes, which are different in size, are formed in the bottled medicine fixing plate, so that medicine bottles, which are different in diameter, can be fixed in the fixing holes, and the circumstance that the medicine bottles get broken due to collision can be prevented; and by virtue of the drawer which is arranged at one end of the medical **box** main body, sundries can be collected, so that disease infection when the apparatuses get into contact with the sundries can be prevented.

53/1.909 © EPODOC / EPO

PN - [CN207129192U](#) U 20180323

PR - CN201721166485U 20170913

AP - CN201721166485U 20170913

DT - I

PA - DEXING JINLIN IND CO LTD

TI - Medical **swab packagine** machine

AB - The utility model relates to a cotton **swab** packing processing technology field, and disclose a medical **swab packagine** machine, including the under casing, the equal fixedly connected with gyro wheel in bottom both sides of under casing, the internally mounted of under casing has the wheel of drive, the drive takes turns to swing joint has the conveyer belt, and the conveyer belt is located the topof under casing, the equal fixed connection baffle in the front and the back at under casing top, the one side at under casing top has been cup jointed and has been processed the **box**, one side fixedly connected with dust **cover** of processing **box**. This medical **swab packagine** machine, through the drive belt with the medical **swab** conveying inside to the processing **box**, through the **packagine** machine of processing **box** top installation, make the pneumatic cylinder drive the telescopic link make the **sealer** in bags medical **swab seal**, through the air of air suction pump extraction processing **box**, reduce the cotton **swab** and pollute in the course of working, the disinfection of disinfecting of ultraviolet ray disinfection lamp through processing **box** internally mounted reduces the bacterium in the **packaging** process, the quality of assurance product accords with medical level, reaches hygienic standard.

54/1.909 © EPODOC / EPO

PN - [CN207100424U](#) U 20180316

PR - CN20172567698U 20170519

AP - CN20172567698U 20170519

DT - I

PA - HUNAN TIANAI AGRICULTURAL TECH CO LTD

TI - Soybean automated production device

AB - The utility model discloses a soybean automated production device, the on -line screen **storage** device comprises a base, be equipped with decontamination mechanism, **wiper** mechanism, dry mechanism, sanitizing means and conveying mechanism on the base upper surface, conveying mechanism is by **opening** the shifting chute on the base, the setting just is located the support frame of shifting chute one end at the base upper surface, the removal frame of setting in the shifting chute is inserted to stretch out and draw back a motor flexible end and one end, **open** the guide way on removing the horizontalpartial lower surface of frame, the deflector of dress in the guide way is inlayed at two flexible ends in the flexible motor and one end to the setting, the setting is at deflector one side rotatingelectrical machines on the surface, the setting is at the manipulator of the rotatory end of rotating electrical machines, the soybean of movable mounting in the manipulator holds the **box**, **open** the **opening** that holds **box** upper surface the soybean, hinged joint is at the buckle **closure** of **opening** part, even a plurality of through -holes of **opening** on the soybean holds **box** and buckle **closure** constitute jointly, be equipped with PLC control system on the base side surface. The utility model discloses wash thorough, automatic by force.

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PN - [JP2018036767](#) A 20180308

PR - JP20160167977 20160830

AP - JP20160167977 20160830

DT - I

FI - A47K7/00&101; D06M17/00&M; G06K19/02&070
 FT - 2D134/AD00; 4L032/AB02; 4L032/AB03; 4L032/AC03; 4L032/BD05
 PA - FSX INC
 TI - HAND **TOWEL**
 AB - PROBLEM TO BE SOLVED: To provide an inexpensive hand **towel** which can be easily counted.SOLUTION: A hand **towel** comprises a main body 4 formed of **towel** cloth and impregnated with water, a **tag** sewn on the peripheral part of the main body or in the vicinity thereof so as to **close** an **opening** of a bag-like **storage** part 8, and an IC **tag stored** in the **storage** part of the **tag**. An emblem is marked on the **tag** and the IC **tag** has heat resistance to temperature in a refrigerator and chemical resistance and waterproofness to an agent used for washing.SELECTED DRAWING: Figure 1

56/1.909 © EPODOC / EPO .

PN - [CN207089250U](#) U 20180313
 PR - CN20172982252U 20170808
 AP - CN20172982252U 20170808
 DT - I
 PA - RUIAN LUXURY AUTO PARTS CO LTD
 TI - **Wiper** motor
 AB - The utility model relates to a **wiper** motor, reinforcing motor **seal** nature to promote the waterproof nature of motor, the life of extension motor, for realizing above -mentioned purpose, the utility model provides a following technical scheme: a **wiper** motor, includes the reducing gear **box**, the motor, the motor includes electric motor rotor, motor housing, and characterized by: motor housing and reducing gear **box** junction are equipped with the **sealing** device of adaptation, **sealing** device includes **seal** ring, **seal** ring is equipped with inside lining portion and **cover** portion respectively, fixed connection between inside lining portion and the **cover** portion, inside lining portion and **cover** portion are the vertical position relation.

57/1.909 © EPODOC / EPO .

PN - [CN107800938](#) A 20180313
 PR - CN201711226997 20171129
 AP - CN201711226997 20171129
 DT - I
 CNOI - [B08B1/006](#) ; [B08B1/04](#) ; [B08B3/02](#) ; [H04N5/2251](#) ; [H04N5/2252](#)
 PA - WUHAN HAHA CONVENIENCE TECH CO LTD
 TI - Camera component with automatic cleaning function
 AB - The invention discloses a camera component with an automatic cleaning function, comprising a **sealing box**, a camera module, a cleaning module, a motor module and a controller, wherein the camera module, the motor module and the controller are arranged in the **sealing box**, a lens observes the outside through a first small hole, a sponge ring is arranged on a turntable of the cleaning module, the sponge ring continuously **wipes** the surface of the lens when being rotated by the turntable, and through holes with the same size as the first small hole are formed in the sponge ring

and the turntable in an overlapped mode to prevent the lens from being blocked; and when the camera module is not in work, the sponge ring covers and protects the lens. According to the scheme of the invention, a removable protective **cover**, a liquid **storage** warehouse, a spray head and an electric universal joint can also be additionally arranged, the spray head can spray cleaning liquid to clean the lens or the removable protective **cover**, and the electric universal joint can increase the observation scope of the camera component. The camera component disclosed by the invention is simple in structure and small in space occupation, can effectively clean the lens and prevent the lens from being contaminated, part of the components can be removed and replaced, the cost can be reduced, and the service life can be prolonged.

58/1.909 © EPODOC / EPO

PN - [CN107796653](#) A 20180313
 PR - CN201711283636 20171207
 AP - CN201711283636 20171207
 DT - I
 CNOI - [G01N1/08](#)
 PA - NANJING YUHUATAI INTELLECTUAL PROPERTY PROMOTION CENTER
 TI - Portable combined soil detection **storage** device capable of continuously sampling
 AB - The invention discloses a portable combined soil detection **storage** device capable of continuously sampling. The portable combined soil detection **storage** device capable of continuously sampling comprises a **box** body, a sampling piece and a groove; a protective plate is fixed at the lower end of the **box** body; fasteners are arranged on the two sides of the **box** body; a stabilizing cavity is fixed in the **box** body; a protective **cover** is arranged on the surface of the upper end of a **storage** cavity; a cleaning device is arranged at the lower end of the protective **cover**; a cutting ring is fixed at the lower end of the internal part of the sampling piece; the groove is formed in the edge of the lower end of the internal part of the cleaning device; and a first scraping groove is formed in the surface of the internal part of a scraping piece. According to the portable combined soil detection **storage** device capable of continuously sampling, the internally arranged cleaning device can **wipe** and clean the cutting ring after sampling, the sampled soil can remain in the **storage** cavity well, a waterproof device in the protective **cover** can be **closed** after the sampling piece is pulled out, water loss of the sampled soil is effectively avoided, the **box** body can be slung over shoulders through a strap, the inner capacity is large, various soil can be **stored**, and one object has two purposes.

59/1.909 © EPODOC / EPO

PN - [CN207074930U](#) U 20180306
 PR - CN201721016074U 20170814
 AP - CN201721016074U 20170814
 DT - I
 PA - CHANGZHOU WUQI AUTO ELECTRIC CO LTD
 TI - New energy automobile is AC motor for **wiper**
 AB - The utility model provides a new energy automobile is AC motor for **wiper**, including

casing, AC motor axle, rotor, stator and terminal **box**, the casing top then is equipped with to hold with the link means AC motor brake power of AC motor brake power end meshing and is fixed with output gear, and the link means includes swing arm, connecting rod with the output gear meshing, wobble wheel, extensionbar, the link means external fixation has a connecting rod **cover** shell, and connecting rod **cover** shell dustcoat in casing and AC motor off -axial, extension bar stretch out the connecting rod and overlap the shell and scrape the arm transmission with the **wiper** and be connected, connecting rod **cover** shell upper surface be the inclined plane setting, and by the inclined plane transitional coupling to the side of upper surface and each, the terminal **box** is fixed in connecting rod **cover** shell, terminal **box** and rotor line connection, and last the **opening** of shell body of the machine shell has the wiring hole that supplies the terminal **box** circuit to insert, the downthehole **cover** of working a telephone switchboard there is the water proof **cover**, and water proof **cover** internal surface is equippedwith meets water inflation **sealing** rod. The utility model discloses adaptable humid environment, the dampproofing and waterproofing performance is good, and the **wiper** AC motor have than long life.

60/1.909 © EPODOC / EPO

- PN - [CN207041739U](#) U 20180227
- PR - CN20172160559U 20170222
- AP - CN20172160559U 20170222
- DT - I
- PA - HUANG YIHONG
- TI - Portable disinfecting cotton **swab box**
- AB - The utility model discloses a portable disinfecting cotton **swab box**, including the **box** body, be provided with the baffle more than in the middle of the **box** body, more than one stock solution chamber is cut apart into with the chamber that holds in the middle of the **box** body to the baffle more than, and the equal **opening** in **box** body both sides, one side **open** end of **box** body are provided with one can be along with the membrane that **seals** of compression failure, and the **open** -top in stock solution chamber rectifies and all sets up a **seal cover** to every stock solution chamber, the opposite side **open** end of **box** body is provided with one can be along with the ejection mechanism who removes about the slide rail. The utility model discloses simple structure, the use is carried in the outdoor travel of mainly used, places an independent cavity in the every cotton **swab** in, utilizes ejection mechanism to pass independent setting's cotton **swab** that to **seal** the membrane ejecting during the use, andwhole root handle also can pass the antiseptic solution thereupon when ejecting, can all carry out a disinfection to all positions when using like this, and independent setting's cotton **swab** is not used by other cotton swabs in addition influences, reduces contaminated probability, increases the live time.

61/1.909 © EPODOC / EPO

- PN - [CN207018951U](#) U 20180216
- PR - CN20172451028U 20170427
- AP - CN20172451028U 20170427
- DT - I

PA - YANHAIJUN

TI - Outdoor clean environmental protection LED shot -light

AB - The utility model discloses an outdoor clean environmental protection LED shot -light, including LED shot -light upper **cover** and ponding **box**, the centre of LED shot -light upper **cover** is equipped with clear glass, clear glass's bottom is equipped with anti - light cup, the top of LED shot -light upper **cover** is equipped with the ponding **box**, the bottom of ponding **box** is equipped with a plurality of small **openings**, solar cell panel and battery electric connection, battery and motor, motor and control switch electric connection, control switch and **wiper** and LED shot -light electric connection, this kind of outdoor clean environmental protection LED shot -light, the use practicality is strong, through being equipped with solar cell panel, make and to become the work of electric energy confession LED shot -light to solar energy transformation, make LED shot -light not only energy -conservation but also environmental protection, through being equipped with the **wiper**, make **open** air LED shot -light rainy day, the small **opening** that the rainwater can advance the water tank reaches clear glass department, and the work of **wiper**, can make the rainwater of arrival clear glass department partly at a distance from keeping off, thereby make the LED shot -light be difficult for intaking.

62/1.909 © EPODOC / EPO

PN - [CN207001211U](#) U 20180213

PR - CN20172848892U 20170713

AP - CN20172848892U 20170713

DT - I

PA - HUBEI UNIV OF MEDICINE

TI - Novel rotation type cotton **swab box**

AB - The utility model relates to a novel rotation type cotton **swab box**, including barrel, upper end **cover**, baffle and bottom end **cover**, the upper end **cover** form by outer lid of rotation type and fixed inner **cover** body, the upper end of barrel seted up with fixed inner **cover** body assorted recess, fixed inner **cover** body connect in the recess of the upper end of barrel with the form of embedding, fixed inner **cover** body on has seted up out and has signed the hole, the outer lid swing joint of rotation type in the upper end of barrel, the photogenic position to signing the hole of the outer lid of rotation type has offered the quadrant arc and has gone out to sign the groove, the baffle be fan - shapedly, the baffle rotate to connect the top of lid outside the rotation type, the play sign the groove and **seal** through the baffle, bottom end **cover** detachably connect the lower extreme at the barrel, bottom end **cover** and barrel between be provided with elastic clamping mechanism. This design has simple structure, easily makes and practical efficient advantage.

63/1.909 © EPODOC / EPO

PN - [CN207001411U](#) U 20180213

PR - CN20172820920U 20170708

AP - CN20172820920U 20170708

DT - I

PA - LUO CHANGWEI

- TI - Disposable medical **swab** retrieves **box**
- AB - The utility model discloses a disposable medical **swab** retrieves **box**, including left casing, left side casing left end middle part is equipped with the water inlet, left side casing inner chamber middle part fixed mounting has the baffle, the baffle left side is equipped with the cotton balls and retrieves the chamber, the baffle lateral wall is **opened** there is the baffle mouth, the flexible piece of baffle mouth left end outside fixed mounting, the flexure strip left end is equipped with the sawtooth, can block the cotton balls, with cotton balls and cotton **swab** separation, left side casing right -hand member lateral wall is **opened** there is the spout, inner cavity of the slide slot left end fixed mounting has the telescopic link, telescopic link outside **cover** has the spring, telescopic link right -hand member fixedly connected with right side casing, right side casing inner chamber is equipped with cotton **swab** bar and retrieves the chamber, right side casing right -hand member lateral wall is **opened** there is the cotton **swab** inserted hole, and the cotton **swab** is followed the cotton **swab** inserted hole and is inserted, the cotton balls is retrieved chamber and cotton **swab** bar recovery in cavity wall and all is equipped with sterilamp, can be for cotton balls and cotton **swab** bar disinfection.

64/1.909 © EPODOC / EPO

- PN - [CN107781860](#) A 20180309
- PR - CN20161729776 20160825
- AP - CN20161729776 20160825
- DT - I
- CNOI - [F24C15/007](#) ; [F24C15/14](#)
- PA - WANG QIHUA
- TI - Mechanical automatic lifting stove with internal drainage and power supply control
- AB - The invention belongs to the technical field of kitchen goods, and in particular, relates to a mechanical automatic lifting stove with internal drainage and power supply control. The stove comprises a stove body; a lifting table is arranged in the stove body; a gas stove is mounted on the lifting table; a double-**open** push-pull slide **cover** is arranged on the gas stove; a chute is formed in the stove body, and is provided with a through hole; a steel rope is inserted in the through hole; one end of the steel rope is connected with the double-**open** push-pull slide **cover** in the chute, and the other end is connected with the bottom of the lifting table; a fixed pulley is arranged in the stove body corresponding to the steel rope; guide rods are arranged on the left and right sides of the lifting table; through holes are vertically formed in the middle parts of the lifting table and the gas stove; screw rods are arranged in the through holes; nuts are fixed at the bottom of the lifting table corresponding to the screw rods; a power supply control **box** is arranged on the right side in the stove body; and water collecting mechanisms are arranged around the gas stove. The stove is simple in structure, is more convenient to **wipe** after each time of use of a kitchen, is convenient to clean, and saves both time and labors.

65/1.909 © EPODOC / EPO

- PN - [CN207078378U](#) U 20180309
- PR - CN20172837081U 20170711
- AP - CN20172837081U 20170711

DT - I

PA - ZHEJIANG DINGYE MACHINERY CO LTD

TI - Sanitary **towel** automatic **packaging** machine inhales a bag bagging mechanism

AB - The utility model discloses a sanitary **towel** automatic **packaging** machine inhales a bag bagging mechanism, adopt bag subassembly of inhaling of longitudinal symmetry, two sets of activities of inhaling bag subassembly and can do the mirror image about the order, the rotatory of rotating arm assembly by inhaling in bag subassembly is realized the separation of upper and lower two sets of suction nozzles and is **close** to, the bag of separating of wrapping bag postamble can held, the position is accurate from top to bottom, when inhaling bag subassembly horizontal anomalous movement can with the wrapping bag after **opening** the bag carry to positioning mechanism with the wrapping bag **cover** on it, the sanitary **towel** bagging -off of epilogue supplies. Bag subassembly of inhaling of symmetry has guaranteed that the wrapping bag position behind division bag is accurate, and **cover** that can be smooth is to positioning mechanism, horizontal anomalous movement makes both sides arrange tape -feed and positioning mechanism respectively, and mutual noninterference is rational in infrastructure, is convenient for realize automated processing on the whole.

66/1.909 © EPODOC / EPO

PN - [CN207078377U](#) U 20180309

PR - CN20172837316U 20170711

AP - CN20172837316U 20170711

DT - I

PA - ZHEJIANG DINGYE MACHINERY CO LTD

TI - Sanitary **towel** automatic **packaging** machine's **cover** is bag mechanism in bags

AB - The utility model discloses a sanitary **towel** automatic **packaging** machine's **cover** is bag mechanism in bags, wherein film feeding mechanism realizes exporting the **packaging** film, and form the single packing bag after the back **cover** cuts off, the wrapping bag is **opened** and is overlapped to the shaping carousel mechanism of packing by inhaling a bag bagging mechanism, make it can reach different positions from top to bottom when rotatory through set up the punishment in advance hole on the in the vertical position carousel, push cylinder comes push sleeve bag board, diminished by the driving terminal coverage area of portion at set bag board, be convenient for the wrapping bag **cover** on it, strut the wrapping bag after **cover** bag board restores to the throne and arrive the another one put by pushing equipment with the sanitary **towel** from the wrapping bag of one side punishment in advance hole propelling movement to **cover** bag board, when continuing the propelling movement with the wrapping bag push away from **cover** bag board and push to set up to face to face **seal** department of mechanism, each mechanism realizes the function separately to by accepting of carousel well -formed the different mechanisms of both sides, more reasonable on the space, automation on the wrapping bag of effectual realization sanitary **towel** takes shape is favorable to automatic packing on the whole.

67/1.909 © EPODOC / EPO

PN - [CN206968610U](#) U 20180206

PR - CN20172755028U 20170626

AP - CN20172755028U 20170626

DT - I

PA - ZHANG KUN

TI - Multifunctional windshield **wiper**

AB - The utility model provides a multifunctional windshield **wiper** belongs to automobile parts technical field. It has been solved current windshield **wiper** and has used the poor problem of inconvenient and energy -conserving effect. The utility model relates to a multifunctional windshield **wiper**, its characterized in that, **wiper** blade locate the windshield **wiper** pole other end, and these **wiper** blade bottom both sides all are equipped with the diversion strip that is used for collecting the rainwater, and this **wiper** blade is **close** to the inside inferior pipeline that is equipped with the trunk line and corresponds the diversion strip of diversion strip one end, and this trunk line and time pipeline UNICOM, connecting pipe set firmly the one end of being **close** to the strip of intaking in **wiper** blade, this trunk line through connection pipe, and the **cover** is equipped with the hose on the connecting pipe, and the one end that the connecting pipe was kept away from to the hose is located to the storage water tank, and **storage** water tank and hose UNICOM, so, when people when driving a vehicle rainy day, effect through **wiper** blade and diversion strip is in with rainwater guide to time pipeline, after this, alright loop through trunk line, connecting pipe and hose and **store** the rainwater to the **storage** water tank in for people can get up water resource reuse.

68/1.909 © EPODOC / EPO

PN - [CN206949840U](#) U 20180202

PR - CN20172940242U 20170730

AP - CN20172940242U 20170730

DT - I

PA - PANCHENHE

TI - Dish washing device

AB - Dish washing device for the convenient washing that realizes the bowl dish. Be equipped with the baffle in the casing inner chamber, two parts about the baffle falls into the inner chamber of casing are equipped with the blanking hole on the baffle, are equipped with the fly leaf in the baffle below, enclose into the hybrid chamber between fly leaf and the baffle, are equipped with ejecting spring between baffle and fly leaf, are fixed with **sealed** pole at the top of fly leaf, and the top of **sealed** pole is equipped with the nose cone, is equipped with the slide bar in the bottom of fly leaf, is fixed with the clamp plate in the bottom of slide bar, the parcel has sponge **wiper** in the lower part of casing, is equipped with the hole for water spraying on the casing outer wall relative with the hybrid chamber, be fixed with the drop guide at the baffle top, at the bottom of the top of baffle is equipped with the **storehouse**, be equipped with the end **cover** in the upper end of casing, enclose the chamber of placing that becomes to place edible alkali between at the bottom of end **cover**, solid fixed cylinder, casing and the **storehouse**, be equipped with solid fixed cylinder in the top of drop guide, be equipped with the active tube with drop guide in **close** contact with in solid fixed cylinder's inner chamber. The device can effectively realize cleaning the bowl dish.

69/1.909 © EPODOC / EPO

PN - [CN206939376U](#) U 20180130

PR - CN20172804582U 20170705

AP - CN20172804582U 20170705

DT - I

PA - SICHUAN PROVINCIAL PEOPLES HOSPITAL

TI - Medical disinfecting cotton **swab package**

AB - The utility model relates to the field of medical equipment, concretely relates to medical disinfecting cotton **swab package**. Soak the cotton **swab** that has the antiseptic solution including wrapping bag and head, separate in the wrapping bag for a plurality of **sealed** chambers, every **sealed** intracavity is equipped with an at least cotton **swab**, be equipped with the corresponding mouth of taking in a plurality of and **sealed** chamber in the wrapping bag, it has the piece of pasting to take mouthful out of a **cover**. The utility model discloses taking of pasting that the piece exposes that every **sealed chamber** corresponds only need be torn during the use and mouthful the cotton **swab** can be taken out, because the cotton **swab** in the whole wrapping bag is by every independent partial shipment in **sealed** chamber, therefore the finger can not contact remaining cotton **swab** and cause the pollution when the cotton **swab** of taking arbitrary **sealed** intracavity, since whole packet of cotton **swab** after by the partial shipment cotton **swab** quantity of every **sealed** intracavity less, generally can only satisfy and once use, therefore tear a **sealed** chamber at every turn and take the save problem that need not anxious surplus cotton **swab** behind the cotton **swab**, the efficiency of medical personnel's work is improved.

70/1.909 © EPODOC / EPO

PN - [CN206923723U](#) U 20180126

PR - CN20172696384U 20170615

AP - CN20172696384U 20170615

DT - I

PA - PLA ROCKET FORCE GENERAL HOSPITAL

TI - Medical work vest

AB - The utility model relates to a medical work vest, including the vest body, the vest body passes through the tape connection by vest anter and vest back part and constitutes, the vest anter comprises a positive right piece of the vest body of symmetry and the connection of the positive left side of vest body, vest body **openly** right side piece chest position has set gradually name magic paste sticking piece to below, instruct the bayonet socket bag, the outer **label** pocket of **package**, cloth bag is **wiped** to gloves pocket and apparatus, vest body **openly** left side piece chest position has set gradually the sign magic paste sticking of unit piece to below, the **package** sticky tape pocket of spare hole bag and band saw tooth cutting function, through the vest form, it integrates to pack required article with the apparatus, save the required space of apparatus packing, be fit for the day -to -day work, especially operation in the narrow and small space such as the urgent medical treatment rescue of field operations or various prurption public health incident, meanwhile, the tungsten steel hard alloy font nail has an attractive and elegant appearance, the dress is convenient, and be suitable for the dress of different stature personnel, the effectual work efficiency that has promoted.

71/1.909 © EPODOC / EPO

- PN - [CN206914765U](#) U 20180123
- PR - CN20172838196U 20170711
- AP - CN20172838196U 20170711
- DT - I
- PA - ZHEJIANG DINGYE MACHINERY CO LTD
- TI - Sanitary **towel** automatic **packaging** machine
- AB - The utility model discloses a sanitary **towel** automatic **packaging** machine, wherein film feeding mechanism exports the **packaging** film, forms the single packing bag after the back **cover** cuts off, the wrapping bag is **opened** and is overlapped to the packing carousel mechanism that takes shape by inhaling a bag bagging mechanism, the different positions of carousel mechanism through setting up the punishment in advance hole make it that punishment in advance hole can be reached when rotatory about on the carousel of in the vertical position, **cover** bag board department by inhale bag bagging mechanism with the wrapping bag **cover** on it, the pay-off structure is used for carrying the sanitary **towel** put immediately, and the holding frame is carried spacing ration around the sanitary **towel**, and the exit end sets up liftout pushing equipment, by the liftout subassembly liftout that make progress, material pushing component with the sanitary **towel** from the wrapping bag of one side punishment in advance hole propelling movement to **cover** bag board, push away the wrapping bag when the continuation propelling movement and **seal** from pushing to **seal** the mechanism to, each mechanism realizes the function separately to by accepting of carousel well-formed the different mechanisms of both sides, more reasonable on the space, automation on the wrapping bag of effectual realization sanitary **towel** takes shape.

72/1.909 © EPODOC / EPO

- PN - [CN206914758U](#) U 20180123
- PR - CN20172837110U 20170711
- AP - CN20172837110U 20170711
- DT - I
- PA - ZHEJIANG DINGYE MACHINERY CO LTD
- TI - Membrane guiding mechanism is cut to sanitary **towel** automatic **packaging** machine's membrane that draws
- AB - The utility model discloses a membrane guiding mechanism is cut to sanitary **towel** automatic **packaging** machine's membrane that draws, it can debug the interval after setting gradually a plurality of mechanisms, and on the target basis was painted to color code detection sensor measuring **packaging** film on drawing membrane film cutting mechanism, the possible accurate positioning stop who packs film position cut off the **packaging** film the solitary wrapping bag of the place ahead output by film cutting knife, through the incision position of the accurate different specification wrapping bags of debugging of the distance between debugging color code detection sensor and the film cutting knife, adapt to both and the relative position of color code detection sensor through debugging coding mechanism and back **cover** mechanism respectively, guarantee that coding mechanism stamps the sign indicating number in specified position, back **cover** mechanism **seals** a department and **seals** on the **packaging**

film, the orderly demand of carrying of the wrapping bag that can adapt to multiple specification can be debugged by each mechanism, and can be accurate **seal**, beat the sign indicating number on continuous **packaging** film, cut off makes whole strap have high accuracy and uniformity, assurance product quality rather than the pattern of last printing.

73/1.909 © EPODOC / EPO

PN - [CN206914761U](#) U 20180123
 PR - CN20172837082U 20170711
 AP - CN20172837082U 20170711
 DT - I
 PA - ZHEJIANG DINGYE MACHINERY CO LTD
 TI - Sanitary **towel** automatic **packaging** machine's shaping carousel mechanism of packing
 AB - The utility model discloses a sanitary **towel** automatic **packaging** machine's shaping carousel mechanism of packing, it makes the different positions about its punishment in advance hole when rotatory can be reachd from top to bottom to set up the punishment in advance hole on the carousel by the in the vertical position, set up sanitary **towel** pushing equipment and wrapping bag bagging mechanism respectively at the side, it comes push sleeve bag board to set up push cylinder near the punishment in advance hole of wrapping bag bagging mechanism position, diminished by the driving terminal coveragearea of portion at set bag board, be convenient for side wrapping bag bagging mechanism with the wrapping bag **cover** on it, strut the wrapping bag after **cover** bag board restores to the throne and arrive the another one put by sanitary **towel** pushing equipment with the sanitary **towel** from the wrapping bag of one side punishment in advance hole propelling movement to **cover** bag board, when continuingthe propelling movement with the wrapping bag push away from **cover** bag board and push to set up to face to face **seal** department of mechanism, carousel well - formed's the different mechanisms of havingaccepted both sides, more reasonable on the space, automation on effectual realization sanitary **towel** packing takes shape is favorable to automatic packing on the whole.

74/1.909 © EPODOC / EPO

PN - [CN206867331U](#) U 20180112
 PR - CN20172127759U 20170213
 AP - CN20172127759U 20170213
 DT - I
 PA - NANJING GENERAL HOSPITAL NANJING MILITARY AREA COMMAND PLA
 TI - Emergent nursing subassembly is dampened to soft tissue under field condition
 AB - The utility model provides an emergent nursing subassembly is dampened to soft tissue under field condition, it mainly comprises characterized by nursing **cover** and disinfection **package**, the disinfection **package** includes medical gauze, disinfection liquid medicine, cotton **swab** and the antiphlogistic powder of packing in the bag, nursing **cover** wrap up in or paste on dampening soft tissue part position characterized by including dual layer jacket, this dual layer jacket energe **storage** pack dual layer jacket in be fixed with semiconductor refrigeration chip, be connected with the battery **cover** into the semiconductor refrigeration chip power supply in one side of

dual layer jacket, frustrate wound to carry out the cold compress hemorrhage in order to prevent dampening to hug **closely** semiconductor refrigeration chip's refrigeration face earlier stage, dampen the dual layer jacket reverse locating that the later stage will be fixed with the quiet chip of semiconductor refrigeration and frustrating wound, the cooling surface that utilizes semiconductor refrigeration chip is hugged **closely** and is frustrated wound and carry out the hot compress, accelerates the detumescence. The utility model discloses dampen the characteristics of nursing according to the soft tissue, can the cold compress, again can the hot compress, make the patient be in a comparatively comfortable state all the time, can not influence normal walking. Can shorten the course of disease greatly and have simple structure simultaneously, it is small, convenient to carry's advantage.

75/1.909 © EPODOC / EPO

- PN - [CN206867194U](#) U 20180112
- PR - CN201621445615U 20161227
- AP - CN201621445615U 20161227
- DT - I
- PA - UNIV HENAN POLYTECHNIC
- TI - A ware is **wiped** to automatic water spray of integral type
- AB - The utility model discloses a ware is **wiped** to automatic water spray of integral type, 1 upper and lower both sides in the water tank be provided with **sealed cover** 10 with water spray pipeline 4, the box body upside is equipped with handle 9, the **box** body downside is installed the arc and is scraped brush 5 and sponge brush 6, is equipped with valve 2 on the left of the **box** body for controlling the water of water spray pipeline 4 and **closing**, the **box** body right side is provided with inflator 8, and pipelines end that links to each other with inflator 8 and 4 ends in the water spray pipeline all are equipped with one -way check valve 3, place liquid reflux. Inflating for 1 li to the water tank with the inflator, **opening** valve 2, water spray pipeline 4 just begins automatic water spray, and brush 5 is scraped to the arc, and to have cleared up the greasy dirt water stain, and sponge brush 6 is used for drying. Originally, wiping ware and adopting an integral type structure and an automatic water jet equipment, go out the hydration and fit, the decontamination is convenient, it is swift to dry, clears up respond wellly.

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- PN - [CN206891432U](#) U 20180116
- PR - CN20172599651U 20170526
- AP - CN20172599651U 20170526
- DT - I
- PA - OCEAN UNIV CHINA
- TI - Device based on temperature gradient measures oceanic turbulence
- AB - The utility model especially relates to a device based on temperature gradient measures oceanic turbulence. It includes **wiper seal** cabin, sensor unit and fin, the **wiper seal** cabin with the fin is provided with the support, support one end is passed through the staple bolt and is connected and to fix on the **wiper seal** cabin, the other end of support is connected on the fin, still install the connecting rod on the link, both ends all are

equipped with the cabin **cover** about the **wiper seal** cabin, still are equipped with watertight connector on the upper hatch **cover** wherein, the kuppe is installed to the lower extreme of cabin **cover** down, sensor unit installs on the kuppe. The utility model discloses a but sensor sensory unit **contain** 2 side by side and in parallel's quick temperature sensor and the quick temperature sensor simultaneous working of 1 pressure sensor, 2, the high -speed temperature gradient who gathers the sea water changes in succession. The utility model discloses use the temperature gradient method to measure sea water torrent dissipation of heat energy and rate, have precision height, fast characteristics, improved and measured the quality that torrent dissipation of heat energy is rateed.

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- PN - [CN206896289U](#) U 20180119
- PR - CN20172145600U 20170217
- AP - CN20172145600U 20170217
- DT - I
- PA - UNIVZHENGZHOU
- TI - Novel bath basket
- AB - The utility model provides a novel bath basket, including the **open box** body in top, **box** body top rear side border articulates through the hinge has the waterproof **cover**, it separates into three two baffles that hold the chamber with the **box** body to be provided with along the vertical direction in the **box** body, the fore -and -aft direction setting is all followed to every baffle, **box** body top frontside and rear side articulate respectively has a handle, the lower surface front side border middle part of waterproof **cover** is provided with first magnet piece, **box** body top front side middle part is inlayed and is equipped with a first iron plate, waterproof **cover** lower surface edge is provided with the first **sealing** strip of round. The utility model discloses separate bath basket inner space to be provided with the drawer of placing glasses, wrist -watch, cell -phone specially and stepping on article, people not only can separately place body washing agents such as **towel**, bath **towel**, shampoo, shower bath when bathing and hold the intracavity, but also can place glasses, these article of wrist -watch in the drawer. So, people can deposit itemtype item -Class when bathing and put, easilyget and put, convenient health, safe and reliable.

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- PR - KR20160097797 20160801
- AP - KR20160097797 20160801
- DT - I
- PA - KONGJU NATIONAL UNIV INDUSTRY UNIV COOPERATION FOUNDATION [KR]
- TI - Cosmetics case
- AB - The present invention relates to a cosmetic **container**. According to the present invention, the external appearance and frame of the cosmetic **container** (1) are formed by a **container** main body (10). Inside the **container** main body (10), an inner space (12) is disposed for **storing** a remover solution. An **opening** (14) is formed on an upper part of the cosmetic main body (10) to make the inner space (12) communicate with the

outside. An auxiliary **container** (20) is joined to the **opening** (14). A supply passage (22) communicating with the **opening** (14) is formed on the auxiliary **container** (20), and an accommodation portion (24) is formed in a concave shape, where some of the remover solution (L) transferred through the supply passage (22) from the inner space (12) is accommodated. A **cover** (30) is joined to the upper part of the **container** main body (10) to be able to be separated. The **cover** (30) shields the **container** main body (10) and the inner surface thereof simultaneously comes into **close** contact with an upper part of the auxiliary **container** (20). According to the present invention with the same configuration, only some of the remover solution accommodated in the accommodation portion of the auxiliary **container** can be coated on a **swab** for use, thereby preventing the entire remover solution from being contaminated by the used **swab** and providing convenience of readily using a **swab**.

Interruption by user...

[SS 8]