



New connection on: : 06-03-2018 : 22:12:03 - Last disconnection on: : 06-03-2018 : 22:11:21

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 19] ..fi EPODOC

 Database: EPODOC

[EPODOC: SS 19] (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 1.798

[SS 20] ..li



1/1.798 © EPODOC / EPO

PN - [US2018002195](#) A1 20180104

PR - GB20160011495 20160630

AP - US201715639074 20170630

DT - *; Rep

CCI - [C02F1/40](#)

PA - ATTARD CHRISTIAN [GB]; FITZPATRICK CORMAC [GB]

TI - **WIPER** BLADE ASSEMBLY FOR A GREASE RECOVERY DEVICE

AB - A grease recovery device 1 having a **container** 2 with walls 3 and a lid. The grease recovery device 1 further having a drum 5 for lifting fats, oils, grease and/or solids (FOGS) rotatably mounted on the **container** 2 and a **wiper** blade assembly 6. The **wiper** blade assembly 6 being in operable engagement with the drum 5. A wall 3 of the **container** 2 has an arrangement 7 for releasably housing the **wiper** blade assembly 6 in an operational position in the **container** 2. The releasable housing arrangement 7 comprising an **opening** 8 for slidably receiving the **wiper** blade assembly 6 and a support arrangement 9 disposed at or about the **opening** 8 so as to allow the **wiper** blade assembly 6 to be inserted into and removed from the grease recovery device 1 without removing the lid or **opening** any **cover** of the **container** 2.

2/1.798 © EPODOC / EPO

PN - [US2017355351](#) A1 20171214

PR - PL20150410833 20150109; WO2015EP80241 20151217

AP - US201515541730 20151217

DT - **

CCI - [B60S1/349](#)

CUI - [B60S1/3443](#) ; [B60S1/3479](#)

CCA - [B60S1/0433](#)

PA - VALEO AUTOSYSTEMY SP Z O O [PL]

TI - WATERDRAINAGE **COVER** FOR AN AUTOMOTIVE WINDSHIELD WIPING MECHANISM, BODY OF A SHAFT OF AN AUTOMOTIVE WINDSHIELD **WIPER** MECHANISM, AND AUTOMOTIVE WINDSHIELD **WIPER** MECHANISM **CONTAINING** THE **COVER** AND THE BODY

AB - The subject-matter of the invention is a water draining **cover** (1) for an automotive windshield wiping mechanism, **containing** a positive connection element (4) of the **cover**, adapted for securing on the body (2) of the shaft (11), **containing** an **opening** on the shaft (5) and surrounded by a gutter part (6) **containing** a drainage **opening** (7), characterized in that the positive connection element of the **cover** (4) does not have a continuous rotary symmetry with regard to the X axis, and in each transverse section in the plane perpendicular to the X axis it has the shape of a convex figure, and furthermore the positive connection element of the body (3) has means of blocking the movement of the **cover** (1) in a direction parallel to the X axis when the **cover** (1) is mounted on the body (2), preferably in the form of at least one projection and/or recess (9), preferably perpendicular to the X axis, while the X axis is defined as a straight line passing through the **opening** on the shaft (5), coinciding with the axis of rotation of the shaft (11) when the **cover** (1) is properly mounted on the body (2). The subject-matter of the invention is also the body (2) of a shaft (11) corresponding to the **cover** of the invention, as well as an automotive windshield **wiper** mechanism **containing** the **cover** (1) and the body (2).

3/1.798 © EPODOC / EPO

PN - [CN107212552](#) A 20170929

PR - CN20171414072 20170605

AP - CN20171414072 20170605

DT - I

PA - LIUZHOU POLY LAKE DRINK CO LTD

TI - Air exhausting lunch **box**

AB - The invention relates to an air exhausting lunch **box**. The air exhausting lunch **box** comprises a **box** body, wherein a first cavity for **containing** meal is formed in the **box** body, a second cavity for **containing** tableware and a third cavity for **containing napkin** paper are formed in one side of the first cavity side by side, a **box cover** is arranged at the upper end of the side wall of the **box** body, the side wall of the **box** body is hinged with the edge of the **box cover**, and an **opening** for taking the **napkin** paper is formed in the **box cover** corresponding to the third cavity body; and an air exhausting cylinder is arranged on the side wall, corresponding to the first cavity, of the **box** body. Compared with the prior art, the air exhausting lunch **box** can be used for simultaneously **storing** the tableware, toothpicks and the **napkin** paper and is convenient to carry and use; and air in the first cavity can be exhausted, so that the oxygen content is reduced, and the

quality of food in the first cavity is guaranteed for a long time.

4/1.798 © EPODOC / EPO

PN - [CN107184133](#) A 20170922

PR - CN20161162162 20160314

AP - CN20161162162 20160314

DT - I

PA - ZHANG YIXUAN

TI - **Napkin box**

AB - A **napkin box** comprises a **box** body and a **box** top. A side magnet is fixed to the left side of the **box** top, an oval hole is formed in the center of the **box** top, a **box** top magnet is fixed to the portion, at the right side of the oval hole, of the **box** top, a hinge is installed on the portion, at the left side of the oval hole, of the **box** top, the hinge is connected with a **box cover**, a **box cover** magnet is fixed to the lower portion of the right side of the **box cover**, and a handle is fixed to the right side of the **box cover**. The **box cover** is installed on the **napkin box**, napkins can be prevented from being polluted by dust, the **box cover** is attracted and fixed through the magnet and used very conveniently, and the dust can be prevented from entering the **box**. The **box cover** magnet can be attracted to the **box** top magnet to fix the **box cover**, and the dust-proofing effect is achieved. When the napkins are used, the handle is lifted with fingers, the **box cover** is **opened**, the **box cover** magnet is turned onto the magnet on the left side of the top of the **box** to be attracted to the magnet, and then the napkins can be used. In this way, the napkins can be drawn out conveniently, attractiveness is achieved, the dust and dirt can be prevented from entering the **napkin box**, and the **napkin box** is clean and sanitary.

5/1.798 © EPODOC / EPO

PN - [CN107166610](#) A 20170915

PR - CN20171392541 20170527

AP - CN20171392541 20170527

DT - I

PA - LI XIANZHANG

TI - Humidifier for office

AB - The invention discloses a humidifier for the office. The humidifier comprises an arc **box cover** and a base; an adjusting button, a large spraying **opening** and small spraying **openings** are formed in the arc **box cover**, a cavity is formed in the arc **box cover**, a cultivation frame is arranged in the cavity, LED lamps are evenly arranged on the periphery of the cultivation frame at intervals, an ultrasonic atomizer is arranged below the cultivation frame, a water **storage box** body is movably connected to the lower portion of the arc **box cover**, a water absorbing cotton **swab** is arranged below an atomizing piece, supporting feet are arranged at the bottom of the water **storage box** body, a base is arranged on the lower sides of the supporting feet, a battery is arranged in the middle of the base, grooves are formed in the two ends of the base, lower contacts are arranged at the bottoms of the grooves, springs are arranged in the grooves, a pressing plate is arranged at the upper ends of the springs, and an upper contact is arranged at the lower end face of the pressing plate. The humidifier for the office is simple in structure, the better humidifying effect can be provided, air is fresh,

and the ornamental value is achieved.

6/1.798 © EPODOC / EPO

- PN - [CN107137236](#) A 20170908
- PR - CN20171520375 20170630
- AP - CN20171520375 20170630
- DT - I
- PA - ZHANGXIANLIANG
- TI - Portable hinged spittoon capable of collecting spit and sterilizing at all times
- AB - The invention provides a portable hinged spittoon capable of collecting spit and sterilizing at all times; the back of a spittoon body is provided with a hinge lock, and the front of the spittoon body is provided with a hinge switch; a paper **box** with wax is arranged in each of upper and lower covers, and a replaceable paper pad wetted with 2% glutaraldehyde solution and peppermint oil is arranged in each paper **box**; a hinged tissue **box** is arranged at the outer surface of the upper **cover**, and tissue is arranged in the hinged tissue **box**; during use, the spittoon carried long is **opened**, a user spits onto the paper pad wetted with the 2% glutaraldehyde solution and peppermint oil and may use the tissue to **wipe** the lips and put the tissue into the spittoon before **closing** the spittoon, and the spit is squeezed by the upper and lower paper pads to mix with a sterilizing liquid that sterilizes the spit; the paper pads are provided with the peppermint oil, so that people may feel no peculiar odor when spitting again; the paper **box** with wax is directly taken out and incinerated in order to change the paper pads; the inner and outer surfaces of the spittoon are **wiped** with iodine tincture, the spittoon is then **wiped** with alcohol to remove iodine after the spittoon is dry, a new paper **box** with wax and its paper pads are put in, and accordingly the purpose of replacement is achieved.

7/1.798 © EPODOC / EPO

- PN - [CN107116518](#) A 20170901
- PR - CN20171532061 20170703
- AP - CN20171532061 20170703
- DT - I
- PA - YANCHENG PREC CASTING CO LTD
- TI - Toolbox for valve maintenance
- AB - The invention discloses a toolbox for valve maintenance. The toolbox for valve maintenance comprises bases and a **box** shell fixed at the tops of the bases; the **box** shell is of a hollow structure with an **opening** being formed at the top; clamping grooves are formed in the two sides of the **opening**; a hollow top **cover** is arranged on the upper portion of the top of the **box** shell; a placing shell located in the **box** shell is fixed at the bottom of the hollow top **cover**; a partition plate is fixed inside the placing shell and divides the interior of the placing shell into a plurality of **storage** chambers; and **towel** placing blocks located on the lower portion of the bottom of the placing shell are fixed on the inner wall of the bottom of the **box** shell. According to the toolbox for valve maintenance, through matching use of structures of rotary knobs, threaded rods, L-shaped fixing blocks, clamping blocks and the like, only the rotary knobs need to be rotated to enable the hollow top **cover** and the **box** shell to be separated or locked,

operation is easy, manufacturing cost is low, meanwhile, by arranging the multiple **storage** chambers and marking cards, maintenance tools can be **stored** in a classified mode, then taking is convenient, the time of finding the tools is shortened, and working efficiency is improved.

8/1.798 © EPODOC / EPO

- PN - [CN107107873](#) A 20170829
- PR - PL20150410833 20150109; WO2015EP80241 20151217
- AP - CN2015872719 20151217
- DT - I
- CCI - [B60S1/349](#)
- CUI - [B60S1/3443](#) ; [B60S1/3479](#)
- CNOI - [B60S1/349](#)
- CCA - [B60S1/0433](#)
- CNOA - [B60S1/0433](#)
- PA - VALEO AUTOSYSTEMY SP Z O O
- TI - Water drainage **cover** for an automotive windshield wiping mechanism, body of a shaft of an automotive windshield **wiper** mechanism, and automotive windshield **wiper** mechanism **containing** the **cover** and the body
- AB - The subject-matter of the invention is a water draining **cover** (1) for an automotive windshield wiping mechanism, **containing** a positive connection element (4) of the **cover**, adapted for securing on the body (2) of the shaft (11), **containing** an **opening** on the shaft (5) and surrounded by a gutter part (6) **containing** a drainage **opening** (7), characterized in that the positive connection element of the **cover** (4) does not have a continuous rotary symmetry with regard to the X axis, and in each transverse section in the plane perpendicular to the X axis it has the shape of a convex figure, and furthermore the positive connection element of the body (3) has means of blocking the movement of the **cover** (1) in a direction parallel to the X axis when the **cover** (1) is mounted on the body (2), preferably in the form of at least one projection and/or recess (9), preferably perpendicular to the X axis, while the X axis is defined as a straight line passing through the **opening** on the shaft (5), coinciding with the axis of rotation of the shaft (11) when the **cover** (1) is properly mounted on the body (2). The subject-matter of the invention is also the body (2) of a shaft (11) corresponding to the **cover** of the invention, as well as an automotive windshield **wiper** mechanism **containing** the **cover** (1) and the body (2).

9/1.798 © EPODOC / EPO

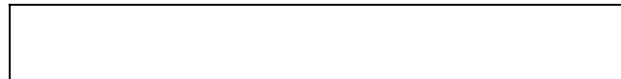
- PN - [US2017231438](#) A1 20170817
- PR - WO2014EP68394 20140829
- AP - US201415501237 20140829
- DT - **
- CT - || R141 (A1)
[US2849153](#) A 19580826 [] (TUTTLE JOHN N);
[US3840146](#) A 19741008 [] (BODEK G);
[US5642836](#) A 19970701 [] (MERRIWEATHER JR FRANK [US]);

[US2003221986](#) A1 20031204 [] (REINKE CHRISTOPHER [US], et al);
[US7178689](#) B2 20070220 [] (WIESER RUSSELL [US], et al);
[US2009272756](#) A1 20091105 [] (HACKNEY CLARK K [US]);
[US2013213995](#) A1 20130822 [] (HOREL BRIAN CHRISTOPHER [US], et al)

- CCI - [A47K10/422](#) ; [A47K10/423](#)
CCA - [A47K2010/3233](#) ; [A47K2010/3266](#)
PA - SCA HYGIENE PROD AB [SE]
TI - **DISPENSER** FOR INTERFOLDED NAPKINS
AB - A **dispenser** for interfolded napkins includes a **container** having a supporting surface for supporting a stack of interfolded napkins. The supporting surface extends in a horizontal plane, and is surrounded by side walls extending in a vertical direction perpendicular to the supporting surface. The side walls define a **dispensing opening** opposite the supporting surface. At least one **tab** is arranged in the **container** for retaining the stack of napkins during withdrawal of a **napkin** from the stack. The **tab** is pivotably arranged in relation to the **container** between a holding position, in which the **tab** extends horizontally over at least a portion of the **dispensing opening**, and a refill position, in which the **tab** is directed away from the **dispensing opening**. The **tab** pivots about a living hinge. One or more stop surfaces limit an extent to which the **tab** is able to turn about the living hinge toward the **dispensing** mouth.

10/1.798 © EPODOC / EPO

- PN - [CN206411940U](#) U 20170815
PR - CN2017231789U 20170112
AP - CN2017231789U 20170112
DT - I
PA - HENAN COLLEGE OF INDUSTRY & INFORMATION TECH
TI - English word shorthand teaching assistance device
AB - The utility model discloses an english word shorthand teaching assistance device, includes a **box** body and **box cover**, the **box** body passes through the hinge and the lid rotates the connection, the lid rotates the radian and is 180, one side of being **close** the lid in the **box** body inner chamber is equipped with the **opening**, be equipped with the middle level device in the **box** body inner chamber, the middle level unit bit is equipped with first recess in **open** -ended one side, be equipped with the lettering pen in the first recess,



middle level device inner end surface is equipped with **wipe** layer, middle level device outer end is equipped with first device layer, the lateral wall sliding connection of first device layer and **box** body inner chamber. The utility model discloses back writing surface second device layer present position in the immigration **box** body inner chamber is more forward extruded on first device layer, removes writing on the first clipboard of in -process and dried only by **wipe** layer, can repeat above -mentioned operation, avoids this waste of paper, and it can clamping device clamp english books side to finish using to use next time can not abandoned and lose.

11/1.798 © EPODOC / EPO

PN - [CN206394604U](#) U 20170811

PR - CN2017211650U 20170105

AP - CN2017211650U 20170105

DT - I

PA - JIANGSU YUNRUI AUTOMOBILE ELECTRICAL APPLIANCE SYSTEM CO LTD

TI - Novel **contain** multi -functional annex windscreen **wiper** structure

AB - The utility model discloses a novel **contain** multi -functional annex windscreen **wiper** structure, it includes windscreen **wiper** joint, annex, support, annex lid, and two side protecting covers, skeleton, two rivets, two rings buckle, two branches, two shell fragments, a brush piece, and the annex includes annex I and annex II, and the annex lid covers II, characterized by including annex lid I and annex: be equipped with I connecting hole of annex on annex I, be equipped with carrying shaft on the support, in I connecting hole of annex is gone into to the carrying shaft card, be equipped with two protecting **cover** connecting holes respectively at the both ends of skeleton, the skeleton adopts convex **closure** and protecting **cover** connecting hole to coordinate with the side protecting **cover**, in the protecting **cover** connecting hole with the convex **closure** card income skeleton of side protecting **cover**. Its advantage does: should should organize the annex can concentrate on with on a set of annex with ten kinds of windscreen **wipers** joint fits and advantage, can be applied to most of annexes on the market, and the range of application is wide, and adaptability is high, can satisfy more customer demands.

12/1.798 © EPODOC / EPO

PN - [CN106955044](#) A 20170718
 PR - CN20171144613 20170313
 AP - CN20171144613 20170313
 DT - I
 CNOI - [A47K3/001](#) ; [A47K10/48](#)
 PA - CHENGDU WANJIA HEALTH MAN CO LTD
 TI - Foot bath device provided with drying unit
 AB - The invention discloses a foot bath device provided with a drying unit. The foot bath device comprises a casing 1, wherein a hollow structure in the casing 1 is set as a water **storage** area 2, a sole pedal 5 is arranged at the bottom of the water **storage** area 2, massage bulge points 3 are arranged on the upper surface of the sole pedal 5, and electric heating wires 4 are arranged below the sole pedal 5; the electric heating wires 4 are connected with a control panel 6 through a temperature sensor, and the control panel 6 is arranged on the casing 1; the foot bath device further comprises limit blocks 10 and a **cover** 12, and a pedal partition 11 is arranged on the limit blocks 10; the **cover** 12 is of a hollow U-shaped structure, a hot air blower 13 is arranged in the **cover** 12, and air outlets 15 are formed in inner vertical faces of three sides of a U-shaped air pipe 14 and communicated with **openings** in three vertical faces of the inner side of the **cover**. The foot bath device has the beneficial effects that neither an unclean **towel** is touched by both hands nor feet are **wiped** with hands after the feet are washed, the feet are dried directly on the pedal partition, convenience and hygiene are realized, and diseases caused by the fact that the feet are not **wiped** to dryness are prevented.

13/1.798 © EPODOC / EPO

PN - [CN106931699](#) A 20170707
 PR - CN201511013415 20151231
 AP - CN201511013415 20151231
 DT - I
 CNOI - [F25D3/00](#) ; [F25D23/08](#) ; [F25D23/12](#) ; [F25D25/02](#)
 PA - JIAO YAN
 TI - Insulated **box**
 AB - The invention discloses an insulated **box** which comprises a placement device, wherein the placement device of foldable goods is arranged on a **box** body; the **box** body comprises an insulated **box** body with an accommodating hollow chamber and an upper **cover** of the insulated **box** body which can be covered on the insulated **box** body; the accommodating hollow chamber can be divided into a drug accommodating chamber and a cold source accommodating chamber by an energy **storage** partition board; the four walls of the **box** body are formed by a foaming layer and a thermoplastic plastic layer; a bottle **opener**, a trash bin and a **towel** rack are arranged on the outer wall of the **box** body; a discharge water valve assembly for draining water is arranged at the bottom of the **box** body; the **box** body is fixed with a Bluetooth module including a Bluetooth transmission unit, a power amplifier unit and a play unit; the energy **storage** partition board comprises a shell, and a heat **storage** agent or a frozen coolant having phase transition temperature hermetically arranged in the shell. The insulated **box** is convenient to use without occupying space, is convenient to transport

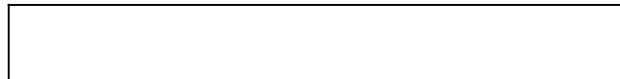
and carry, can receive play audio frequency, is easy to clean, is relatively wide to use, is solid and durable, and can protect quality of good in the insulated **box**.

14/1.798 © EPODOC / EPO

- PN - [CN206371377U](#) U 20170804
- PR - CN2017263147U 20170119
- AP - CN2017263147U 20170119
- DT - I
- PA - ZHANG KUN
- TI - Novel frame is **stored** to fruit tree grafting branch
- AB - Novel frame is **stored** to fruit tree grafting branch, including **store** frame main part, an upper **cover** plate, place the board, infiltration silver, **towel**, it has the vacuum cavity to **store** frame main part middle part, it has the **storage** chamber to **store** the frame main part, **storage** chamber upper portion has the board of placing cooperation groove, place board cooperation groove internal connection and place the board, it inlays and places the board **sealing** strip to place board bottom, it has a plurality of retainer plate mounting grooves to place the board, retainer plate mounting groove internal connection **seal cover** retainer plate, the **seal cover** is connected to the **seal cover** retainer plate, the **seal cover** is become by rubber, the **seal cover** internal connection silver that seeps water, place board upper portion and connect the **towel**, **towel** internal connection grafting branch, infiltration silver upper portion is connected in the **towel** outside.

15/1.798 © EPODOC / EPO

- PN - [MX2017002574](#) A 20170525
- PR - WO2014EP68394 20140829
- AP - MX20170002574 20140829
- DT - I
- CCI - [A47K10/422](#) ; [A47K10/423](#)
- CCA - [A47K2010/3233](#) ;
[A47K2010/3266](#)
- PA - SCA HYGIENE PROD AB [SE]
- TI - **DISPENSER** FOR INTERFOLDED NAPKINS.
- AB - The present disclosure relates to a **dispenser** for interfolded napkins, the **dispenser** (1) comprising a **container** (2) having a supporting surface (8) for supporting a stack of interfolded napkins. The supporting surface (8) extends in a horizontal plane, and is surrounded by side walls (6) extending in a vertical direction



perpendicular to the supporting surface (8), The side walls (8) define a **dispensing opening** (7) opposite the supporting surface (8), At least one **tab** (100) is arranged in the **container** (2) for retaining the stack of napkins during withdrawal of a **napkin** from the stack. The **tab** (100) is pivotably arranged in relation to the **container** (2) between a holding position, in which the **tab** (100) extends horizontally over at least a portion of the **dispensing opening** (7), and a refill position, in which the **tab** is directed away from the **dispensing opening**. The **tab** (100) pivots about a living hinge (101). One or more stop surfaces (103, 110) limit an extent to which the **tab** (100) is able to turn about the living hinge (101) toward the **dispensing** mouth (9).

16/1.798 © EPODOC / EPO

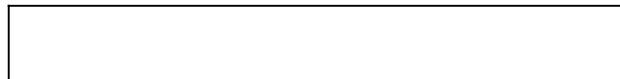
PN - [WO2017116453](#) A1 20170706

PR - WO2015US68217 20151231

AP - WO2015US68217 20151231

DT - *; Rep

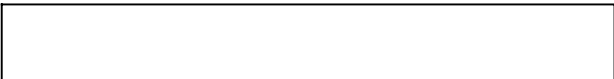
CT - |KR| ISR (A1)
[EP0074161](#) A2 19830316
 [XY] (GRACE W R & CO [US])
 [X] 1-2, 5
 * See page 7, lines 3-21, 25-30,
 page 8, lines 11-12 and figures 1-3. *
 [Y] 3-4, 6-27;
[US2014001196](#) A1 20140102
 [Y] (BUSHMAN LISA L [US], et al)
 [Y] 3-4, 10-12, 18-20 , 24-27
 * See paragraphs [0041]-[0043]
 and figures 2, 4, 6. *;
[JPH02258561](#) A 19901019
 [Y] (ORIHIRO CO LTD)
 [Y] 6-27
 * See page 3-4 and figures 1-3. *;



[US2011103720](#) A1 20110505
 [A] (DE MUINCK EBO JACQUES
 [NL])
 [A] 1-27
 * See paragraphs [0064]-[0065]
 and figure 5d. *;
[US2012312713](#) A1 20121213
 [A] (BANDO TAKESHI [JP], et al)
 [A] 1-27
 * See paragraphs [0087]-[0094]
 and figure 10. *

- CCI - [B65D83/0805](#) ; [B65D83/0894](#)
- CUI - [B32B27/00](#) ; [B65D65/38](#) ;
[B65D65/40](#) ; [B65D83/08](#)
- PA - KIMBERLY CLARK CO [US]
- TI - GUSSETED **DISPENSER PACKAGE**
 FOR WET **WIPE**S
- 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.

17/1.798 © EPODOC / EPO
 PN - [CN206295517U](#) U 20170704
 PR - CN201621262437U 20161121
 AP - CN201621262437U 20161121
 DT - I
 PA - SUN ERBAO



- TI - Public place fire prevention articles for use safe **box**
- AB - The utility model provides a public place fire prevention articles for use safe **box**, includes **box**, inlet tube, shower, **towel**, smoke protection face guard, electric valve, drain pan, the **box** is two check **boxes** of vertical setting, and **towel** and smoke protection face guard are placed respectively in two check **boxes**, is provided with the shower in the **box** top of placing the **towel**, the spraying pipe connected inlet tube, and electric valve is installed at the external water source of inlet tube on the inlet tube, and electric valve's electronic switching system is on the door frame, be provided with the wash port on the bottom plate of the **box** of placing the **towel**, be provided with drain pan, drain pan run -on water pipe in the below of **box**. When the conflagration breaing out, the personnel of fleing **open** the chamber door, and then the shower will be automatically sprays the **towel** of below, and the personnel of fleing take out **towel** and the smoke protection face guard that drenches, put into the smoke protection face guard with the **towel**, with smoke protection face guard area on the face, **cover** mouthful nose and eyes through the smoke protection face guard, can help the personnel of fleing to strive for the time and the chance of fleing.



AP	- CN20171181156 20170324
DT	- I
CNOI	- A01K5/01 ; A01K5/02 ; A01K7/02 ; A01K15/02
PA	- HEFEI ZHIHUIDIAN INVEST MAN CO LTD
TI	- Belt transmission burdening quantitative pet feeding device
AB	- The invention discloses a belt transmission burdening quantitative pet feeding device. The feeding device comprises a burdening box and a material storage barrel, the storage material barrel is fixed on top of the burdening box , a cover board is arranged in a hinged mode on the top mouth of the storage material barrel, a number one observation board is arranged on the side face of the burdening box , a lower hopper is arranged on the bottom of the burdening box , the lower hopper stretches into the inner side of the burdening box , a wipe slab is arranged on the outer side of the bottom mouth of the lower hopper, two transmission rollers are arranged on the inner side of the burdening box below the wipe slab, the transmission rollers through a fixed rod are fixedly connected with the inner wall of the burdening box , a transmission belt is arranged in a winding mode around the left and right transmission rollers, the upper surface of the transmission band adheres closely to the wipe slab, a support plate is arranged horizontally in the burdening box between the upper and lower band face of the transmission belt, the support plate adheres closely to the lower

surface of the upper transmission belt. The pet feeding device is simple and reasonable in structure, and ensures that the owner can also eat healthily when taking care of pets, and the device is very practical.

19/1.798 © EPODOC / EPO

PN - [CN106690733](#) A 20170524

PR - CN201611000740 20161114

AP - CN201611000740 20161114

DT - I

CNOI - [A45C11/20](#) ; [A45C13/001](#) ;
[A45C13/02](#) ; [A45C13/10](#)

PA - LIUZHOU BAILONG RESTAURANT
MAN CO LTD

TI - Antibacterial lunch **box**

AB - The invention relates to an antibacterial lunch **box**. The antibacterial lunch **box** comprises a **box** body, wherein a first cavity for **storing** meals is arranged in the **box** body; a second cavity for **storing** tableware and a third cavity for **storing napkin** paper are arranged in one side of the first cavity in parallel; a **box cover** is arranged at the upper end of a side wall of the **box** body; the side wall of the **box** body is hinged to the edge of the **box cover**; an **opening** for taking the **napkin** paper is formed in a part, corresponding to the third cavity, of the **box cover**; a nano-silver alloy coating film is arranged on an inner side wall of the first cavity. Compared with the prior art, the antibacterial lunch **box** can be used for **storing** the tableware, toothpicks and the **napkin** paper at the same time and can be used for resisting bacteria; the sanitation of the tableware is sufficiently



guaranteed and the antibacterial lunch **box** is convenient to use.

20/1.798 © EPODOC / EPO

PN - [CN106793896](#) A 20170531

PR - WO2014EP68394 20140829

AP - CN2014881534 20140829

DT - I

CCI - [A47K10/422](#) ; [A47K10/423](#)

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

PA - SCA HYGIENE PROD AB

TI - **Dispenser** for interfolded napkins

AB - The present disclosure relates to a **dispenser** for interfolded napkins, the **dispenser** (1) comprising a **container** (2) having a supporting surface (8) for supporting a stack of interfolded napkins. The supporting surface (8) extends in a horizontal plane, and is surrounded by side walls (6) extending in a vertical direction perpendicular to the supporting surface (8), The side walls (8) define a **dispensing opening** (7) opposite the supporting surface (8), At least one **tab** (100) is arranged in the **container** (2) for retaining the stack of napkins during withdrawal of a **napkin** from the stack. The **tab** (100) is pivotably arranged in relation to the **container** (2) between a holding position, in which the **tab** (100) extends horizontally over at least a portion of the **dispensing opening** (7), and a refill position, in which the **tab** is directed away from the **dispensing opening**. The **tab** (100) pivots about a living hinge (101). One or more stop surfaces (103, 110) limit an extent to which the **tab** (100) is able to turn about the living



hinge (101) toward
the **dispensing** mouth (9).

21/1.798 © EPODOC / EPO

PN - [CN106652112](#) A 20170510

PR - CN20161845208 20160924

AP - CN20161845208 20160924

DT - I

CNOI - [G06K9/00892](#) ; [G07C9/00563](#)

PA - CHENGDU CHUANGHUI KEDA
TECHNOLOGY CO LTD

TI - Intelligent multifunctional door
lock, control system and control
method

AB - The invention provides an
intelligent multifunctional door
lock, a control system and a
control method, and relates to
the field of locks. The intelligent
multifunctional door lock is
characterized in that the door
lock comprises a lock **box** and a
panel, a lock cylinder and a
handle are arranged on the
lock **box**, an operation panel
with a fingerprint sensor is
arranged on the panel, a
sliding **cover** can vertically and
slidably **open** and **close** and
covers the panel, sliders are
mounted on two sides of the
fingerprint sensor and can
vertically slide, guide grooves
are formed in the sliders,
fingerprint brushes are mounted
in the guide grooves in the left
slider and the right slider and
paste and **cover** the surfaces of
fingerprint identifiers, a power
device is arranged in the panel
and drives the fingerprint
brushes to **wipe** backwards and
forwards on the surfaces of the
fingerprint identifiers through
the sliders, fingerprints
remaining on the surfaces of the
fingerprint identifiers are



completely cleaned, and a camera is arranged on the sliding **cover**.

22/1.798 © EPODOC / EPO

PN - [US2017151557](#) A1 20170601

PR - CN20151843136 20151126

AP - US201615139650 20160427

DT - *; Rep

CCI - [A61F13/84](#) ; [A61B10/0096](#) ;
[A61F13/38](#) ; [B01L3/5029](#)

CQI - [B01L3/508](#)

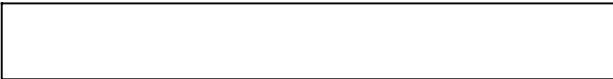
CCA - [A61F2013/8473](#) ;
[B01L2200/0689](#) ;
[B01L2200/141](#) ; [B01L2300/043](#) ;
[B01L2300/0663](#)

CQA - [B01L2200/08](#) ; [B01L2200/085](#) ;
[B01L2300/069](#)

PA - ZHEJIANG ORIENTGENE BIOTECH
CO LTD [US]

TI - Fluid Rapid Testing Device

AB - Disclosed is fluid rapid testing device, comprising: a **box** body having transparent side walls, a **box cover** cooperating with an **opening** of the **box** body, and a protection **cover** hinged to the **box cover**; wherein the testing device further comprises: a fluid sampling **swab**, a fluid collection chamber operable to accommodate the fluid sampling **swab** and collect a fluid on the fluid sampling **swab**, and a fluid collection groove in communication with a bottom of the fluid collection chamber; and a testing strip extending into the fluid collection groove is arranged on at least one inner wall of the **box**. The testing device according to the present invention has a simple structure and operation convenience. The **box** body of the testing device may be conveniently and



quickly **opened** or **closed**, a small amount of fluid is needed, the sampling process is simplified, and the fluid may also be conveniently taken out for subsequently-desired tests.

23/1.798 © EPODOC / EPO

PN - [KR20170051236](#) A 20170511

PR - US201562248463P
20151030; KR20150156254
20151107; KR20150185864
20151224; KR20160037235
20160328; US201662355118P
20160627; KR20160083061
20160630; KR20160083071
20160630

AP - KR20160129315 20161006

DT - I

PA - LG ELECTRONICS INC [KR]

TI - apparatus for both
humidification and air cleaning

AB - An apparatus for both
humidification and air cleaning
according to the present
invention comprises: a base
body; a water tank which
is **opened** on an upper
side, **stores** water therein, is
mounted on the upper side of a
base body, and is detachable
from the base body; a top **cover**
assembly disposed on the top of
the water tank; a water supply
channel disposed in the
top **cover** assembly for supplying
water to the water tank; and a
discharge channel disposed in
the top **cover** assembly for
discharging air inside the water
tank, wherein the discharge
channel and the water supply
channel are separated from each
other, and the discharge channel
is formed between the water
supply channel and the water
tank. The apparatus for both



humidification and air cleaning according to the present invention has an advantage that since the water supply channel is configured to be separated from the discharge channel, the water can be poured even when air is discharged, and since the top **cover** assembly can be separated from a visual body, the entire humidifying module can be **wiped** clean with water.

24/1.798 © EPODOC / EPO

PN - [CN206182962U](#) U 20170524
PR - CN20162749079U 20160716
AP - CN20162749079U 20160716
DT - I
PA - SHANDONG JINAN SALE BRANCH
PETROCHINA COMPANY LTD
TI - Positioner is put to material for fast food
AB - The utility model provides a positioner is put to material for fast food, includes that the material puts up and the base, material frame for the cylindrical plastic frame, the bottom of material frame be provided with the pivot, material frame **open** flutedly with the pivot junction, pivot and base fixed connection, the base **cover** sucking disc is equipped with, material put up sucking disc and dining table fixed connection, the material frame two -layer about being divided into, the upper strata is provided with toothpick, **napkin** carton, gauze mask **box** and disposable glove **box**, the inside of material frame be provided with evenly distributed's condiment **box**, the condiment **box** be fan - shaped **box**, the outside of condiment **box** be provided with



the out -of -the -**box** lid of
condiment, the intermediate
position of material frame **open**
and have a tableware section of
thick bamboo, this simple
structure, convenient to use
satisfies in the fast food
restaurant location of various
article and puts, resources are
saved reduces extravagantly.

25/1.798 © EPODOC / EPO

PN - [RU2618852](#) C1 20170511

PR - DE20111078185
20110628; WO2012EP60323
20120601

AP - RU20140102475 20120601

DT - I

CT - || STSE (C1)
[US2007174989](#) A1 20070802 [
] (TRICO PRODUCTS CORP);
[US5218735](#) A 19930615 [
] (VALEO SYSTEMES ESSUYAGE
[FR]);
[US4126911](#) A 19781128 [
] (ANDERSON CO);
[DE102008040063](#) A1 20100107 [
] (BOSCH GMBH ROBERT [DE]);
[RU2363602](#) C2 20090810 [
] (VALEO SISTEHM D EHSSJUAZH
[FR])

CCI - [B60S1/381](#) ; [B60S1/3881](#)

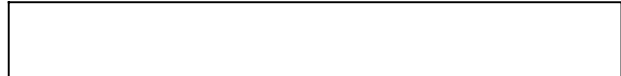
CNOI - [B60S1/381](#) ; [B60S1/3881](#)

CCA - [B60S2001/3818](#) ;
[B60S2001/3836](#)

PA - BOSCH GMBH ROBERT [DE]

TI - **WIPER**, PRIMARILY,
VEHICLE **WIPER**

AB - FIELD: transport.SUBSTANCE:
invention relates to a **wiper**,
primarily, a vehicle **wiper**. **Wiper**
has a carrier 10a **containing** the
carrier element 12a with
an **open** covering guide 70a,
designed to installing a rubber
band 40a of the **wiper** with



body **closure** in it. At least one vertical wall 62a, 64a of an unclosed female guide 70a forms with at least one of its horizontal wall 66a, 68a an acute angle 32a, 34a.EFFECT: invention extends the range of the **wiper** due to the torsional rigidity of the support element.8 cl, 7 dwg

26/1.798 © EPODOC / EPO

PN - [WO2017082460](#) A1 20170518

PR - KR20150155394
20151105; KR20150155396
20151105

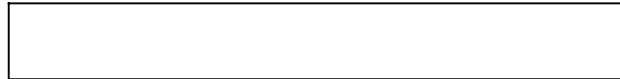
AP - WO2015KR13998 20151221

DT - *; Rep

CT - |KR| ISR (A1)
[KR20140008318](#) A 20140121
[A] (KIMBERLY CLARK CO [US])
[A] 1-5
* See paragraphs [0015]-[0032]
and figures 1-3. *;
[US2002179626](#) A1 20021205
[A] (HUANG YUNG HSIANG [US], et al)
[A] 1-5
* See paragraphs: [0033]-[0048]
and figures 1-14. *;
[KR200310016Y](#) Y1 20030408
[A] (HANUL HERB CO., LTD.)
[A] 1-5
* See page 2, line 16-page 3, line 8 and figures 1-4. *;
[JP2001245816](#) A 20010911
[A] (TAIKI CO LTD, et al)
[A] 1-5
* See paragraphs [0013]-[0035]
and figures 1-5. *;
[JPH10329878](#) A 19981215
[A] (NAKAMURA KENJI, et al)
[A] 1-5
* See paragraphs [0018]-[0045]
and figures 1-17. *

CUI - [A47K7/00](#) ; [A47K10/32](#) ;
[B65D83/08](#) ; [B65D47/06](#)

PA - WOOSU MEDICAL CO LTD [KR]



TI

- **WET WIPE CONTAINER**

AB

- The present invention provides a **wet wipe container** (300)(400) comprising a **wet wipe** withdrawing portion (330)(430) made of an elastic material that can restore the original shape such that, without having to inconveniently **open** and **close** a **cover** member, the same is widened only when a force is applied by a finger and enables the finger, which has entered the inner space, to easily pick up and withdraw a **wet wipe**, which stands by while remaining partially protracted, the same is again contracted after the withdrawal, prevents wet **wipes**, which are **contained** in the inner space, from being contaminated and from losing moisture through evaporation, and keeps the wet **wipes** standing by while partially protracted, the same protrudes to a predetermined height and forms the inner space, thereby facilitating the next withdrawal, and the same is **opened** only when a force is applied by a finger and allows the wet **wipes** therein to be withdrawn, wherein the **cover** member (322)(422) has a withdrawing portion coupling hole (323)(423) formed thereon such that the **wet wipe** withdrawing portion (330)(430) can be fitted and coupled thereto; accordingly, the **cover** member (322)(422) is **opened**, and the **wet wipe** withdrawing portion (330)(430) is fitted to engage with the withdrawing portion coupling hole (323)(423) and is made to protrude to the outside; and the **cover** member (322)(422) is again **closed** and fixed, and, in this state, the

wet **wipes** inside the inner space
(332)(432) can be withdrawn.

27/1.798 © EPODOC / EPO

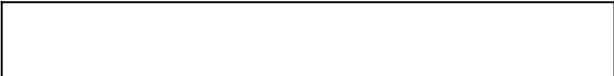
PN - [CN106610040](#) A 20170503
PR - CN20151701748 20151023
AP - CN20151701748 20151023
DT - I
PA - ZENG HUISAI
TI - Novel lifting cooking bench
AB - The invention belongs to the technical field of kitchen utensils, and particularly relates to a novel lifting cooking bench. The novel lifting cooking bench comprises a cooking bench body of a hollow structure. A **storage** cabinet is arranged on the lower portion of the cooking bench body. A lifting platform is arranged inside the cooking bench body and provided with a gas stove. A bilateral **opening** sliding **cover** is arranged on the gas stove. A sliding groove is formed in the cooking bench body and provided with a through hole. A steel wire rope penetrates through the through hole, one end of the steel wire rope is connected with the bilateral **opening** sliding **cover** in the sliding groove, and the other end of the steel wire rope is connected with the bottom of the lifting platform. A fixed pulley corresponding to the steel wire rope is arranged in the cooking bench body. Guide rods are arranged on the left side and the right side of the lifting platform. A hydraulic cylinder is arranged under the lifting platform. A hydraulic control mechanism is arranged on the left side inside the cooking bench body. A power supply



control **box** is arranged on the right side inside the cooking bench body. A water collecting mechanism is arranged around the gas stove. The novel lifting cooking bench is simple in structure, is convenient to **wipe** after a kitchen is used every time, is convenient to clean, and saves time and labor.

28/1.798 © EPODOC / EPO

PN - [CN106579706](#) A 20170426
PR - CN20161999848 20161114
AP - CN20161999848 20161114
DT - I
CT - || STSE (A)
[CN86201107U](#) U 19870304 [A]
[A] 1-3
* 全文 *;
[CN202874194U](#) U 20130417
[A] (FU RONGSHI)
[A] 1-3
* 全文 *;
[CN203417053U](#) U 20140205
[X] (ANHUI SHUCHENG HUAZHU IND CO LTD)
[X] 1-3
* 说明书第10-11段, 图1 *
CNOI - [A45C11/20](#)
PA - LIUZHOU BAILONG RESTAURANT
MAN CO LTD
TI - Tableware **box**
AB - The invention relates to a tableware **box** which comprises a **box** body, wherein a first cavity for placing tableware is arranged in a **box** body, one side of the first cavity is in parallel provided with a second cavity for placing paper **napkin** and a third cavity for placing toothpicks, the upper end of the side wall of the **box** body is provided with a **box cover**, the side wall of the **box** body is hinged with the edge of the **box**



cover, the **box cover** is provided with an **opening** for taking the paper **napkin**, wherein the **opening** is arranged facing to the second cavity, the first cavity is internally fixedly provided with a supporting frame for supporting the tableware, the upper end of the supporting frame is provided with a stabilization strip in a removable manner, and the stabilization strip and the supporting frame are combined for tableware stabilization. Compared with the prior art, the tableware **box** can **store** the tableware, the toothpicks and the paper **napkin** at the same time so as to fully guarantee the sanitation of the tableware, and the tableware, the toothpicks and the paper **napkin** can be taken and used immediately and are convenient to use.

29/1.798 © EPODOC / EPO

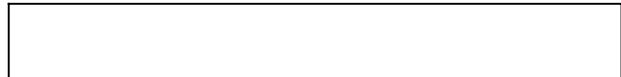
PN - [US9630765](#) B1 20170425

PR - US201615088766
20160401; US201562178449P
20150410

AP - US201615088766 20160401

DT - *; Rep

CT - || STSE (B1)
[US1556245](#) A 19251006 [
] (NEWLON JOHN S);
[US3212509](#) A 19651019 [] (DE
KOLB ERIC);
[US5024546](#) A 19910618 [
] (GUZMAN JULIO [US], et al);
[US6321937](#) B1 20011127 [
] (DESIMONE RONALD F [US], et al);
[US6986355](#) B2 20060117 [
] (BYUN YOUNG KWANG [KR]);
[US7226227](#) B2 20070605 [
] (GUERET JEAN-LOUIS [FR]);
[US7585125](#) B2 20090908 [
] (MUEHLHAUSEN HANS GEORG



[DE], et al);
[US8979409](#) B2 20150317 [
] (ULRICH KEVIN [US], et al)

CCI - [A47K10/426](#) ; [A45D40/04](#) ;
[A45D40/18](#) ; [B65D83/0805](#)

CCA - [A47K2010/3266](#)

PA - NELSON GEORGINA [US]

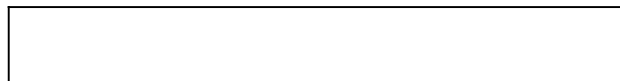
TI - Combination
 deodorant/antiperspirant and
 moist **wipes container**

AB - Devices, apparatus, systems and
 methods for combining a **container**
 with **wipes** and a
 deodorant **dispenser**. The hand
 held combination
 deodorant/antiperspirant and
 moist **wipes container** can have
 dual compartments, and can be
 vertically stacked and joined
 together by a coupler. The upper
 compartment can house the
 deodorant/antiperspirant product,
 and include an advance
 mechanism which raises or lowers
 the contents to **dispense**. The lower
 compartment can house **wipes**.
 Both compartments can have
 an **opening** through which the
 contents can be accessed and
 a **cover** to protect the product. The
 upper and lower compartments
 can be configured to release from
 each other. Alternatively, the
 compartments can be made
 inseparable from one another. The
 invention can be sized in order to
 attach and detach existing prior
 art deodorant **dispensers** from
 the **wiper dispenser** housing. Other
 types of toiletries and healthcare
 products can be used with the
 invention.

30/1.798 © EPODOC / EPO

PN - [US2017105589](#) A1 20170420

PR - US201615297758
 20161019; US201562243729P



20151020

AP - US201615297758 20161019

DT - *; Rep

CCI - [A47K10/3818](#)

CCA - [A47K2010/3233](#) ;
[A47K2010/3681](#)

PA - WISCONSIN PLASTICS INC [US]

TI - PAPER TOWEL DISPENSERS

AB - A paper **towel dispenser** for **dispensing** paper towels from a continuous roll of paper towels includes a **dispensing** body configured to **dispense** paper towels. The **dispensing** body has an upstream inlet configured to receive the paper towels and a downstream outlet configured to **dispense** the paper **towel**. The **dispensing** body defines a cutout that extends between the upstream inlet and the downstream outlet through which the paper towels are moved to load the paper towels into the **dispensing** body. The **dispenser** includes a **closure** device configured to be received in the cutout and restrain the paper towels in the **dispensing** body.

31/1.798 © EPODOC / EPO

PN - [CN106560356](#) A 20170412

PR - CN2017107611 20170105

AP - CN2017107611 20170105

DT - I

CUI - [B60S1/3848](#) ; [B60S1/4003](#)

CNOI - [B60S1/3808](#) ; [B60S1/4038](#)

CNOA - [B60S2001/3827](#)

PA - JIANGSU YUNRUI AUTOMOBILE ELECTRICAL APPLIANCE SYSTEM CO LTD

TI - Novel boneless **wiper** structure **containing** multifunctional accessory



AB

- The invention discloses a novel boneless **wiper** structure **containing** multifunctional accessories; the novel boneless **wiper** comprises a **wiper** joint, an accessory I, an accessory II, a support, an accessory **cover** I, an accessory **cover** II, two buckles, two flow deflectors, two elastic sheets, and one brush sheet; the features are that the support is provided with a bear shaft; one end of the bear shaft is a **closed** half-hollow structure, a guide cylinder is arranged in the half-hollow structure, and the bear shaft is clamped into a connecting hole of the accessory I; the bottom edge of the accessory I is provided with a slide way; a groove and a cushion block are arranged on the inner side of one end of the accessory **cover** I, wherein the groove is matched with the shaft of the accessory I to rotate; the accessory II is provided with the accessory **cover** II, and a C-type shaft slot and a cushion block I are arranged on the inner side of one end of the accessory **cover** II; two outer edges of the accessory **cover** II are provided with side face grooves I; the advantages are that the accessories can combine matching modes and advantages of 10 accessories into one accessory group; the novel boneless **wiper** can be applied to most accessories on the market, is wide in application scope, high in adaptability, thus satisfying more client needs.

PN	- CA2959211 A1 20160303	
PR	- WO2014EP68394 20140829	
AP	- CA20142959211 20140829	
DT	- I	
CCI	- A47K10/422 ; A47K10/423	
CCA	- A47K2010/3233 ; A47K2010/3266	
PA	- SCA HYGIENE PROD AB [SE]	
TI	- DISPENSER FOR INTERFOLDED NAPKINS	
AB	- The present disclosure relates to a dispenser for interfolded napkins, the dispenser (1) comprising a container (2) having a supporting surface (8) for supporting a stack of interfolded napkins. The supporting surface (8) extends in a horizontal plane, and is surrounded by side walls (6) extending in a vertical direction perpendicular to the supporting surface (8), The side walls (8) define a dispensing opening (7) opposite the supporting surface (8), At least one tab (100) is arranged in the container (2) for retaining the stack of napkins during withdrawal of a napkin from the stack. The tab (100) is pivotably arranged in relation to the container (2) between a holding position, in which the tab (100) extends horizontally over at least a portion of the dispensing opening (7), and a refill position, in which the tab is directed away from the dispensing opening. The tab (100) pivots about a living hinge (101). One or more stop surfaces (103, 110) limit an extent to which the tab (100) is able to turn about the living hinge (101) toward the dispensing mouth (9).	

33/1.798 © EPODOC / EPO

PN - [CN206081189U](#) U 20170412

PR - CN20162696223U 20160705

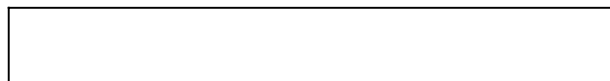
AP - CN20162696223U 20160705

DT - I

PA - CHINESE PLA GENERAL HOSPITAL

TI - Portable periphery vein
puncture **package**

AB - The utility model relates to a
portable periphery vein
puncture **package**, including the
aseptic plastic bag in, disposal
bag, tray, disposable cushion,
cushion capsule, two bags in
bags the hand disappear liquid,
tourniquet, disinfection
cotton **swab**, trocar, glue paste,
the pad pasting, disposal bag,
tray, cushion capsule
encapsulate in having easily
tearing **opening**'s aseptic plastic
bag, the cushion capsule from
top to bottom wrap up in proper
order disposable cushion, in
bags the hand disappear liquid,
tourniquet, disinfection
cotton **swab**, trocar, glue
subsides, pad pasting, the hand
liquid that disappears in bags,
aseptic plastic bag bottom
pastes to **cover** there is the
puncture flow chart. The
advantage is: simple structure,
the easy to use, tear easily
tearing **opening** can, make things
convenient for fast settling vein
route. Interior with the tray, the
played a supporting role during
encapsulation, easily
transportation, **open** aseptic
plastic bag after, can be used to
the article that take up trocar
etc. Easily decreased the
disposal bag, easily the
classification of medical waste.
Adopt disposable tourniquet to
prevent that the tourniquet from



reusing.

34/1.798 © EPODOC / EPO

PN - [RU2015129855](#) A 20170126

PNFP - RU2638513 C2 20171213

PR - DE20121025437
20121221; WO2013EP76710
20131216

AP - RU20150129855 20131216

DT - I

CT - || STSE (C2)
[WO9933427](#) A1 19990708 [
(KIMBERLY CLARK CO [US]);
[JP2001087312](#) A 20010403 [
(OJI PAPER CO);
[WO2010108660](#) A1 20100930 [
(HARTMANN PAUL AG [DE], et al);
[WO2007000315](#) A1 20070104 [
(HARTMANN PAUL AG [DE], et al)

CCI - [A61F13/4906](#) ; [A61F13/539](#)

CUI - [A61F13/505](#) ; [A61F13/5638](#)

CCA - [A61F2013/49074](#) ;
[A61F2013/49077](#) ;
[F04C2270/041](#)

CUA - [A61F2013/5055](#)

PA - (C2)
PAUL KHARTMANN AG [DE]

TI - (C2)
DIAPER WITH **COVER NAPKIN**
AND ABSORBENT PAD

AB - (C2)
FIELD: human vital needs
satisfaction.SUBSTANCE:
invention relates to a disposable
diaper (2, 2a) of an **open** type
comprising a **cover napkin** (3)
consisting of at least three parts
with an inner side (30) and an
outer side (31), wherein
the **cover napkin** comprises main
part (4) and at least two
separate rear side parts (16), the
main part (4) comprises a front
portion (6), a rear portion (8)
and a step portion (12) located



between them in the longitudinal direction (21) and placed between the user's legs, wherein the rear side parts (16) are arranged at the rear portion (8) of the main part (4) on both sides in such a way that the rear side parts (16) are fixed to the first portions (40) of overlapping joint by their outer side on the inner side of the main part (4) along the rear side longitudinal edges (20), wherein the rear side parts (16) in the transverse direction (22) extend beyond the rear side longitudinal edges (20) of the main part (4) and comprise fasteners (10), wherein the main part (4) and the rear side parts (16) **contain** a non-woven fabric or consist of it, the **cover napkin** (3) extends continuously at the length L1 from its front end (33) through the step portion (12) to its rear end (34), on the inner side (30) of the **cover napkin** (3) an absorbent pad (5) is located with an inner and outer sides, the absorbent pad (5) comprises a moisture-impermeable back layer (62) and a front layer (64) between which the absorbent (7) is positioned, the absorbent pad (5) extends to the first portions (40) of overlapping joint and is fixed there, at least at individual portions, by its outer side to the **cover napkin** (3), wherein the absorbent pad (5) has a length L2 which is less than the length L1.EFFECT: increased convenience and reliability.40 cl, 9 dwg

35/1.798

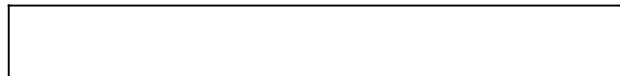
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PN

- [CN206068999U](#) U 20170405

PR

- CN201621048518U 20160831



AP	- CN201621048518U 20160831
DT	- I
PA	- HEFEIZHONGCHENG THERMOELECTRIC CO LTD
TI	- Clean discharge apparatus in power plant lime -ash storehouse
AB	- The utility model discloses a clean discharge apparatus in power plant lime - ash storehouse , including system of unloading and negative pressure dust collecting system, the system of unloading includes the hopper, the hopper sub -unit connection has the material pipe, the bottom of material pipe is connected with the discharge opening , discharge opening department is provided with the dust cover , negative pressure dust collecting system includes the negative pressure dust arrester, the lower part of negative pressure dust arrester is equipped with the ash bucket, be equipped with first pipeline and second pipeline on the ash bucket, first pipe connection has two systems of unloading pipe that gathers dust, the system of unloading gathers dust tub to set up symmetrically and is unloading system both sides and all communicateing with the dust cover , the second pipe connection has the bottom of the reservior negative pressure pipe that gathers dust, tub setting is gathered dust at the system's periphery of unloading to the bottom of the reservior negative pressure, the ash bucket bottom is connected with unloads the dirt pipe, be equipped with mechanical type star discharge valve on unloading the dirt pipe, the bottom of unloading the dirt pipe

is equipped with rubber **wipes**.

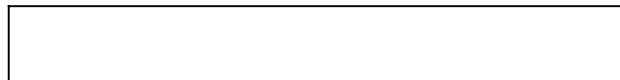
36/1.798 © EPODOC / EPO

PN - [KR20170022140](#) A 20170302
PR - KR20150116761 20150819
AP - KR20150116761 20150819
DT - I
PA - QLT CO LTD [KR]
TI - Instant water tissue **dispenser**
AB - The present invention discloses an instant **wet wipe dispenser**. According to the present invention, the instant **wet wipe dispenser** comprises: a dry tissue; a liquid pouch positioned on an upper portion of the dry tissue **containing** a liquefied material; and a **cover** having a cut portion to cut one side of the liquid pouch wherein the cut portion is pulled by a user, thus one side of the liquid pouch being **opened** such that the **contained** liquefied material is combined and inserted into the dry tissue. Accordingly, a preservative does not need to be used since the liquefied material is provided to an individual dry tissue only at a point in time when the tissue is used.



37/1.798 © EPODOC / EPO

PN - [CN206063094U](#) U 20170405
PR - CN20162553340U 20160608
AP - CN20162553340U 20160608
DT - I
PA - YOUYANG TRADE CO LTD
TI - Gloves type **wiper** element
AB - The utility model provides a gloves type **wiper** element, supplies a human palm to wear set use, and this gloves type **wiper** element **contains** a gloves body, and a decontamination colloidal layer.



This gloves body forms an accommodation space that supplies this palm to wear the **cover**, and sets up in the layer that absorbs water between this endonexine and this extexine including an extexine that is used for the endonexine of this palm of cladding, this endonexine of cladding, one, and an **opening** that supplies this palm to stretch through, should decontaminate the colloidal layer formed at a side of this extexine of this gloves body, and wherein, the colloidal layer that should decontaminate is including covering this palm facies palmaris. Borrow this, even additionally do not exert external force on this gloves body, this palm is tightly overlapped to this physical stamina of gloves to coordinate this palm to move to the place of cleaning, in addition this layer that absorbs water has that the preferred absorbs water and bao shui's effect, constantly supplementary irrigation come the lubrication should decontaminate the colloidal layer with wait to rinse the thing surface, increase the efficiency when clean.

38/1.798 © EPODOC / EPO

PN - [US2017088314](#) A1 20170330

PR - US201514865051 20150925

AP - US201514865051 20150925

DT - **

CT - || R141 (A1)
[US4168129](#) A 19790918 [
] (HERRNRING GUNTHER);
[US2004168700](#) A1 20040902 [
] (DORF PAULA [US]);
[US6846122](#) B1 20050125 [



] (LIAO CHUN-CHING [TW]);
[US2005031401](#) A1 20050210 [
] (GUERET JEAN-LOUIS [FR]);
[US2007014624](#) A1 20070118 [
] (FOGELSON STEPH [US], et al);
[US2007025802](#) A1 20070201 [
] (DIEUDONAT FABRICE [FR], et
 al);
[US2007199575](#) A1 20070830 [
] (DEL PONTE DAVID J [US]);
[US2009214285](#) A1 20090827 [
] (CHO YONG HOON [US]);
[US2009297250](#) A1 20091203 [
] (HUANG JEN-HUA [TW]);
[US2010003066](#) A1 20100107 [
] (THORPE TIMOTHY [US], et al);
[US7780499](#) B1 20100824 [
] (TRUCKAI CSABA [US]);
[US2011073601](#) A1 20110331 [
] (KOMATSUDA KIYOSHI [JP], et
 al);
[US2011222955](#) A1 20110915 [
] (THORPE JAMES [GB]);
[US8074666](#) B2 20111213 [
] (PIAO XIANZHEN [CN]);
[US2011297173](#) A1 20111208 [
] (ANDERSON DENNIS JON [US], et
 al);
[US2012219345](#) A1 20120830 [
] (KIM MIN JI [KR]);
[US8556528](#) B2 20131015 [
] (GARDNER NICK [US], et al);
[US8556527](#) B1 20131015 [
] (CHOU YU-HSING [TW]);
[US8821057](#) B2 20140902 [
] (LAMBERT CLAUDE [FR]);
[US2015023718](#) A1 20150122 [
] (GARDNER ANDREW [CA]);
[US2015116287](#) A1 20150430 [
] (YEY CHIA-JUI [TW], et al);
[US2016058147](#) A1 20160303 [
] (BEMIS MICHAEL [US])

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**.

39/1.798 © EPODOC / EPO

PN - [MX2016013675](#) A 20170123

PR - US201461983408P
20140423; US201514684842
20150413; WO2015US25757
20150414

AP - MX20160013675 20150414

DT - I

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

CUI - [B65D43/0212](#)

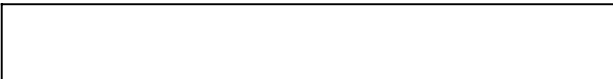
CQI - [A47K10/42](#) ; [B65D43/02](#) ;
[B65D85/62](#) ; [B65D53/00](#)

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.

40/1.798 © EPODOC / EPO

PN - [EP3228507](#) A1 20171011

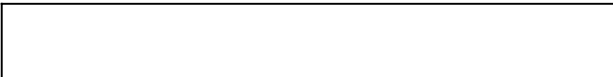
PR - IT2016UA02268 20160404

AP - EP20170163825 20170330

DT - *; Rep

CT - || STSE (A1)
[EP2551157](#) A1 20130130
 [A] (YANG CHIH-MING [TW], et al)
 [A] 1-10
 * the whole document *;
[DE102010062940](#) A1 20120614
 [A] (BOSCH GMBH ROBERT [DE])
 [A] 1-10
 * paragraphs [0074] - [0078];
 figures 8a-8c *;
[WO2016000785](#) A1 20160107
 [A] (FEDERAL MOGUL SA [BE], et al)
 [A] 1-10
 * the whole document *

CCI - [B60S1/4087](#)



- PA - CARTIX S R L [IT]
- TI - CONNECTOR ELEMENT FOR
CONNECTING TOGETHER
WINDSCREEN **WIPER** BLADES AND
ARMS FOR OPERATING THEM
- AB - Connector element for
connecting windscreen **wiper**
blades to operating arms (1, 1a,
1b) shaped with a free end (1a)
in the form of a step and with a
through-**opening** (1b),
comprising: - a body (20) which
is bounded by vertical sidewalls
(20b) and by an upper base (20a)
inset lower than the free edge of
the sidewalls (20b) so as to form
a seat for **containing** the arm (1);
a front end of the base (20a)
formed in the manner of a
shaped longitudinal tongue (24)
which is inset even lower so as
to form a seat (24a) for the step
(1a) of the operating arm (1); an
eyelet (28a) **open** in a vertical
direction (Z-Z) on the opposite
side to the upper base (20a) and
defined by vertical walls (28) to
form means for engagement with
a transverse pin (2) mounted on
corresponding dividers of
the **wiper**; - a **cover** (30)
for **closing** the front end of the
body (20); wherein: - a first tooth
(21) projecting inwards in the
transverse direction (Y-Y) and
having a surface (21a) inclined
from the top downwards and
towards the inside is formed on
each sidewall (20b); and - in the
vicinity of its rear end the body
(20) has a transverse crosspiece
(29a) from which a projection
(29) extends in the vertical
direction (Z-Z) towards the inside
of the body for engaging with
the **opening** (1b) of the operating
arm (1).

41/1.798 © EPODOC / EPO

PN - [WO2017053027](#) A1 20170330

PR - US201514865040 20150925

AP - WO2016US49385 20160830

DT - *; Rep

CT - |KR| ISR (A1)
[US2007204872](#) A1 20070906
 [A] (KEE JUNG-HYUN [KR])
 [A] 1-14
 * See paragraphs [0022]-[0026]
 and figures 2-3. *;
[US6382450](#) B1 20020507 [A] (DE
 ROSA DANIEL [FR], et al)
 [A] 1-14
 * See column 2, line 66 - column
 3, line 67 and figures 3-5. *;
[WO2014114885](#) A1 20140731
 [A] (QUALIPAC SA [FR])
 [A] 1-14
 * See abstract, claim 1 and
 figures 1-5. *;
[US2012279876](#) A1 20121108
 [A] (WEIGEL FRIEDRICH [DE])
 [A] 1-14
 * See paragraphs [0051]-[0058]
 and figures 5-7. *;
[CN202128028U](#) U 20120201
 [A] (XUSEN LI)
 [A] 1-14
 * See paragraphs [0020]-[0028]
 and figures 1-3. *

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

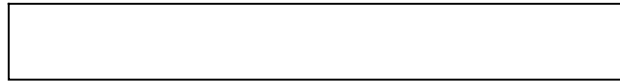
CQI - [B65D1/0246](#) ; [B65D41/0407](#)

CCA - [A45D2200/051](#)

PA - ELC MAN LLC [US]

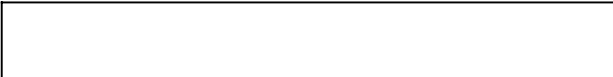
TI - SCREW-TYPE **CONTAINER-**
CLOSURE SYSTEMS WITH
 MAGNETIC FEATURE

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** (1 1) 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" sound, accompanied by a luxurious tactile sensation.

- 42/1.798** © EPODOC / EPO
- PN - [WO2017053026](#) A1 20170330
- PR - US201514865051 20150925
- AP - WO2016US49381 20160830
- DT - *; Rep
- CT - |KR| ISR (A1)
[US2015182005](#) A1 20150702
 [Y] (PIRES LEO CLIFFORD [US], et al)
 [Y] 1-11
 * See abstract; paragraphs [0051]-[0053], [0058], [0071]; and figures 3, 7A-7D. *;
[US6382450](#) B1 20020507 [Y] (DE ROSA DANIEL [FR], et al)
 [Y] 1-11
 * See abstract; column 3, line 31 - column 4, line 57; and figure 3. *;



[CN204617383U](#) U 20150909

[A] (CHEN WENSHENG)

[A] 1-11

* See claim 1; and figures 1-6. *;

[US2011129286](#) A1 20110602

[A] (GUERET JEAN-LOUIS [FR])

[A] 1-11

* See abstract; paragraphs [0057]

-[0065]; and figures 1-2. *;

[US2010166488](#) A1 20100701

[A] (BOUIX HERVE F [US], et al)

[A] 1-11

* See abstract; claim 1; and

figures 1-3. *

- 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	- CN206050444U U 20170329
PR	- CN201621060378U 20160909
AP	- CN201621060378U 20160909
DT	- I
PA	- LIU JING
TI	- Pedal aseptic towel storage device who opens
AB	- The utility model discloses a pedal aseptic towel storage device who opens . The device includes the support, has the branch that is the cavity form and fixes the ring -shaped carrier on branch, and the top head of branch is 14 departments that curved curved just extended to ring -shaped carrier axial diameter, aseptic storage tank is arranged in ring -shaped carrier is last, its have one with storage tank body articulated lid, cover the the central axis symmetry to be equipped with two hangers just relative with coupling point skew, pedal link mechanism has a foot valve, wire rope and fixed link, and wire rope wears to establish in the cavity branch, wire rope upper end is worn out the back by the branch flexion and is connected at the fixed link middle part, fixed link's head be equipped with the couple with the hangers cooperates, and the foot valve is connected to the wire rope lower extreme. Through the foot valve application of force, can open the lid of aseptic storage tank to 80 jiaos to avoid the arm to touch the container edge, accord with the aseptic technique principle.

PN	- CN106540294 A 20170329	
PR	- CN20151606022 20150922	
AP	- CN20151606022 20150922	
DT	- I	
PA	- ZHANG NA	
TI	- Acupuncture needle disinfection box	
AB	- The invention discloses an acupuncture needle disinfection box , belonging to the field of medical supplies. The objective of the invention is to overcome the problem of unthorough disinfection of acupuncture needles in the prior art. The acupuncture needle disinfection box comprises a box body and a box cover ; a glass tube is arranged at the inner lower side of the box body; an ultraviolet lamp is mounted in the glass tube; a fixed rack is arranged on the upper side of the box body; degreased sponge is arranged on one side of the fixed rack while a cotton swab is arranged on the other side of the fixed rack; the side edge of the box body is provided with an alcohol lamp holder; the tail end of an alcohol lamp wick is located at the bottom in the box body; the box cover is provided with another ultraviolet lamp; and the box body and the box cover are both provided with a sealing ring and are connected with each other via a snapping groove. The acupuncture needle disinfection box has the beneficial effects that multi- manner comprehensive disinfection via alcohol, ultraviolet rays and high temperature can be realized; and the box is convenient, practical and portable.	

45/1.798 © EPODOC / EPO

PN - [CN106510353](#) A 20170322

PR - CN20161999871 20161114

AP - CN20161999871 20161114

DT - I

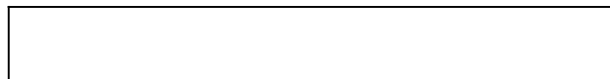
CT - || STSE (A)
[CN2210586Y](#) Y 19951025
 [A] (CHEN ZUN [CN])
 [A] 1-2
 * 全文 *;
[EP1844688](#) A1 20071017
 [A] (ELECTROLUX HOME PROD
 CORP [BE])
 [A] 1-2
 * 全文 *;
[US2011072848](#) A1 20110331
 [A] (URBAN CHRISTINE MICHELLE
 [US])
 [A] 1-2
 * 全文 *;
[CN102048332](#) A 20110511
 [A] (HUIYUN CHEN)
 [A] 1-2
 * 全文 *;
[CN102334823](#) A 20120201
 [A] (BING LIU)
 [A] 1-2
 * 全文 *;
[CN203302513U](#) U 20131127
 [Y] (LIANG JIANWEI)
 [Y] 1-2
 * 说明书第0009-0011段, 附图1-3 *;
[CN104027029](#) A 20140910
 [Y] (ZHANG KERAN)
 [Y] 1-2
 * 说明书第0014-0017段, 附图1-3 *

CNOI - [A47G19/027](#) ; [A45C11/20](#)

PA - LIUZHOU BAILONG FOOD AND
 BEVERAGE MAN CO LTD

TI - Heat preservation tableware **box**

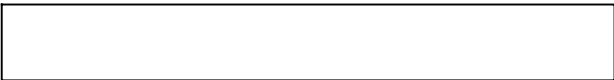
AB - The invention relates to a heat
 preservation tableware **box**
 which comprises a **box** body. A
 first cavity used for **storing**



tableware is arranged inside the **box** body; a second cavity used for **storing** tissues and a third cavity used for **storing** toothpicks are arranged on one side of the first cavity in parallel; a **box cover** is arranged at the upper end of the side wall of the **box** body; the side wall of the **box** body is hinged to the edge of the **box cover**; an **opening** used for fetching the tissues is formed in the position, opposite to the second cavity, of the **box cover**; a heater and a temperature controller are arranged inside the first cavity and connected through a circuit; and the temperature controller controls the heating temperature of the heater and conducts heat preservation on the tableware inside the **box** body. Compared with the prior art, the heat preservation tableware **box** can **store** the tableware, the toothpicks and the **napkin** tissues at the same time, sufficiently ensures hygiene of the tableware, conducts heat preservation, can be fetched for use anytime and is convenient to use.

46/1.798 © EPODOC / EPO

PN - [CN206035446U](#) U 20170322
 PR - CN20162959357U 20160826
 AP - CN20162959357U 20160826
 DT - I
 PA - BAOJI JINHUI OILFIELD
 MACHINERY CO LTD
 TI - **Open** balanced valve of pump
 AB - The utility model relates to an **open** balanced valve of pump, it includes fishing neck, slips, clamp, first nipple joint pipe, second nipple joint pipe, case



and outer tube, install coiled tubing in fishing neck's the installation through -hole, the slips is located the outside that coiled tubing was located to the inboard and inseparable **cover** of mounting hole, it is outside and fixed that the coiled tubing who wears out the fishing neck bottom outside is located to first nipple joint pipe **box**, the coiled tubing outside is located to second nipple joint pipe **box**, cup joint inside the bottom of second nipple joint pipe on the top of case, the outer tube cup joints in the bottom of second nipple joint pipe outsidely. The utility model has the advantages of reasonable design, the compactness, simple to use, the commonality is good, can direct be connected with coiled tubing, only leans on well head **wiper seal** pump to **open** the balanced valve during use, and is safe in utilization, stable.

47/1.798 © EPODOC / EPO

PN - [TW329417B](#) B 19980411

PR - JP19960002329U 19960329

AP - TW19970103359 19970318

DT - I

PA - YUNI CYAMU KK [JP]

TI - Wet **towel container**

AB - A wet **towel container** comprising a **container** body having a **container opening** and a fixing **cover** for **sealing** the **container opening**; the fixing **cover** comprising a wet **towel** takeout port occupying a portion thereof, and the **container** further comprising a movable **cover** for **sealing** the takeout port, which is characterized in that: the



movable **cover** has a fixed end and a free end, the fixed end being **closeably** supported on the fixed **cover**; and when the **cover** is down, at least the middle portions of the free end and the fixed end are inserted into the recess formed on the fixed **cover** and are lower than the top face; the top face of the center portion of the movable **cover** is covered with a transparent film material; an indication portion insertable into the film for indication is formed between the transparent film material and the top face.

48/1.798 © EPODOC / EPO

PN - [CN206020274U](#) U 20170315

PR - CN201621076037U 20160923

AP - CN201621076037U 20160923

DT - I

PA - HUBEI PROTEINGENE TECH CO LTD

TI - Quick detection device of protein

AB - The utility model belongs to protein detection area, concretely relates to quick detection device of protein. The device includes thermostat water bath and a plurality of detection test tube, detection test tube's last end?screw thread? connection has lid no. 1, **open** at the middle part of lid no. 1 has the sample of confession cotton **swab** male through -hole, the lower extreme tip of sample cotton **swab** sets up to the tip, the winding has the sample cotton balls on the sample cotton **swab**, the sample cotton balls is **close** to the tip, the upper end of sample cotton **swab** is provided with the briquetting, the **cover** is equipped with the stopper on the sample cotton **swab**, detection test tube's



lower end?screw thread?
 connection has lid no. 2,
 ninhydrin test solution **package**
 has been placed in the detection
 test tube, a plurality of
 inspection holes have been seted
 up on the pot **cover** of thermostat
 water bath, the fixed **cover** in the
 detection test tube upper portion
 outside is equipped with the link,
 detection test tube's lower
 extreme stretches into the
 interior and upper end border of
 link pressure at the inspection
 hole of thermostat water bath
 from the inspection hole, the
 water logging in by the
 thermostat water bath of
 detection test tube's lower
 extreme does not have. The
 beneficial effects of the utility
 model are that, can realize quick
 sensitive detection of protein.

49/1.798 © EPODOC / EPO
 PN - [CN205994683U](#) U 20170308
 PR - CN20162697215U 20160701
 AP - CN20162697215U 20160701
 DT - I
 PA - ZHAO SUPING
 TI - Epidemic prevention tray for
 medical care
 AB - The utility model discloses an
 epidemic prevention tray for
 medical care, which comprises a
 disc body, the disk body top from
 left to right is equipped
 with **sealed** chamber in proper
 order, cavity for **storage**
 medicine, a clinical thermometer
 section of thick bamboo and
 cotton **swab** tank hole, **sealed**
 chamber, the below of a cavity
 for **storage** medicine and a
 clinical thermometer section of
 thick bamboo is equipped with
 disinfection chamber, if do root



ultraviolet tube in the disinfection chamber, clinical thermometer chamber and apparatus chamber are separated into by the second baffle in **sealed** chamber, the bottom of second baffle is equipped with a plurality of through -holes, the **opening** part in **sealed** chamber is equipped with the annular groove, pass through the recess, **sealed** chamber is equipped with **sealed** lid, cut apart into a plurality of **storage** medicine check not of uniform size by first baffle in the cavity for **storage** medicine, the top lock of a clinical thermometer section of thick bamboo has first **cover**, evenly in the clinical thermometer section of thick bamboo be equipped with a plurality of vestibules, the disinfection chamber below is equipped with takes out the **box**, the disk body bottom is even is equipped with a plurality of stabilizer blades, the utility model discloses medicine and medical apparatus classifying preservation, medical apparatus at the disinfection save, guarantees to use the safety and sanitation of utensil always, and the medical apparatus after patient uses **seals** alone and deposits, effectively prevents proliferation of germs.

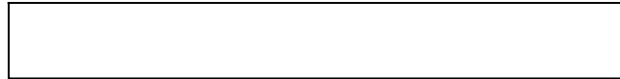
50/1.798 © EPODOC / EPO
 PN - [CN106420910](#) A 20170222
 PR - CN20151662601 20151014
 AP - CN20161865504 20160929
 DT - I
 CNOI - [A61K9/0014](#) ; [A61F7/02](#) ;
[A61K31/045](#) ; [A61K36/234](#) ;
[A61K36/287](#) ; [A61K36/489](#) ;
[A61K36/534](#)



- CNOL - A61K36/534, A61K2300/00, INV
 - A61K36/489, A61K2300/00, INV
 - A61K36/287, A61K2300/00, INV
 - A61K36/234, A61K2300/00, INV
 - A61K31/045, A61K2300/00, INV
- CNOA - [A61F2007/0263](#)
- PA - UNIV HARBIN MEDICAL
- TI - Externally-applied physical cooling liquid, preparation method thereof and **containing** bottle for **containing** physical cooling liquid
- AB - The invention discloses externally-applied physical cooling liquid and a preparation method thereof, and is aimed at providing the externally-applied physical cooling liquid which is free of alcohol components, suitable for hyperthermia patients (child patients) caused by various causes and easy to operate and can achieve a physical cooling effect on the hyperthermia patients (child patients) through simple smearing. The physical cooling liquid is prepared from, by weight, 10-15 parts of mint, 5-10 parts of radix sophorae flavescentis, 3-5 parts of artificial synthetic borneol, 5-15 parts of fructus cnidii, 5-10 parts of wild chrysanthemum flowers and 50-100 parts of water through decocting, standing still and filtering. The invention further provides a **containing** bottle for **containing** the externally-applied physical cooling liquid. The **containing** bottle can be used after a **sealing cover** is pierced and then connected with a sponge **wiper** connector, and the **containing** bottle fits people and is convenient to apply clinically.

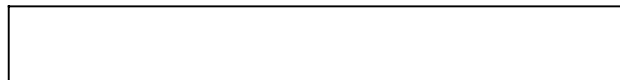
51/1.798 © EPODOC / EPO

PN - [CA98221S](#) S 20030310
PR - GB20012102673F 20010620
AP - CA20010098221F 20011219
DT - I
PA - KIMBERLY-CLARK LTD [GB]
TI - MOIST **WIPES CONTAINER**
AB - The design consists of the features of shape, pattern, ornament, and configuration of the entire MOIST **WIPES CONTAINER** shown in the drawings. Drawings of the design are included. FIG. 1 is a perspective view of the Moist **Wipes Container** of the present design with the **cover** in a first **closed** position; FIG. 2 is a perspective view of the Moist **Wipes Container** of the present design with the **cover** in a second **open** position; FIG. 3 is a bottom perspective view of the Moist **Wipes Container** of the present design; FIG. 4 is a front side view of the Moist **Wipes Container** of the present design; and, FIG. 5 is a end side view of the Moist **Wipes Container** of the present design.



52/1.798 © EPODOC / EPO

PN - [MX2016009339](#) A 20161013
PR - US201414170056
20140131; WO2015IB50439
20150120
AP - MX20160009339 20150120
DT - I
CCI - [A47K10/42](#)
CQI - [A47K10/421](#)
CCA - [A47K2010/3233](#) ;
[A47K2010/3266](#)
PA - KIMBERLY CLARK CO [US]
TI - REFILLABLE, FLEXIBLE **DISPENSER**



WITH HANDLE FOR STACKED
MOIST **WIPES**.

- AB - A refillable **dispenser** for pre-moistened **wipes** includes a flexible pouch. The pouch has a front wall, a back wall, and an interior space therebetween. A **dispensing opening** is formed in the front wall, and a movable **cover** can **cover** the **dispensing opening**. The **dispenser** includes a seam that can be **opened** to an **open** position and **resealed** to a **closed** position to connect the front wall to the back wall. The **open** position defines a refill **opening**. The **dispenser** includes a front wall eyelet extending through the front wall and a back wall eyelet extending through the back wall, and the front wall eyelet is superposed over the back wall eyelet. The **dispenser** includes a handle connected to the pouch via a handle connector. The handle connector extends through the front wall eyelet and the back wall eyelet.

53/1.798 © EPODOC / EPO

PN - [KR20170015026](#) A 20170208

PR - KR20150109227 20150731

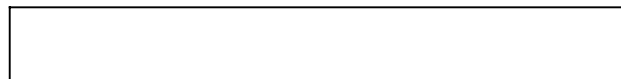
AP - KR20150109227 20150731

DT - I

PA - YU SEUNG TAE [KR]

TI - **open** and **close cover** for wet tissue case

AB - According to the present invention, provided is a **cover** for **opening** and **closing** a **container** for wet **wipes**. The **cover** comprises a fixed body, a cap, and a connection portion that connects the fixed body and the cap, wherein the fixed body includes an adhesion



layer to be attachable to or detachable from an upper side of a **container** for wet **wipes** where a withdrawal hole for wet **wipes** is formed, and a penetration hole allowing the withdrawal hole to be exposed to the outside, wherein the penetration hole of the fixed body has an excessive-withdrawal preventing piece positioned in the center above the withdrawal hole so as to adjust the area, exposed to the outside, of the withdrawal hole, as well as guiding a **wet wipe** being withdrawn, wherein the excessive-withdrawal preventing piece has a plurality of adhesion protrusions contacting an edge part of the withdrawal hole to prevent a transformation of the withdrawal hole.

54/1.798 © EPODOC / EPO

PN - [CN205826666U](#) U 20161221

PR - CN20162647190U 20160627

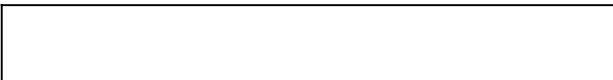
AP - CN20162647190U 20160627

DT - I

PA - EASE-MEDTREND BIOTECH (SHANGHAI) LTD

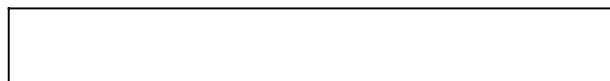
TI - Liquid valve integral type sampling reaction unit is divided to double -end

AB - The utility model discloses a liquid valve integral type sampling reaction unit is divided to double -end, divide liquid valve and tail pipe **cover** including liquid **storage** pipe, first minute liquid valve, sampling **swab** pole, reaction tube, second, first minute liquid valve and second divide the liquid valve all to include valve pocket and the valve rod that can break, prefilled syringe has reagent A in the liquid **storage**



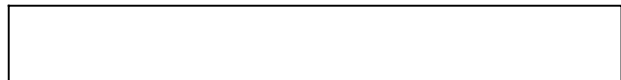
pipe, the first minute liquid valve of packing into, and the valve rod submergence of first minute liquid valve is in reagent A, and sampling **swab** pole is connected to the valve pocket of first minute liquid valve, the liquid **storage** pipe **opening** part is connected with reaction tube one end **opening** part buckle, and reaction tube other end **opening** part is connected with tail pipe **cover opening** part buckle, sampling **swab** pole stretches into in the reaction tube, the afterbody that the second divides the valve pocket of liquid valve to clog the reaction tube, second divide the valve rod of liquid valve outside at the reaction tube by tail pipe **cover** free accommodation **cover**. The utility model discloses collection sample collection, handle as an organic whole, the reducing pollutants risk, but the wide application is in the sampling of clinical vagina, rectum, bottleneck throat sample, and detect the reaction and microbial sample transports the cultivation. The bacillary vaginopathy of specially adapted detects.

55/1.798 © EPODOC / EPO
 PN - [CN205989921U](#) U 20170301
 PR - CN20162848613U 20160808
 AP - CN20162848613U 20160808
 DT - I
 PA - DALIAN DAXIN HEALTH CARE PRODUCTS CO LTD
 TI - Lian baoyi gets wet piece of cloth
 AB - The utility model relates to a wet piece of cloth technical field specifically is a lian baoyi gets wet piece of cloth, paste



including **wet wipe box** lid, wet piece of cloth **sealing label**, **wet wipe box** main part and **wet wipe box** side, the side of **wet wipe box** main part is connected with the **wet wipe box** side and pastes, the rear side wall connection of **wet wipe box** main part has the **wet wipe box** lid, the surface connections of **wet wipe box** main part has wet piece of cloth **sealing label**, the inside of **wet wipe box** lid is equipped with wet piece of cloth, the utility model discloses a **wet wipe box** lid can be liftd, then tears wet piece of cloth **sealing label**, prevents that the air admission from to the **wet wipe box** main part in, pasting through the **wet wipe box** side and being connected with the **wet wipe box** main part, has realized that the multiple mode of **wet wipe box** is got to take wet piece of cloth, adopts the mode to wet piece of cloth symmetrical fold, has reduced the area of contact of wet piece of cloth after folding, like this through getting in the **wet wipe box** side when taking wet piece of cloth, owing to wet that the area of contact after folding is less for piece of cloth, so redundant wet piece of cloth is carry over out of to the will not.

56/1.798 © EPODOC / EPO
 PN - [CN205988330U](#) U 20170301
 PR - CN20162471082U 20160523
 AP - CN20162471082U 20160523
 DT - I
 PA - XINXIANG HUAXI MEDICAL
 SANITARY MAT CO LTD
 TI - Disposable cesarean deliery
 operation combination **package**



AB

- I the utility model relates to a disposable cesarean delivery operation combination **package**, it includes the upper **cover, cover** connection has the tray, the inside of surgical drage tray is provided with the packing list **storage** tank, operation hole piece of cloth **storage** tank, gauze piece **storage** tank, the disposable glove **storage** tank, the paper hand **towel storage** tank, imbibition paper **storage** tank, single **storage** tank is spread at the self -adhesive paper **storage** tank and the end, the outside of tray is provided with the wrapping bag, **sealed** mediate limit and hand -strap are installed in the wrapping bag, operation hole piece of cloth has been deposited to the inside of operation hole piece of cloth **storage** tank, operation hole piece of cloth is provided with album a liquid bag and an **opening, open** -ended externally mounted has the operation membrane, collection liquid bag is provided with the leakage fluid dram, velcro buckle is installed to the both sides of operation hole piece of cloth, the utility model has the advantages of reasonable in design, simple structure are compact, article are complete, take convenient and fast, labour saving and time saving, convenient to carry, low cost, reduction doctor intensity of labour, pollution -free, safe and reliable.

57/1.798

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PN

- [US2017036205](#) A1 20170209

PR

- GB20140007002
20140417; WO2015GB51155
20150416

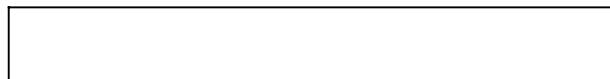


AP	- US201515304025 20150416
DT	- **
CCI	- A61B10/0045 ; A61B10/0051 ; A61B10/007
CUI	- A61B5/150358 ; B01L3/0272 ; B01L3/5029 ; G01N1/10
CUA	- B01L2300/042 ; B01L2300/046 ; B01L2300/069 ; B01L2300/0832 ; B01L2300/0848 ; B01L2300/123 ; B01L2400/0481 ; G01N2001/028
PA	- THE SECRETARY OF STATE OF HEALTH [GB]; THE SEC DEP FOR HEALTH [GB]
TI	- FLUID COLLECTION DEVICE
AB	- A fluid collection device comprising an elongate container having an opening at one end, and a swab that is insertable into the container through said opening , wherein: the swab comprises an absorbent collector, for acquiring a fluid sample in use; and the internal cross-sectional area of the container becomes smaller in a direction away from the opening , the internal cross- sectional area becoming sufficiently small so as to cause the absorbent collector to be radially compressed as the swab is inserted into the container in use, thereby causing the absorbent collector to release at least some of the fluid sample held therein. The swab may further comprise a shaft, the absorbent collector being at or near a distal end of the shaft, and a closure being at or near a proximal end of the shaft, the closure being adapted to engage with the container and

to **close** the **opening** of the **container** with the absorbent collector inside the **container**. The **closure** may further comprise an outlet through which fluid within the **container** can be **dispensed** in use, subsequent to the **closure** having been engaged with the **container**.

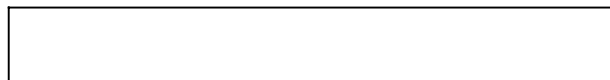
58/1.798 © EPODOC / EPO

PN - [EP3278696](#) A2 20180207
 PR - GB20080019496
 20081023; EP20090760549
 20091023
 AP - EP20170157277 20091023
 DT - **
 CCI - [A47K10/3643](#) ; [A47K10/3687](#)
 CCA - [A47K2010/365](#)
 PA - KENNEDY HYGIENE PRODUCTS LTD
 [GB]
 TI - **TOWEL DISPENSER**
 AB - A paper **towel dispenser** (1) is provided in which a **towel** (T) to be **dispensed** is supported by a support roller (37). The paper **towel dispenser** (1) further comprises a **cover** (17) to which a biasing member (87) is coupled. The biasing member (87) is displaced to a first position for biasing the **towel** (T) against the support roller when the **cover** (17) is **closed**; and/or the biasing member is displaced to a second position for facilitating the loading of the **towel** (T) when the **cover** (17) is **open**.



59/1.798 © EPODOC / EPO

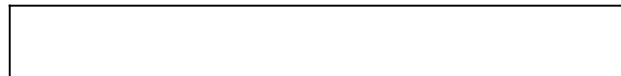
PN - [CN205972305U](#) U 20170222
 PR - CN201621003078U 20160831
 AP - CN201621003078U 20160831
 DT - I
 PA - CHENGDU JINJIANQIAO



PACKAGING MAT CO LTD

- TI - Fungi -proofing wrapping bag of **napkin** paper
- AB - The utility model relates to a product **packaging** field, concretely relates to fungi -proofing wrapping bag of **napkin** paper, including the bag body and **opening** line, the **opening** line is located the middle part position of bag body upper surface, its direction with the length direction of the bag body is the same, the upper surface of the bag body is provided with the plastics ring of U type structure, the U type **open** end of plastics rings with bag body connected is a whole, and the other end is circular -arc, and detachable pastes the upper surface of the bag body will **opening** wire **cover** lives, the material structure of the bag body includes to interior outside from in proper order: germproof layer, colour layer, plastic layer and germproof layer, germproof layer is in for the complex colour layer surface with the fungi -proofing film of plastic layer internal surface, germproof layer, colour layer with be composite construction between the plastic layer. The utility model discloses it is fungi -proofing effectual, to compare in traditional **napkin** paper packing bag, it carries more conveniently, has better market perspective.

- 60/1.798 © EPODOC / EPO
- PN - [CN106414260](#) A 20170215
- PR - US201414170056
20140131; WO2015IB50439
20150120
- AP - CN2015804619 20150120
- DT - I



CT

- || STSE (A)
[US6224258](#) B1 20010501
[Y] (DODSON DARREN W [US])
[Y] 1-16
* 说明书第2栏第63行至第4栏第38行及附图1-5 *;
[CN2499357Y](#) Y 20020710
[A] (HAILASI INDUSTRY CO LTD SHANGH [CN])
[A] 1-16
* 全文 *;
[US2004203306](#) A1 20041014
[A] (GRAFE TIMOTHY H [US], et al)
[A] 1-16
* 全文 *;
[US2006151518](#) A1 20060713
[A] (SARBO BENJAMIN C [US], et al)
[A] 1-16
* 全文 *;
[CN1805885](#) A 20060719
[Y] (PROCTER & GAMBLE [US])
[Y] 1-16
* 说明书第7页第2段至第8页第4段及附图1a-3d *;
[US2007181592](#) A1 20070809
[A] (PREVO DONNY B [US])
[A] 1-16
* 全文 *;
[US2010001015](#) A1 20100107
[A] (THOREN AGNETA [SE], et al)
[A] 1-16
* 全文 *;
[KR20100008081U](#) U 20100813
[Y]
[Y] 1-16
* 说明书第0006-0008段及附图1-5 *;
[US2011073225](#) A1 20110331
[A] (PACE SUSAN [US], et al)
[A] 1-16
* 全文 *;
[US8496106](#) B1 20130730
[A] (BIGG JOAN [US])
[A] 1-16
* 全文 *

CCI

- [A47K10/42](#)

CQI

- [A47K10/421](#)

- CCA - [A47K2010/3233](#) ;
[A47K2010/3266](#)
- PA - KIMBERLY CLARK CO
- TI - Refillable, flexible **dispenser**
with handle for stacked
moist **wipes**
- AB - A refillable **dispenser** for pre-
moistened **wipes** includes a
flexible pouch. The pouch has a
front wall, a back wall, and an
interior space therebetween.
A **dispensing opening** is formed
in the front wall, and a
movable **cover** can **cover**
the **dispensing opening**.
The **dispenser** includes a seam
that can be **opened** to an **open**
position and **resealed** to a **closed**
position to connect the front
wall to the back wall. The **open**
position defines a refill **opening**.
The **dispenser** includes a front
wall eyelet extending through the
front wall and a back wall eyelet
extending through the back wall,
and the front wall eyelet is
superposed over the back wall
eyelet. The **dispenser** includes a
handle connected to the pouch
via a handle connector. The
handle connector extends
through the front wall eyelet and
the back wall eyelet.

61/1.798 © EPODOC / EPO

- PN - [CN106388684](#) A 20170215
- PR - CN20161856121 20160928
- AP - CN20161856121 20160928
- DT - I
- CNOI - [A47K13/302](#) ; [A47K17/00](#) ;
[A61L2/10](#) ; [A61L2/18](#) ;
[A61L2/24](#)
- CNOA - [A61L2202/14](#)
- PA - HANGZHOU SINODOD ELECTRIC
CO LTD
- TI - **Closestool** with seat ring



disinfection function

AB

- The invention relates to a **closestool** with a seat ring disinfection function.
The **closestool** comprises a **closestool** seat, a **closestool** seat ring and a **closestool** upper **cover**. The **closestool** is characterized in that the **closestool** upper **cover** is connected with the **closestool** seat through a rotating shaft, the **closestool** upper **cover** is provided with a motion guide rail, a disinfectant spraying guide pipe and a flip-type motor, the motion guide rail is provided with a moving device which can move on the motion guide rail, the moving device is provided with a wiping sponge, when the **closestool** upper **cover** covers the **closestool** seat ring and the wiping sponge moves on the motion guide rail, the wiping sponge can be in contact cooperation with the **closestool** seat ring, the disinfectant spraying guide pipe is provided with a spray nozzle, the output terminal of the flip-type motor is connected with the rotating shaft, the flip-type motor can drive the rotating shaft to rotate, the rotating shaft rotates to drive the **closestool** upper **cover** to turn over, and the **closestool** seat is provided with a disinfectant **storage** tank.
The **closestool** can automatically inducts that a user uses the **closestool** and leaves, by means of two procedures that the wiping sponge automatically **wipes** the **closestool** seat ring and a sterilamp carries out sterilization and disinfection, disinfection and hygiene of

the **closestool** seat ring can be ensured, and people can use the **closestool** without worries.

62/1.798 © EPODOC / EPO

PN - [CN205951903U](#) U 20170215

PR - CN20162416799U 20160510

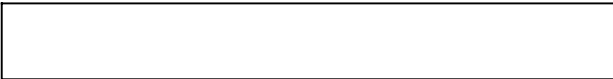
AP - CN20162416799U 20160510

DT - I

PA - BEIJING AUTOMOBILE RES
GENERAL INST CO LTD

TI - **Wiper** and car behind car

AB - An embodiment of the utility model provides a **wiper** and car behind car, wherein the **wiper** includes behind this car: signal collector, a controller, including a motor, an end cap, a controller, and a **cover** plate, the reducing gear **box**, elevating system, scrape the pole and install the doctor -bar on scraping the pole, wherein, at signal collector during to controller output turn -on signal, the controller is to a motor output control signal, the motor drive reducing gear **box**, reducing gear **box** drive elevating system, elevating system drives and scrapes the doctor -bar reciprocating motion on car rear windshield on the pole, at signal collector during to controller output **closed** signals, the controller is to the 2nd control signal of motor output, the motor drive reducing gear **box**, reducing gear **box** drive elevating system, elevating system drives the doctor -bar of scraping on the pole and the separation of car rear windshield. The utility model discloses **wiper** simple structure behind the car can promote the life of the rubber strip on the doctor -bar of **wiper**



behind the car.

63/1.798 © EPODOC / EPO

PN - [TW377319B](#) B 19991221
PR - SE19960004803 19961227
AP - TW19970118777 19971212
DT - I
CCI - [A61F13/15658](#)
PA - SCA MOELNLYCKE AB [SE]
TI - Device and method for air laying
of fiber or granular material on
a moving belt
AB - In a device and a method for
producing an absorbent
structure in an absorbent
product, such as a
sanitary **napkin**, panty protector,
incontinence protector, diaper or
the like, an airpermeable
shaping element in the form of
an endless belt (2), a so-called
wire gauze, is driven over a
delimited space (1) in which an
underpressure is present during
use caused by air being sucked
out through the endless belt (2)
into the space (1). This space is
momentarily delimited by partly
a part of said first endless belt
(2), partly a part of a second
endless belt (3) which runs
parallel with the first belt (2),
and partly by a pair of bars (4)
situated essentially transverse
to the common direction of
movement of the belts (2, 3)
which are fastened to the second
belt (3) and in **sealing** contact
with the first belt (2). The space
is further delimited laterally in
one direction by an evacuation
suction **box** (9) and in the other
direction by a further evacuation
suction **box** (9) or a **cover** plate
(10).



64/1.798 © EPODOC / EPO



PN	- CN106338599 A 20170118
PNFP	- CN106338599B B 20180130
PR	- CN20161863535 20160929
AP	- CN20161863535 20160929
DT	- I
CNOI	- (A) G01N33/528
PA	- (A) XIAMEN KEMU INTELLIGENT TECH CO LTD
TI	- (A) Urine test paper structure and urine test method
AB	- (A) The invention discloses a urine test paper structure and urine test method. The urine test paper structure comprises test paper provided with a plurality of testing blocks, and further comprises a bracket, a cover plate and a film; the test paper is fixed on one side of the bracket; the cover plate covers the test paper and is fixed with the bracket, a plurality of liquid storage tanks which correspond to the testing blocks one by one are formed on the cover plate; a plurality of diversion hole groups which are correspondingly communicated with the liquid storage tanks one by one are formed in the bracket correspondingly, and a tearable splash-proof towel is arranged on the other side of the bracket; diversion trenches communicated with the diversion hole groups are formed on two sides of the tearable splash-proof towel and a corresponding side of the bracket; the film is wrapped on the bracket and covers the cover plate and the tearable splash- proof towel . The structure and

method disclosed by the invention have the advantages of being convenient in sampling, independent in **sealing** packing to effectively eradicate external pollution, easy to **store** and high in urine test accuracy.

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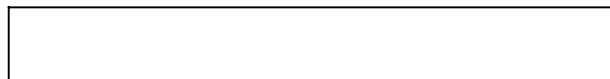
PN - [CN205905622U](#) U 20170125
PR - CN20162556909U 20160603
AP - CN20162556909U 20160603
DT - I
PA - UNIV HEBEI TECHNOLOGY
TI - Zero energy consumption wet - type dust collection plate **wipe**
AB - The utility model relates to a zero energy consumption wet - type dust collection plate **wipe**, including **box**, inside drive mechanism and the external **sealing** rubber circle of **box** of **box**, its characterized in that but the **box** is the **open** - type **box** the **box** upper **cover**, covering on the **box** and being equipped with **box** upper **cover** air vent, every **box** upper **cover** air vent constitutes by the aperture of a plurality of quantity, is provided with at the lower surface of **box** upper **cover** and puts a sponge, rubber gyro wheel through -hole has been seted up to the bottom plate centre of **box** to rubber gyro wheel through -hole is equipped with two bottom plate air vents for the axial symmetry, and the bottom plate air vent lies in **box** upper **cover** air vent under, has felt, the length of felt and the length phase -match of bottom plate at the lower fixed surface of bottom plate, the **sealing** rubber snare is in the bottom plate lower part of **box**, is made



by rubber materials, and the upper portion of **sealing** rubber circle is the straight -flanked ring, and the lower part is hollow truncated quadrangular pyramid, is provided with the adhesion sponge in hollow truncated quadrangular pyramid's inboard.

66/1.798 © EPODOC / EPO

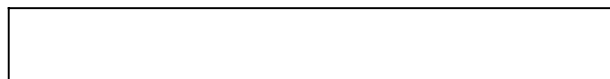
- PN - [WO2017129567](#) A1 20170803
- PR - GB20160001575 20160128
- AP - WO2017EP51437 20170124
- DT - *; Rep
- CT - |EP| ISR (A1)
[JP2005255657](#) A 20050922
 [A] (ICHIZAKA MITSUO)
 [A] 1-9
 * abstract *;
[GB2503678](#) A 20140108
 [A] (BIOMIMETICS HEALTH IND LTD [MT])
 [A] 1-9
 * page 8, line 31 - page 9, line 18; figures 1-3 *;
[EP1648523](#) A1 20060426
 [A] (GREEN BRUCE PHILIP [GB])
 [A] 5
 * paragraph [0036] *
- 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) 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).

TXT - flexible **container** comprising:
a **resealable opening**; **wipes** comprising a first reagent (eg a chlorite); a burstable comprising a second reagent (eg citric agent), so that the reagents form by mixing a disinfecting composition (eg chlorine dioxide) that impregnates the **wipes**. One of the reagents may comprise a coloured indicator for the reaction occurrence. Effect: in situ preparation of **wipes** impregnated by unstable disinfectants

67/1.798 © EPODOC / EPO
 PN - [CN106313980](#) A 20170111
 PR - CN20161820156 20160913
 AP - CN20161820156 20160913
 DT - I
 CT - || STSE (A)
[JPH08113000](#) A 19960507
 [A] (NICHIGAKU CO LTD, et al)
 [A] 1-3
 * 全文 *;
[CN201525225U](#) U 20100714



[A] (SHIYING YAN)
 [A] 1-3
 * 全文 *;
[CN202357734U](#) U 20120801
 [A] (JINDA CHE)
 [A] 1-3
 * 全文 *;
[CN203078111U](#) U 20130724
 [A] (ZHANG JUNYI)
 [A] 1-3
 * 全文 *;
[CN104648001](#) A 20150527
 [X] (SHAANXI DABO
 INFORMATION TECHNOLOGY CO
 LTD)
 [X] 1-3
 * 说明书第13-16段、图1 *;
[CN2743149Y](#) Y 20051130
 [Y] (GUO CHANGFU [CN])
 [Y] 1
 * 说明书第1-2页、图1 *

CNOI	- B43L21/00
PA	- NANINGYUANCAI EDUCATION CONSULTING CO LTD
TI	- Efficient cleaning dustproof blackboard eraser
AB	- The invention discloses an efficient cleaning dustproof blackboard eraser. The efficient cleaning dustproof blackboard eraser comprises a blackboard eraser body (1) and cleaning cloth (2). The cleaning cloth (2) is arranged in the center position of the blackboard eraser body (1). The edge of each of the parts, on the two sides of the cleaning cloth (2), of the blackboard eraser body (1) is provided with a row of hard bristle bundles (3). The end faces of the hard bristle bundles (3) are higher than the end faces of the fixedly-installed cleaning cloth (2) by 1 mm-2 mm. A water storage cavity is formed in the blackboard eraser body (1). The blackboard eraser body (1)

is further provided with a water inlet (5) communicating with the water **storage** cavity, a water spraying button (6) and a sprayer (7), wherein the water spraying button (6) and the sprayer (7) communicate with the water **storage** cavity through a water suction pipe, and the water inlet (5) is provided with a **sealing cover**. The efficient cleaning dustproof blackboard eraser is simple in structure, low in using cost, durable, practical, high in cleaning efficiency and capable of shortening the time for students on duty to **wipe** a blackboard.

68/1.798 © EPODOC / EPO

PN - [KR20160147522](#) A 20161223

PR - KR20150084377 20150615

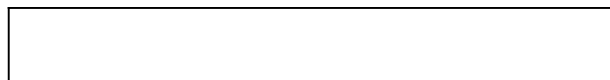
AP - KR20150084377 20150615

DT - I

PA - THREE APPLES COSMETICS CO LTD
[KR]

TI - Cotton **swab** for cosmetic

AB - The present invention relates to a cotton **swab** for cosmetics. According to the present invention, the cotton **swab** includes a tube filled with a composition supplied as a cosmetic liquid, a neck having a lower end edge **closely** fixing to an **open** upper end of the tube, and a **cover** selectively coupled to the neck and having a **cover** including one end to which one end of a cotton rod is fixed. The **cover** to which the **swab** is fixed is separated from the neck fixed to the upper end of the tube, and is re-coupled to the neck to tightly **seal** the tube. Accordingly, the cotton **swab** is usable at least two times. In



addition, when the **swab** is **stored** in the tube for the reuse of the **swab**, the **swab** in the tube is blocked from the outside with air tightness, thereby preventing the composition and the **swab** filled in the tube from being contaminated. Meanwhile, the **swab** is safely **stored** in the tube for the re-use of the **swab**, so that various compositions of medicals as well as the cosmetic liquid can be filled and used.

69/1.798		© EPODOC / EPO	
PN	-	AU2014404728 A1 20170112	
PNFP	-	AU2014404728B B2 20170223	
PR	-	WO2014EP68394 20140829	
AP	-	AU20140404728 20140829	
DT	-	I	
CT	-	STSE (B2) DE8911997U U1 19891123 []; US3840146 A 19741008 [] (BODEK G); US2003221986 A1 20031204 [] (REINKE CHRISTOPHER [US], et al); US4311252 A 19820119 [] (HOPE JR SAMUEL N, et al)	
CCI	-	A47K10/422 ; A47K10/423	
CCA	-	A47K2010/3233 ; A47K2010/3266	
PA	-	(A1 B2) SCA HYGIENE PROD AB	
TI	-	(A1 B2) Dispenser for interfolded napkins	
AB	-	(A1 B2) The present disclosure relates to a dispenser for interfolded napkins, the dispenser (1) comprising a container (2) having a supporting surface (8) for supporting a stack of interfolded napkins. The supporting surface (8) extends in a horizontal plane, and is	

surrounded by side walls (6) extending in a vertical direction perpendicular to the supporting surface (8), The side walls (8) define a **dispensing opening** (7) opposite the supporting surface (8), At least one **tab** (100) is arranged in the **container** (2) for retaining the stack of napkins during withdrawal of a **napkin** from the stack. The **tab** (100) is pivotably arranged in relation to the **container** (2) between a holding position, in which the **tab** (100) extends horizontally over at least a portion of the **dispensing opening** (7), and a refill position, in which the **tab** is directed away from the **dispensing opening**. The **tab** (100) pivots about a living hinge (101). One or more stop surfaces (103, 110) limit an extent to which the **tab** (100) is able to turn about the living hinge (101) toward the **dispensing** mouth (9).

- 70/1.798** © EPODOC / EPO
- PN - [CN205879725U](#) U 20170111
- PR - CN20162708781U 20160707
- AP - CN20162708781U 20160707
- DT - I
- PA - UNIV SHANXI DATONG
- TI - Take interior liquid density measuring device of reation kettle of manual **wiper** mechanism
- AB - The utility model relates to a liquid density measures the interior liquid density's of reation kettle in the trade of field, especially synthetic rubber measurement field. A hydraulic pressure sensor and the 2nd hydraulic pressure sensor are installed respectively to the



horizontal plane has covered inlet port and venthole on that take interior liquid density measuring device of reation kettle of manual **wiper** mechanism, **sealed container's** upper **cover** pass through the bolt fastening on **sealed container** to be covered on, and installs the density changer, and during the lower extreme of density changer was in **sealed container**, the density changer was in part among the **sealed container** at co -altitude not. The utility model discloses can realize the high accuracy of the interior liquid working medium density of reation kettle, online continuous, automatic measurement.

71/1.798 © EPODOC / EPO

PN - [WO2017004895](#) A1 20170112

PR - CN20151385662 20150703

AP - WO2015CN90090 20150921

DT - **

CT - [CN] ISR (A1)
[US2014016983](#) A1 20140116
[X] (KIM YOON HOI [US])
[X] 1-8
* , description, paragraphs [0003]-[0019] and [0034]-[0066], and figures 1-6, 7a-7c, 8a, 8c and 8d *;
[CN204764007U](#) U 20151118
[E] (SHYA HSIN PACKAGING INDUSTRY CHINA CO LTD)
[E] 1-8
* , claims 1-8 *;
[CN204764006U](#) U 20151118
[E] (SHYA HSIN PACKAGING INDUSTRY CHINA CO LTD)
[E] 1-3, 6-8
* , description, paragraphs [0027]-[0033], and figures 1-7 *;
[CN102763976](#) A 20121107
[A] (GEKA GMBH)



[A] 1-8
 *, the whole document *;
[CN102763972](#) A 20121107
 [A] (GEKA GMBH)
 [A] 1-8
 *, the whole document *;
[CN1863470](#) A 20061115
 [A] (CHANG CHARLES [US])
 [A] 1-8
 *, the whole document *;
[WO9632033](#) A1 19961017
 [A] (LVMH RECH [FR], et al)
 [A] 1-8
 *, the whole document *;
[CN102939028](#) A 20130220
 [A] (OREAL)
 [A] 1-8
 *, the whole document *

CUI - [A45D34/04](#) ; [A45D40/26](#)

PA - SHYA HSIN PACKAGING IND
 (CHINA) CO LTD [CN]

TI - SMEARING DEVICE HAVING
 SPECIALLY-SHAPED HEAD

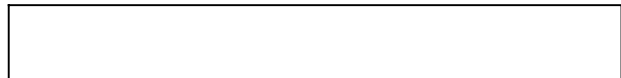
AB - A smearing device having a
 specially-shaped head
 comprises a **container** (1),
 a **cover** (2), a brush rod (3), a
 smearing body (4), and an inner
 plug (5). The smearing body (4) is
 fixedly connected to the tail end
 of the brush rod (3), and the
 radial section of the smearing
 body (4) is of a special non-
 circular shape. The inner plug (5)
 comprises a fixed portion (51)
 fixedly disposed at an **opening** of
 the **container** (1), and a rotating
 portion (52) disposed at the
 lower end of the fixed portion
 (51), rotating in a
 circumferential direction and
 fixed in other directions. A
 material scraping hole (521)
 allowing tight penetration of the
 brush rod (3) and used to **wipe**
 excessive cosmetics on the
 smearing body (4) is formed in
 an axial direction of the rotating

portion (52). The radial section shape of the material scraping hole (521) and the radial section shape of the brush rod (3) match the section shape of the smearing body (4) separately. When the **cover** (2) is **opened** or **closed**, the **cover** (2) can drive the brush rod (3) and the rotating portion (52) to rotate relative to the fixed portion (51). By designing the brush rod (3) and the material scraping hole (521) of the inner plug (5) to match the specially-shaped smearing body (4) and designing the inner plug (5) to be of a rotatable upper-lower layer structure, the problems of non-thorough material scraping and material gathering of a specially-shaped head can be resolved.

72/1.798

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PN - [CN205845619U](#) U 20161228
 PR - CN20162672815U 20160630
 AP - CN20162672815U 20160630
 DT - I
 PA - JIANGSU XIANGYUAN ELECTRIC EQUIPMENT CO LTD
 TI - Insulator plug self - cleaning drying system
 AB - The utility model relates to an insulator plug self - cleaning drying system, this system installation include cleaning machine and drying -machine after the process of polishing of insulator plug, this system's anterior segment is provided with the polisher, and the insulator plug is epoxy glass fibre core, its innovation point lies in: including frame, worm drive roller, liquid **storage** tank, sparge pipe, driving motor, plunger pump and drying -



machine, through adopting the clear washing liquid of automatic clearance system and ethanol, improved the efficiency to plug surface cleaning, reduced workman's intensity of labour, improved work efficiency, glass **cover open** -ended both ends are provided with a rubber **wipes** respectively, reduce volatilizing of washing liquid, and adopt and receive liquid pipe and filter screen, have improved the recovery cyclic utilization's of washing liquid efficiency, driving motor is the explosion proof machine, and is provided with the negative pressure suction fan on drying device, reduces the ethanol concentration in the air, possibility that organic liquid easily fired.

73/1.798 © EPODOC / EPO
PN - [CN205854017U](#) U 20170104
PR - CN20162889239U 20160817
AP - CN20162889239U 20160817
DT - I
PA - HAN QIHAO
TI - Sun shading board for automobile
AB - The utility model discloses a sun shading board for automobile, including setting up in the sunshading board of the indoor usefulness of car, the inside of sunshading board is provided with a cavity, sunshading board one end **opening**, and the **open** end communicates with each other with inside cavity, but installs the **storing box** of a pull in the inside air of sunshading board, set up a **storing** chamber in the middle of the thing **box**, the **napkin** paper is placed in



this **storing** intracavity, **storing box** up end **opening**, and **storing box** upper end sets up a removable **cover**, removable **cover** one end sets up in the medial extremity of **storing box** through pivot movable mounting in the upper end of **storing box opening** end surface, pivot, **storing box** up end both sides respectively set up a slide rail, just are provided with corresponding gyro wheel on the sunshading board cavity top mould to the slide rail, and install in the slide rail gyro wheel bottom. The utility model discloses embedding traditional **napkin** carton in the sunshading board, not changing the outward appearance of sunshading board promptly, saved the space of putting the **napkin** carton again, it is more novel to design, and it is more convenient to use.

74/1.798 © EPODOC / EPO

PN - [CN106213724](#) A 20161214

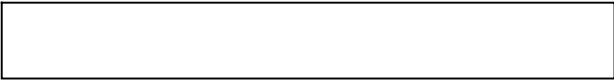
PR - CN20161734139 20160825

AP - CN20161734139 20160825

DT - I

CT - || STSE (A)
[US2002029993](#) A1 20020314
 [A] (WANG HUAN JEN [TW])
 [A] 1-8
 * 全文 *;
[CN203524377U](#) U 20140409
 [Y] (ZHENG XIANGGAO)
 [Y] 1-3, 5
 * 说明书第1-12段, 附图1,2 *;
[CN205114087U](#) U 20160330
 [Y] (XIAMEN QIAORAN IND AND TRADE CO LTD)
 [Y] 1-3, 5
 * 说明书第1-19段, 附图1-3 *

PA - LONGQUAN JIAWEN WOOD IND CO LTD



TI - Travel suit tea set **packaging box**

AB - The invention discloses a travel suit tea set **packaging box**. The travel suit tea set **packaging box** comprises a base which is provided with a groove and a **containing** groove, the section of the **containing** groove is larger than that of the groove, and a **box** with an **opening** formed in the top face is **contained** in the groove; a combined tea set **containing** rack is arranged in the **box**, the **opening** of the **box** is covered with a **cover** plate, a tea **towel** is arranged on the **cover** plate, a male-faced hook and loop fastener is fixed to the top face of the side of the tea **towel**, a female-faced hook and loop fastener is fixed to the bottom face of the other side of the tea **towel**, and the tea **towel** passes through the bottom face of the base to be wound one circle and compresses the **cover** plate on the top of the **box** through bonding of the male-faced hook and loop fastener and the female-faced hook and loop fastener; the outline size of the **cover** plate is matched with the section size of the **containing** groove, and a groove is formed in the top face of the **cover** plate and provided with filter holes. The travel suit tea set **packaging box** can conveniently carry a tea set and conveniently serve as a tea drinking tool and is worthy of application and popularization.

75/1.798 © EPODOC / EPO

PN - [CN106233117](#) A 20161214

PR - GB20140007002
20140417; WO2015GB51155
20150416



AP	- CN2015819823 20150416
DT	- I
CCI	- A61B10/0045 ; A61B10/0051 ; A61B10/007
CUI	- A61B5/150358 ; B01L3/0272 ; B01L3/5029 ; G01N1/10
CUA	- B01L2300/042 ; B01L2300/046 ; B01L2300/069 ; B01L2300/0832 ; B01L2300/0848 ; B01L2300/123 ; B01L2400/0481 ; G01N2001/028
PA	- THE SEC DEP FOR HEALTH
TI	- Fluid collection device
AB	- A fluid collection device comprising an elongate container having an opening at one end, and a swab that is insertable into the container through said opening , wherein: the swab comprises an absorbent collector, for acquiring a fluid sample in use; and the internal cross-sectional area of the container becomes smaller in a direction away from the opening , the internal cross-sectional area becoming sufficiently small so as to cause the absorbent collector to be radially compressed as the swab is inserted into the container in use, thereby causing the absorbent collector to release at least some of the fluid sample held therein. The swab may further comprise a shaft, the absorbent collector being at or near a distal end of the shaft, and a closure being at or near a proximal end of the shaft, the closure being adapted to engage with the container and to close the opening of the container with the absorbent

collector inside the **container**.
The **closure** may further comprise
an outlet through which fluid
within the **container** can
be **dispensed** in use, subsequent
to the **closure** having been
engaged with the **container**.

76/1.798 © EPODOC / EPO

PN - [US2016353948](#) A1 20161208
PR - US201514728878 20150602
AP - US201514728878 20150602
DT - *; Rep
CCI - [A47K10/38](#)
CCA - [A47K10/3818](#) ; [A47K10/424](#) ;
[A47K2010/3233](#)
PA - ZHU LILIA ZHU ZHIQIAN [US]
TI - **Towel**/tissue holder
and **dispenser** with refill
indicator
AB - A **towel**/tissue holder
and **dispenser cover** with a
manual or auto refill indicator is
described. An indicator piece on
a tissue roll **cover** rotates to a
more stable position along an
axis mounted on the **cover** when
inadequate volume of tissue,
wet **towel** or drying **towel** is
remaining on the hanger. The
visual difference between the
two sides of the indication piece
serves as a visual alert of for
refill/replacement of the roll
of **towel**. The indicator piece is
on the tissue **cover** and can be
flipped manually or
automatically by design. An
indicator piece is fixed on an
easily visible surface of
a **dispenser**, and can be
pushed/flipped **open** to show a
warning sign of low or no supply
of tissue roll, paper **towel** or
dry **towel**.



77/1.798 © EPODOC / EPO



PN	- KR20160123045 A 20161025	
PNFP	- KR101800269B B1 20171123	
PR	- KR20150053055 20150415	
AP	- KR20150053055 20150415	
DT	- I	
PA	- (A) YUN AN KU [KR]	
TI	- (A B1) Box for collecting used sanitary napkins	
AB	- (A) The present invention relates to a box to collect used sanitary napkins wherein a plastic bag easily attached and detached is used to further facilitate a collection of used sanitary napkins and a replacement of the plastic bag. A traditional box to collect the used sanitary napkins has a problem of which a housing cover has to be separated to replace a sanitary bag, and the sanitary bag has to be separated as the sanitary bag has been wound in a shape of a roll. To solve this problem, the box to collect the sanitary napkin installed in a wall of a public restroom to be able to collect a sanitary napkin inside a main body in accordance with the present invention comprises: an attaching and detaching device installed and combined inside the main body to be able to attach and detach a plastic bag to collect the used sanitary napkin; a main cover combined with a front surface of the main body to open forwards to be able to replace the plastic bag; and an input cover combined with the main cover to open backwards to be able to input a used sanitary napkin. As	

such, the present invention is able to be replaced and maintained more easily as a plastic bag is able to easily be combined and separated by the attaching and detaching device. Moreover, a consumed plastic bag is able to be replaced more easily and a used sanitary **napkin** is able to be collected more easily as the main **cover** and the input **cover** are configured to be able to be **opened** and **closed** by rotation. Moreover, costs for purchasing plastic bags are reduced and a convenience of management is improved as any plastic bag existing around is able to be used due to compatibility.

78/1.798 © EPODOC / EPO

PN - [KR20160125255](#) A 20161031

PNFP - KR101755387B B1 20170711

PR - KR20150056197 20150421

AP - KR20150056197 20150421

DT - I

PA - (A)
PARK JUN HYUNG [KR]

TI - (A B1)
Disposable towels that are cut adjustable automatic **dispenser**

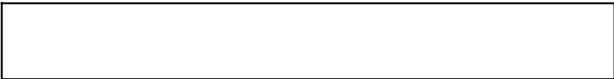
AB - (A)
The present invention relates to a disposable automatic **towel** withdrawal device with a controllable cutting length. The present invention comprises: a case of which inner space is **opened** or **closed** by a **cover**, and including an outlet in the floor part; a core of which both ends are installed on inner sides of the case, and on which a **towel** member is wound a number of times; a roller



member installed at a distance from the inner surface of the floor part of the case, and discharging the **towel** member to the outlet by pulling the **towel** member unwound from the core; a cutting member installed on the inner surface of the floor part of the case to cut the **towel** member discharged to the outlet through the roller member; and a control part controlling the operation of the cutting member and the roller member by receiving power from the outside.

79/1.798 © EPODOC / EPO

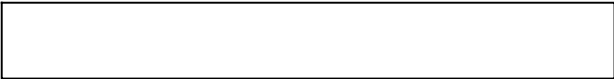
PN	- CN205674614U U 20161109
PR	- CN20162580266U 20160616
AP	- CN20162580266U 20160616
DT	- I
PA	- GOLDSTONE PACKAGING (JIAXING) CO LTD
TI	- A epiphragma for aluminum can seals
AB	- The utility model relates to an epiphragma for aluminum can seals , have an aluminium foil layer on printing layer including heat - seal layer and top, the glutinous agent complex of polyurethane is passed through on the heat - seal layer in the aluminium foil layer, does the heat - seal layer include polyethylene layer and ethylene vinyl acetate copolymer layer, it has one deck protection gloss oil layer to go back the coating on the printing layer, and the mould pressing has the decorative pattern groove on the protection gloss oil layer, the utility model discloses an advantage: through the aluminium foil as printing material, bright colors is beautiful, the glossiness is good,



good deflection hinders oxygen and hinders that wet to hinder performance such as light fine, and can not scraped through printing ink behind the protection gloss oil layer and **wipe**, set the heat -**seal** layer to polyethylene layer and ethylene vinyl acetate copolymer layer, heat - **seal** layer intensity is high just easily tears for **container closure** epiphragmas such as aluminum can, the setting in decorative pattern groove makes the mould can not produce the piece problem of inhaling between cutting into slices, in order to be applicable to the production facility that the slice was **sealed**.

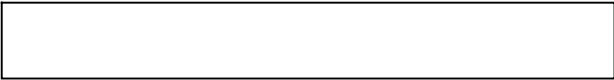
80/1.798 © EPODOC / EPO

PN - [CN106039335](#) A 20161026
 PR - CN20161598239 20160727
 AP - CN20161598239 20160727
 DT - I
 CNOI - [A61L2/04](#)
 CNOA - [A61L2202/26](#)
 PA - DONGGUAN CITY GUHAO PLASTIC HARDWARE PRODUCTS COMPANY LTD
 TI - **Towel** heater bucket and heating method thereof
 AB - The invention discloses a **towel** heater bucket and a heating method thereof, comprising an inner **container**, a shell, a top **cover**, a base, a heating control device and a heating wire, the inner **container** is arranged in the shell, the heating wire is evenly distributed on the outer wall of the inner **container** and is connected with the heating control device, the top **cover** covers the shell and can **seal** an **opening** of the



inner **container**, and the base is positioned at the bottom of the shell. The bucket of the invention is ingenious and reasonable in structure, a **towel** is placed in the **sealed** inner **container** and then is quickly heated up through the heating wire to a high temperature for a certain time, thereby providing quick heating and sterilization, the **towel** is then cooled gradually and kept at the suitable temperature, allowing a user to use the warm, soft and comfortable **towel** at any time after having a shower, comfort is brought to the user, living quality is effectively improved, heating that is carried on in a **sealed** space is highly efficient and low in energy consumption and prevents the user from being scalded, and the bucket is safe to use, high in reliability and easy to widely popularize and apply.

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PN	- CN205783066U U 20161207
PR	- CN20162436469U 20160516
AP	- CN20162436469U 20160516
DT	- I
PA	- DAI RONG
TI	- Novel multifunctional lighter
AB	- The utility model discloses a novel multifunctional lighter, it includes casing, lighter box body, match stick, handle, sealing member, match pole, cylindrical shell, toper elasticity press section, burning carrier, match end, holds chamber, broadcaster, button, speaker, compass, wind cap, press the switch, electric spark generator, cover , round pin axle, spout, flint, can control electric



spark generator through press the switch and light to inhale and have oil -fired glass fiber core, the wind cap and the bleeder vent in the outside can guarantee that the glass fiber core burns under the strong wind circumstances, and the right side is provided with the match stick and draws in being provided with the spout of flint through the match end that speckles with the burning oil and **wipe** the ignition combustion carrier simultaneously, provide the multiple mode of getting angry in order to emergent, and the broadcaster of lighter **box** body lower extreme sends the ear - piercing sound of high frequency high -decibel through the speaker and can be used to defend oneself or report to the police simultaneously, for example be used for driveeing out wild animal or bad person, lighter **box** body middle part compass can be outdoor provider to discerning help.

82/1.798 © EPODOC / EPO

PN - [CN205729188U](#) U 20161130

PR - CN201521100379U 20151225

AP - CN201521100379U 20151225

DT - I

PA - JI ZHUANNI

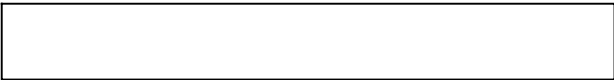
TI - A full -automatic ware of wiping

AB - The utility model discloses a full -automatic ware of wiping, including the **storage** silo, the **storage** silo top is provided with the upper **cover** plate, and **open** at the upper **cover** plate middle part has the round hole, is provided with the post of exerting pressure in the round hole, the inside control system



that is provided with of the post of exerting pressure, and the **storage** silo bottom is provided with the silk **box**, and the filament plate is **wiped** with falling to being provided with to the **storage** silo between the silk **box**, **wipe** on the filament plate division to **wipe** a tool bore, and the concrete structure of control system is: including control chip, control chip is connected with the CD-ROM drive motor, and the CD-ROM drive motor sets up on wiping the filament plate, and control chip still is connected with distance sensor, and distance sensor sets up in the toe portion internal surface of exerting pressure, and control chip is by mains operated, and a two sides of wiping filament plate and the **storage** silo and the silk **box** contact that falls is provided with the guide rail respectively, and guide rail and **storage** silo and the silk **box** cooperation that falls realize wiping filament plate slip back and forth between **storage** silo and the silk **box** of falling, the utility model provides an exist among the prior art **wipe** the problem that a ware is very easily hindered the hand and can not all be **wiped** the filamentation.

83/1.798 © EPODOC / EPO
PN - [US2016338553](#) A1 20161124
PR - US201615130139
20160415; US201562145767P
20150410
AP - US201615130139 20160415
DT - *; Rep
CUI - [A47K10/421](#) ; [A47K10/46](#)
CUA - [A47K2010/3266](#)



- PA - CARTERTAMMYLAJEAN [US]
- TI - Tissue, Sanitizer **Wipes**
Double **Dispenser**, and Trash Bag
Cup
- AB - The double **dispenser** comprising
of a cup with detachable trash
bag underneath cup, also deck
top **container** with divider down
the middle of each consists of a
plastic lid. The first **seal** is a
clear plastic with lines cut to
each compartment to **dispense**.
The second is a round thicker
plastic lid to **cover** both sides.

Interruption by user...

Do you wish to continue ? (Y/N) n

[SS 20]