



New connection on: : 06-06-2018 : 02:00:46 - Last disconnection on: : 06-06-2018 : 01:54:48

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Welcome to EPOQUE Rebuild under the Production Environment

[EPODOC: SS 10] steamer AND apparatus AND steam+ AND lock AND pump AND heat+ AND liquid

Results in EPODOC 0

[SS 11] steamer AND apparatus AND steam+ AND lock AND pump AND heat+

Results in EPODOC 0

[SS 12] steamer

Results in EPODOC 11.546

[SS 13] steamer AND apparatus AND lock AND pump AND heat+

Results in EPODOC 0

[SS 14] steamer AND apparatus AND lock AND pump

Results in EPODOC 3

[SS 15] ..v

[EPODOC: SS 15] steamer AND lock

Results in EPODOC 118

[SS 16] ..v

[EPODOC: SS 16] ..li



1/118 © EPODOC / EPO

PN - [CN207012072U](#) U 20180216

PR - CN20172168643U 20170224

AP - CN20172168643U 20170224

DT - I

PA - GUANGDONG VANWARD ELECTRIC CO

TI - Electric **steamer** of virgin **lock** function in area

AB - The utility model provides an electric **steamer** of virgin **lock** function in area, includes box, the door body and control circuit, control circuit is equipped with gate controlled switch and virgin lockcontrol module, virgin **lock** control module includes the virgin **lock** of electromagnetism, the virgin **lock** of electromagnetism is established ties with the gate controlled switch, the door body is connected with the box through the hinge, a box and the arbitrary person of the door body are located to the virgin **lock** of electromagnetism, another person be equipped with with the virgin **lock** complex lockhole of electromagnetism, what gate on -off control electromagnetism child locked opens and close. Electric **steamer** touches the gate controlled switch and makes the virgin **lock** circular telegram ofelectromagnetism under standby state when the close the door body, virgin **lock** of electromagnetism and lockhole cooperation make the door body open to ensure electric **steamer** in the course of the work, can not open a body, thereby avoided the scald accident because of electric **steamer** door body open by mistake causes.

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PN - [CN207012063U](#) U 20180216

PR - CN20172167757U 20170223

AP - CN20172167757U 20170223

DT - I

PA - ZHEJIANG SUPOR ELECTRICAL APPLIANCES MFG CO LTD

TI - Cooking utensil

AB - The utility model provides a cooking utensil. Cooking utensil personally experiences sth. Part of the body and covers the upper cover of establishing on the pot body including the pot, and the pot body includes shell, inner bag and food **steamer**, and cooking utensil still includes: the seal structure of setting between the upper cover and the pot body, when upper cover during with pot body **lock**, the setting of all laminating of seal structure and the upper surface of food **steamer** and inner bag, and the inner wall of the outer wall of seal structure, food **steamer** and inner bag forms sealedly tothe chamber together. The technical scheme of the utility model the sealed insecure problem between inner bag and the food **steamer** among the prior art of can solving.

3/118 © EPODOC / EPO

PN - [CN206933635U](#) U 20180130

PR - CN20172942391U 20170731

AP - CN20172942391U 20170731

DT - I

PA - GUANGZHOU GANGYAN LEATHERWEAR COLTD

TI - Portable jewelry cosmetic cases

AB - The utility model discloses a portable jewelry cosmetic cases, including box body, big cosmetics groove and handle, the inside movable mounting of box body has the

jewelry **steamer** tray no. One, the inside fixed mounting of a jewelry **steamer** tray has jewelry **steamer** tray baffle, and the surface of a jewelry **steamer** tray is equipped with the trick **lock** no. One, and the internal surface fixed mounting of lid has a lamp area, the inside in lamp area is equipped with the lens. A portable jewelry cosmetic cases, be equipped with jewelry **steamer** tray baffle, a trick **lock**, no. Two trick locks, lamp area and handle, make full use of the inner space of this box, set up two jewelry **steamer** trays, and be divided into two one of them jewelry **steamer** tray, can hold manifold jewelry type, make it easily carry through the handle, and can supply the user to use under the dim condition of environment, can also protect the jewelry in the box well, it is stolen to make it be difficult to, be suitable for different working conditions, bring better use prospect.

4/118 © EPODOC / EPO

PN - [CN206941256U](#) U 20180130
 PR - CN20172342357U 20170401
 AP - CN20172342357U 20170401
 DT - I
 PA - GUANGDONG MIDEA ENVIRONMENT APPLIANCES MFG CO LTD; MIDEA GROUP CO LTD
 TI - Clothes ironing board rotary mechanism and garment **steamer**
 AB - The utility model relates to a clothes ironing board rotary mechanism, including the clothing board epitheca with one's clothes on board inferior valve of rotating assembly with upper and lower **lock**, rotating assembly includes that both ends are equipped with the rotation axis of support, on the rotation axis in proper order the cover be equipped with elastic element, big change end, little commentaries on classics ends, the button, big change end with only gomphosis and separation each other of little commentaries on classics, and big change to end ending with little commentaries on classicscan rotate the arbitrary angle degree relatively at the circumferencial direction of rotation axis when separating. The utility model discloses a hang the clothes hanger structure realized the clothing can be on the clothes ironing board with rbitrary angle rotation and the locking iron, and easy operation, switching angle improve ironing efficiency and efficiency rapidly, greatly when rotatory clothes ironing board.

5/118 © EPODOC / EPO

PN - [CN206890951U](#) U 20180116
 PR - CN20172624126U 20170601
 AP - CN20172624126U 20170601
 DT - I
 PA - SHANGHAI SHANTAO INFORMATION TECH CO LTD
 TI - Bacterin cabinet
 AB - The utility model discloses a bacterin cabinet, including the cabinet body, refrigerating system, power indicator, as if unwatering pumping **steamer** tray and a plurality of electromagnetic **lock**, refrigerating system sets up the lower part of the cabinet body, if the unwatering pumping **steamer** tray sets up respectively the cabinet is internal, and is located refrigerating system's top, every the drawer all the drawer slide rail through two relative settings with cabinet body sliding connection, power indicator sets up on the preceding curb plate of the cabinet body, and lie in the top of drawer, a plurality of

electromagnetic **lock** one -to -one ground set up if the rear of unwatering pumping **steamer** tray, be provided with the drawer latch hook on the backplate of drawer, be provided with the spacing buckle of electro -magnet on the electromagnetic **lock**, the drawer **lock** dogging connects the buckle inslot of the spacing buckle of electro -magnet. The utility model discloses a bacterin cabinet can satisfy bacterin cabinet's airtight requirement, reduces to leak the air conditioning phenomenon, makes bacterin cabinet's drawer open and shut conveniently moreover.

6/118 © EPODOC / EPO

PN - [CN206896234U](#) U 20180119
 PR - CN201621143282U 20161021
 AP - CN201621143282U 20161021
 DT - I
 PA - ZHANJIANG JIACHENG TECH SERVICE CO LTD
 TI - Portable safe formula family expenses evaporate **steamer** tray
 AB - The utility model discloses a portable safe formula family expenses evaporate **steamer** tray, including supporting legs, locating pin and fixed plate, the casing both sides are provided with the bayonetlock, and install the water catch bowl below it, be provided with the removal connecting plate on the bayonet **lock**, be provided with the telescopic link on the supporting legs, the hole is evaporatedto inside being provided with in casing below, the handle below is provided with the air inlet, and is provided with pressure measurement above the air inlet, connecting device is inside to be provided with sealed the pad, and the sealed side of stacking up is provided with a button. This portable safe formula family expenses evaporate **steamer** tray, the **steamer** tray that evaporates that combinesnow generally to use carries out the innovative design, through being provided with the bayonet **lock** and removing the connecting plate evaporating the **steamer** tray both sides to install the supportinglegs on the connecting plate, make this evaporate being used in the diameter is greater than the pot that evaporates the **steamer** tray that the **steamer** tray can be smooth, and the apron with can the junction be provided with the liftable and expand the fixed plate, user of service just can take out and put down through the whole that the handle go control to evaporate the **steamer** tray like this, convenient to use just swiftly.

7/118 © EPODOC / EPO

PN - [CN206853131U](#) U 20180109
 PR - CN20172783176U 20170630
 AP - CN20172783176U 20170630
 DT - I
 PA - QIU JUNJIE
 TI - Reel of kite
 AB - The utility model discloses a reel of kite, including interior wheel and foreign **steamer**, lie in the foreign **steamer** of hand side under the lateral part be equipped with the locking groove, lie in the wheel of hand side under the lateral part be equipped with the **lock** seat, the lateral part of **lock** seat is equipped with the lockpin export, the hinge is equipped with that can show the back from thelockpin export and the ratchet in lockpin export one side is leaned on on the top in the **lock** seat, is equipped with

between **lock** seat and the ratchet to keep leaning on ratchet elasticity top at the tight device in the elasticity of lockpin export one side top, still be equipped with in the **lock** seat and carry out the main locking device who locks and will put ratchet to the **lock** in and carry out the vice locking device that locks inserting ratchet in the locking groove. This reel of kite can be according to the difference of use needs, realizes positive and negative rotation, unidirectional rotating and locking three kinds of fixed operating condition of foreign **steamer**.

8/118 © EPODOC / EPO

PN - [CN206855407U](#) U 20180109
 PR - CN20172589392U 20170525
 AP - CN20172589392U 20170525
 DT - I
 PA - SUZHOU ANJIELI IND EQUIPMENT CO LTD
 TI - Heavy tool cabinet safe self -locking device
 AB - The utility model discloses a heavy tool cabinet safe self -locking device, including the tool cabinet box, be equipped with on the tool cabinet box if the unwatering pumping **steamer** tray, the drawer has drawer guideway, drawer panel, sets up be provided with drawer handle on the drawer panel, be located gliding connecting rod about vertical being equipped with on the tool cabinet box, it is fixed that the connecting rod passes through the locating part at both ends, and the bearing is fixed on the connecting rod, and through install the bearing on the connecting rod, the bearing upwards climbs along guide rail when the drawer is opened to staff on the connecting rod blocks the little dog on the drawer, realizes the auto -**lock** of all the other drawers, its simple structure, convenient to use.

9/118 © EPODOC / EPO

PN - [CN206798190U](#) U 20171226
 PR - CN20172564408U 20170520
 AP - CN20172564408U 20170520
 DT - I
 PA - DONGTAI HONGDA COLOR PACKING CO LTD
 TI - Fast division airtight food cartridge
 AB - The utility model discloses a fast division airtight food cartridge, including box body and lid, this lid in the box mouthful position of box body, its characterized in that: the oral area that the lid passes through jointing tape and box body bonds mutually, be equipped with the division board in the box body, two tolerant chambeies are separated into with the box body with closed chamber between the lid to this division board, the bottom is equipped with condiments **steamer** tray and tableware **steamer** tray in the box of box body, and this condiments **steamer** tray and tableware **steamer** tray are arranged in two tolerant chambeies of box body respectively, be equipped with to lift on the top surface of lid and cover the tear string and turn over the tear string, lift to cover the tear string and turn over the tear string and intersect continuously. Should be used for the fast division airtight food cartridge of fast food, not only box body lid **lock** is tight, opens convenient to use, and can be fine keep the meal genuine, and box body intensity is high, can effectively prevent extrusion deformation.

10/118 © EPODOC / EPO

- PN - [CN206765708U](#) U 20171219
- PR - CN20172294250U 20170324
- AP - CN20172294250U 20170324
- DT - I
- PA - NANTONG WELLTEX PLASTIC CO LTD
- TI - Prevent universal wheel mechanism that comes unstuck
- AB - The utility model discloses a prevent universal wheel mechanism that comes unstuck, including wheel body and brake equipment, the wheel include the interior wheel that forms through once moulding plastics and through the secondary mould plastics form including the foreign **steamer** in the wheel outside, the center of interior round of terminal surface is provided with the centre bore that is used for installing the axis of rotation, the middle part of the annular side of interior wheel is provided with annular boss, brake equipment including fixed set up on the vertical axis and with the vertical axis bottom is connected have a plurality of **lock** teeth the brake fluted disc, be connected and be equipped with with the support frame first pivot brake bracket, with brake bracket pass through the second pivot rotate mutually the locking footboard be connected, with **lock** the footboard and pass through the third pivot and rotate the unblock footboard of being connected mutually. The utility model discloses a wheel passes through to increase the recess and the arch of adaptation, has prevented the degumming phenomenon of foreign **steamer**, has increased the bearing capacity of wheel simultaneously, while brake equipment convenient to use, and it is only effectual to stop, whole long service life.

11/118 © EPODOC / EPO

- PN - [CN206744947U](#) U 20171215
- PR - CN20162871135U 20160805
- AP - CN20162871135U 20160805
- DT - I
- PA - LI JING
- TI - Special multifunctional file cabinet of financial affairs
- AB - The utility model belongs to the office accommodation field, the utility model discloses a special multifunctional file cabinet of financial affairs, it is main including the filing cabinet, computer and scanning photographic means, the computer is connected with scanning photographic means electricity, the preceding side surface of filing cabinet is the cabinet door, the cabinet door includes the left -hand door, right side door and stand, be equipped with trick **lock** and fingerprint **lock** on the stand, if the inside of filing cabinet is equipped with the unwatering pumping **steamer** tray, humidity transducer, control chip and air dehydrating unit, the outside of filing cabinet is equipped with the fire prevention dampproof course, the upper left corner of left -hand door is equipped with numbering area a, the right side of drawer is equipped with numbering area b, the trick **lock**, the fingerprint **lock**, control chip and air dehydrating unit all are connected with the power electricity, humidity transducer, air dehydrating unit all is connected with the control chip electricity. The utility model discloses can carry out documentation with scanning photographic means through the computer, only need be

on the computer name of input file, can inquire the storage position of file, facilitate for financial staff's work.

12/118 © EPODOC / EPO

- PN - [CN206677541U](#) U 20171128
- PR - CN20172455796U 20170427
- AP - CN20172455796U 20170427
- DT - I
- PA - ZHENGZHOU YUNHAI INFORMATION TECH CO LTD
- TI - **Lock** special tool of quick -witted case mainboard screw
- AB - The utility model provides a **lock** special tool of quick -witted case mainboard screw, its structure includes the tool panel, has seted up the screw gauged orifice on the tool panel, the quantity and the screw quantity of **lock** at quick -witted case mainboard of screw gauged orifice equal, and the diameter of screw gauged orifice is greater than the diameter of the screw of **lock** at quick -witted case mainboard, the tool panel coincides in the foreign **steamer** profile of mainboard with quick -witted case mainboard face contact, the foreign **steamer** profile of tool panel, and the position of screw gauged orifice is relative one by one with the **lock** screwing position of quick -witted case mainboard, still articulated on the tool panel have a separation blade, separation blade small in quantity in the quantity of screw gauged orifice, and the separation blade rotation is in order to shelter from at least one screw gauged orifice. Be fixed with the handle on the tool panel, the position of offering of screw gauged orifice is not sheltered from or covers in the projection of handle, in the tool panel of conveniently taking, still makes things convenient for the **lock** solid of screw. The utility model discloses **lock**, the wrong phenomenon of locking take place to leak for the **lock** solid that the knot is used for quick -witted case mainboard to tighten up a screw when avoiding mainboard **lock** solid screw.

13/118 © EPODOC / EPO

- PN - [CN206681519U](#) U 20171128
- PR - CN20172379763U 20170412
- AP - CN20172379763U 20170412
- DT - I
- PA - ZHEJIANG RUIAN DONGFANG ELECTRIC APPLIANCE FACTORY
- TI - No key button **lock**
- AB - The utility model discloses a no key button **lock**, including the **lock** base seat, be equipped with the mount on the **lock** base seat, be equipped with the screw hole on the mount, be equipped with the baffle on the **lock** base seat, be equipped with the recess on the baffle, be equipped with the buckle on the recess, be equipped with the push rod seat on the **lock** base seat, it has the push rod to link on the push rod seat, be equipped with the screw thread on the push rod, the push rod outside is equipped with the catch, be equipped with the button in the catch, the inside spring bolt that is equipped with of **lock** base seat, this **lock** is furnished with L type scour protection iron sheet, is equipped with the screw hole on institute's L type scour protection iron sheet of telling, is located the L type scour protection iron sheet left and right sides, and is the symmetry. Its installation of this novel one kind no key button **lock** is simple, and the

switch is nimble, and the appearance of fine need not the key, can pin according to the knob down, and open the door and also only need can open according to pulling button behind the knob down. The effectual belt tightening pulley **steamer** of having avoided still, car as a house are expert at and are sailed the in -process and wave and rock and lead to the fact the automatic phenomenon of opening of indoor furniture cabinet door.

14/118 © EPODOC / EPO

PN - [CN206641731U](#) U 20171117
 PR - CN2017233408U 20170111
 AP - CN2017233408U 20170111
 DT - I
 PA - SHENZHEN FULIN KITCHEN EQUIPMENT CO LTD
 TI - Energy -saving utensil that evaporates
 AB - The utility model discloses an energy -saving utensil that evaporates has solved the loss of evaporating vapor in the utensil, the problem that results in rivers to lose, and its technical scheme main points are energy -saving utensil that evaporates, including the base, being equipped with the retainer plate on the base, the cover is equipped with the outer wall that is used for with the food **steamer** and contacts the elasticity sealing washer that seals with production elasticity on the retainer plate, by the connecting piece **lock** solid between elasticity sealing washer and the retainer plate, reaches sealing performance promotion between elasticity sealing washer and the retainer plate for steam reduces the loss under sealed environment.

15/118 © EPODOC / EPO

PN - [CN206635716U](#) U 20171114
 PR - CN20172244546U 20170314
 AP - CN20172244546U 20170314
 DT - I
 PA - TIANJIN RESEARCH INSTITUTE FOR WATER TRANSP ENGINEERING M O T
 TI - Inland river **lock** low reaches nearly monolith channel decline of water table renovation structure
 AB - The utility model discloses an inland river **lock** low reaches nearly monolith channel decline of water table renovation structure, the middle of the river continent that the nearly monolith in inland river **lock** low reaches is located wherein falls into non - navigation channel in right side and left side navigation channel, should renovate the structure and be: arrange the closure dam at the non - navigation channel in right side, arrange open channel and harmony dam in left side navigation channel, the parabolic edge section is arranged and adopted to the open channel along the mainstream direction, includes the channel the channel bilateral symmetry is provided with leads the wall the channel with it is provided with the side slope to lead between the wall, the head works both sides of open channel respectively are equipped with one the harmony dam, the harmony dam with the head works and the neritic facies of open channel connect, the top mark of harmony dam high with the head works top mark height of open channel is the same. The utility model discloses in the high nearly monolith water level of harmony, increase channel depth, can effectively avoid the bad rivers flow state of the interior production of open channel to less economic cost realizes the

improvement of the nearly monolith decline of water table in internal river **steamer** floodgate low reaches.

16/118 © EPODOC / EPO

- PN - [CN206607434U](#) U 20171103
- PR - CN20172339760U 20170331
- AP - CN20172339760U 20170331
- DT - I
- PA - GUANGDONG MIDEA ENVIRONMENT APPLIANCES MFG CO LTD; MIDEA GROUP CO LTD
- TI - Hand -held type garment **steamer**
- AB - The utility model relates to the technical field of household appliances, a hand -held type garment **steamer** is disclosed, include: heating base, heating base includes the bottom plate lid and sets up the annular all board that the bottom plate was covered, the **lock** is in the upper end of the all boards of annular separate heat exchanger the lateral surface structure that separates heat exchanger's perisporium has towards the convex first card portion of holding in the outside, and set up separate the engine body shell on the heat exchanger engine body shell's medial surface structure has the court engine body shell's the central convex second card portion of holding, wherein, first card hold the portion with a looks joint is held to the second card. This hand -held type garment **steamer** has the thermal -insulated effectual advantage low with the engine body shell temperature.

17/118 © EPODOC / EPO

- PN - [CN206576562U](#) U 20171024
- PR - CN201621066368U 20160921
- AP - CN201621066368U 20160921
- DT - I
- PA - CAI MINGZHI
- TI - Dual -use removal medicinal material cabinet
- AB - The utility model provides a dual -use removal medicinal material cabinet, include the medicinal material cabinet and install the universal wheel of medicinal material cabinet bottom, the universal wheel with medicinal material cabinet junction is equipped with damping device, if the upper equipartition of medicinal material cabinet is the unwatering pumping **steamer** tray, the lower floor of medicinal material cabinet personally experiences sth. Part of the body for the cabinet, each the drawer **lock** is installed to the opening part of drawer, the switch of drawer **lock** is located the outer terminal surface of drawer, the outer terminal surface of drawer is equipped with drawer handle and drawer subsides mark groove, the cabinet body is equipped with cabinet door and cabinet **lock**, the cabinet **lock** -switch is located the cabinet is the surface outdoors, cabinet surface outdoors is equipped with cupboard door shake handhandle and cabinet consideration mark groove. This removal medicinal material cabinet is capacious, load and seek the convenience, can avoid the medicinal material loss, has good application prospect.

18/118 © EPODOC / EPO

PN - [CN206534513U](#) U 20171003
 PR - CN201621238738U 20161116
 AP - CN201621238738U 20161116
 DT - I
 PA - ZHONGSHAN GUANGPENG ELECTRIC APPLIANCE CO LTD
 TI - Novel electric **steamer**
 AB - The utility model discloses a novel electric **steamer** , include: the box, be equipped with in the box and hold the chamber, water tank set spare, water tank set spare sets up the one side that holds the chamber, filter element group spare, filter element group spare sets up the one side that holds the chamber, filter element group spare includes filter core and quick -operation joint, the plastic width -**lock** type single -layer sealed packing case comprises a casin, quick -operation joint can dismantle the connection and be in the one side that holds the chamber, the water pump, the water pump sets up the one side that holds the chamber, steam generator, steam generator sets up hold on the diapire in chamber or embed in the box, and the water pipe, through the water pipe handle a water pump,

19/118 © EPODOC / EPO

PN - [CN206501841U](#) U 20170919
 PR - CN20172231191U 20170302
 AP - CN20172231191U 20170302
 DT - I
 PA - XIANG XINGHUA
 TI - Brake in car moment in imminent danger
 AB - Brake in car moment in imminent danger is become by the angle iron frame of " T " font, two short steel pipe (1), wire spring and steel circular cone (2), fixed pulley (3), thin flexible wire rope (5), small steel tube (4), little disc, dark **lock** set. The position at the about 20cm in the back of two rear wheels is installed to two short steel pipes, and reinforce (7) with the angle steel, the installation can be matchd in the steel pipe wire spring and steel circular cone, it is firm on the button head of steel circular cone with a thin flexible wire rope butt welding, thin flexible wire rope's the other end along the interior department (6) that merges of small steel tube, follow small steel tube (8) again and draw epaxial to the little disc of driver's cabin operation panel, the girth of the axle of little disc is greater than the distance that the steel circular cone landed approximately, be equipped with the built -in **lock** on the little disc, the built -in **lock** is equivalent to the switch of brake. This kind of brake is braked through unblanking at once, like the **steamer** casts anchor nail plate on the highway, can drive through the **lock**, the small circle dish rotates the winding of thin steel silk quilt cover epaxial promptly, withdraw short steel pipe to the steel circular cone in.

20/118 © EPODOC / EPO

PN - [US2017260685](#) A1 20170914
 PNFP - US9845568 B2 20171219
 PR - WO2014CN93302 20141208
 AP - US201415028830 20141208
 DT - **
 CT - || STSE (B2)
 [US2655746](#) A 19531020 [
] (MCFARLAND DONALD L, et al);
 [US3002302](#) A 19611003 [
] (FLOWERS THEODORE R);
 [US4496826](#) A 19850129 [
] (OSROW LEONARD [US]);
 [US4571483](#) A 19860218 [
] (FATHI SAUL S [US]);
 [US6986217](#) B2 20060117 [
] (LEUNG ANTHONY KIT LUN [CN],
 et al);
 [US2005125934](#) A1 20050616 [
] (REESE CHAD A [US]);
 [US2007143951](#) A1 20070628 [
] (WU LIAN-BAO [TW])
 CCI - [D06F75/18](#) ; [D06F87/00](#)
 CUI - [D06F75/10](#)
 PA - (A1 B2)
 CONAIR [US]
 TI - (A1)
 PORTABLE HANDHELD **STEAMER**
 APPARTUS
 - (B2)
 Portable handheld **steamer**
 apparatus
 AB - (A1 B2)
 A **steamer** apparatus, includes a
 housing defining a steam outlet,
 a fluid reservoir for storing fluid,
 a steam generator mounted in
 the housing and in fluid
 communication with the fluid
 reservoir for generating steam
 and releasing the steam through
 the steam outlet, a pump for
 pumping the fluid from the fluid
 reservoir to the steam generator,
 a trigger mounted to the housing
 and a trigger **lock** associated
 with the trigger. The trigger is
 adapted to move from an

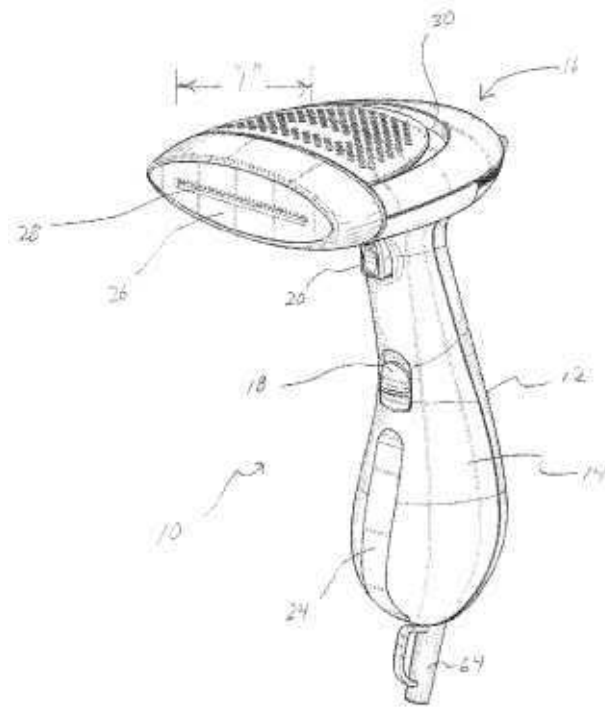


FIG. 1

inoperative condition to an operative condition to activate one of the pump and the steam generator. The trigger **lock** is movable between a release position permitting free movement of the trigger between the inoperative condition and the operative condition and a **lock** position securing the trigger in the operative condition.

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PN - [CN107094106](#) A 20170825
 PR - CN20171284872 20170427
 AP - CN20171284872 20170427
 DT - I
 CNOI - [H04L67/025](#) ; [H04L67/125](#) ; [A47J27/04](#) ; [H04L12/2816](#)
 PA - JIANGSU MSIOO INTELLIGENT TECH CO LTD
 TI - Intelligent electric **steamer** management method based on Internet of things
 AB - The invention discloses an intelligent electric **steamer** management method based on Internet of things. The method comprises the following steps: remotely starting a monitoring program through a management platform; enabling the monitoring program to detect whether the water level in an electric **steamer** meets the safety standards through a water level monitoring sensor; if the water level meets the safety standards, enabling the monitoring program to set the electric **steamer** as an operable state, and if the water level does not meet the safety standards, enabling the monitoring program to **lock** the electric **steamer**; when the electric **steamer** is in the operable state, ensuring that an operation interface of a remote terminal is in an active state and the operation of the electric **steamer** can be set through the operation interface; and during the start of the electric **steamer**, enabling the water level monitoring sensor to automatically power off the electric **steamer** when monitoring that the water level is below the safety standards. According to the intelligent electric **steamer** management method disclosed by the invention, the electric **steamer** can be remotely and comprehensively controlled at any time, and the safety and efficiency can be ensured.

22/118 © EPODOC / EPO

PN - [CN206403380U](#) U 20170815
 PR - CN201621351548U 20161210
 AP - CN201621351548U 20161210
 DT - I
 PA - XIANNING VOCATIONAL TECHNICAL COLLEGE
 TI - International trade bill management box
 AB - The utility model provides an international trade bill management box, include: the plastic width - **lock** type single -layer sealed packing case comprises a casin. Place the

frame, including support column, clamp ticket board, door, the support column set up in in the box, be equipped with the recess on the support column, it goes into to press from both sides the ticket integrated circuit board in the recess, men ke set up with opening and shutting in on the box, place the **steamer** tray, set up in on the box. Bill fold to press from both sides the ticket board on, during worker's chapter is placed and is place the **steamer** tray, with bill and worker's chapter separately make classify orderly, to press from both sides the ticket board when placing the bill and take out from the support column, will press from both sides after bill fold is good on the ticket board places the support column again, both convenient double -layered bill made things convenient for butt clamp ticket board to return wholly again.

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- PN - [CN206344350U](#) U 20170721
- PR - CN201621335316U 20161207
- AP - CN201621335316U 20161207
- DT - I
- PA - HEHIGHER RUBBER & PLASTIC EQUIPMENT MFG CO LTD
- TI - Two die frame catch formula **steamer** hydraulic pressure vulcanizers
- AB - The utility model provides a control the frame and pass through the screw rod connection, control the frame and pass through the screw rod connection, install on the base, the power cylinder is installed under below the bedplate, down the catch card is under in the bedplate draw -in groove, the **steamer** is fixed on the bottom plate down, central mechanism passes through the bolt and the **steamer** is fixed down, last **lock** ring base passes through linear guide and is connected with direction support and left and right sides frame, the moulding oil jar that opens and shuts is fixed on controlling the frame and is connected with last **lock** ring base, the mode locking device is fixed on the vulcanizing chamber, and safety bar installs on the excircle of vulcanizing chamber, segmented mold operating means connects through the screw and the linkage of locking, the advantage does: the utility model discloses the advantage of frame -type hydraulic pressure vulcanizer and catch formula hydraulic pressure vulcanizer has been synthesized to combine the advantage of **steamer** heating, this two die frame catch formula **steamer** hydraulic pressure vulcanizers host computer is steady reliable, and positioning accuracy is high, and energy saving and appearance are pleasing to the eye.

24/118 © EPODOC / EPO

- PN - [CN206319727U](#) U 20170711
- PR - CN201621281565U 20161128
- AP - CN201621281565U 20161128
- DT - I
- PA - SHANGHAI HOM-STEEL IND CO LTD
- TI - Latch mechanism device in toolbox
- AB - The utility model discloses a latch mechanism device in toolbox, including toolbox box, **lock** core and **lock** rotor, the toolbox box is front end open -ended box structure, from last to having set gradually as if the unwatering pumping **steamer** tray down in the front end opening of toolbox box, every set up a drawer hasp on the lateral surface of the backplate of drawer, the **lock** core sets up the front end of the roof of toolbox box,

the vertical spring bolt spout that sets up on the medial surface of the backplate of toolbox box, can set up a latch connection piece in the spring bolt spout with sliding from top to bottom, a plurality of spring bolts have been set gradually under to from last on the latch connection piece, a plurality of spring bolt one -to -one ground with if the drawer hasp looks adaptation on the unwatering pumping **steamer** tray, the **lock** rotor vertically sets up, and the one end of locking the rotor with the **lock** core links to each other, the other end with the top of latch connection piece links to each other. The utility model discloses a latch mechanism device in toolbox adopts the back **lock** type scheme, and its reliability surpasss preceding locking -type greatly.

25/118 © EPODOC / EPO

- PN - [CN206303454U](#) U 20170707
- PR - CN20162525814U 20160602
- AP - CN20162525814U 20160602
- DT - I
- PA - GUANGZHOU CHINESESTYLE FURNITURE CO LTD
- TI - Social estate system filing cabinet for business administration
- AB - The utility model discloses a social estate system filing cabinet for business administration, contain the cabinet body, over -The -Counter chamber and lower cabinet chamber are cut apart into to cabinet integument external diaphragm, the top in cabinet chamber under is established in the over -The -Counter chamber, the over -The -Counter intracavity is by two upper and lower cabinet chambeies of partitions are divided into in first, over -The -Counter chamber opening symmetry is equipped with two first cabinet doors, cabinet chamber opening symmetry is equipped with two second cabinet doors down, be equipped with the trick **lock** on the second cabinet door, down the cabinet intracavity in by the second partitions are divided into take out box cabinet and important file cabinet, take out box cabinet and establish the top at the important file cabinet, establish two safe deposit boxes in the important file cabinet, be equipped with the fingerprint **lock** on the cabinet door of safe deposit box, take out even being equipped with if the unwatering pumping **steamer** tray in box cabinet, the drawer lateral surface is equipped with the first in command and first label presss from both sides, the first in command sets up presss from both sides the top at first label, the box intracavity of drawer in by the third baffle cut apart into a plurality of file chambeies that differ in size, the utility model discloses the structure is clear and definite, and first file divides important grade, and the subdividing can be classified in detail according to the date, according to the kind, and is clear layer upon layer.

26/118 © EPODOC / EPO

- PN - [CN106868841](#) A 20170620
- PR - CN20171179687 20170323
- AP - CN20171179687 20170323
- DT - I
- CNOI - [D06F73/00](#)
- PA - ZHEJIANG SHAOXING SUPOR DOMESTIC ELECTRICAL APPLIANCE CO LTD
- TI - Support folding device and garment **steamer** with the same

AB - The invention provides a support folding device and a garment **steamer** with the same. The support folding device comprises an upper support rod, a lower support rod, a rotation mechanism and a limit mechanism. The rotation mechanism is arranged in the position where the upper support rod and the lower support rod are joined, and the upper support rod and the lower support rod are rotatably connected by the rotation mechanism. The limit mechanism includes a **lock** portion and a limit portion, one of the **lock** portion and the limit portion is arranged on the upper support rod, the other one of the **lock** portion and the limit portion is arranged on the lower support rod, the **lock** portion is connected with the limit portion in a matched mode so that the upper support rod and the lower support rod can be locked and in a butt joint position, and the **lock** portion and the limit portion are disconnected so that the upper support rod can rotate relative to the lower support rod and be in a rotatable position. The support folding device can be in an upright butt joint state and also be in a rotatable and bendable state, which is convenient for a user to carry out ironing, or pack and carry the garment **steamer** according to his or her own needs.

27/118 © EPODOC / EPO

PN - [CN106868840](#) A 20170620

PR - CN20171179679 20170323

AP - CN20171179679 20170323

DT - I

CNOI - [D06F73/00](#)

PA - ZHEJIANG SHAOXING SUPOR DOMESTIC ELECTRICAL APPLIANCE CO LTD

TI - Support folding device and garment **steamer** with the same

AB - The invention provides a support folding device and a garment **steamer** with the same. The support folding device comprises an upper support rod, a lower support rod, a rotation mechanism and a limit mechanism. The bottom end of the upper support rod and the top end of the lower support rod are joined together. The rotation mechanism is arranged in the position where the upper support rod and the lower support rod are joined, and the upper support rod and the lower support rod are rotatably connected by the rotation mechanism. The limit mechanism includes a **lock** portion and a limit portion, one of the **lock** portion and the limit portion is arranged on the upper support rod, the other one of the **lock** portion and the limit portion is arranged on the lower support rod, the **lock** portion is rotatably mounted on the upper support rod or the lower support rod, the **lock** portion is connected with the limit portion in a matched mode so that the upper support rod and the lower support rod can be locked and in a butt joint position, and the **lock** portion and the limit portion are disconnected so that the upper support rod can rotate relative to the lower support rod and be in a rotatable position. The support folding device and the garment **steamer** with the same are easy to fold and incline, which can satisfy the use demand of a customer.

28/118 © EPODOC / EPO

PN - [CN206288179U](#) U 20170630

PR - CN201621371996U 20161214

AP - CN201621371996U 20161214

DT - I

PA - KUNSHAN XINGBAO PLASTIC PRODUCTS CO LTD

TI - One -way belt pulley

AB - The utility model discloses an one -way belt pulley, including apron, foreign **steamer**, pawl plate and interior wheel, the tooth meshing that the wheel outside including pawl plate cover is established, inboard tooth of pawl plate took turns to in with, the outside cover of pawl plate is equipped with foreign **steamer**, inboard tooth and the meshing of tooth outside the pawl plate of foreign **steamer**, through screw fixed connection between foreign **steamer** and the interior wheel, the **lock** joint has the apron on the foreign **steamer**. The utility model discloses simple structure, reasonable in design all adopts the plastic material, and is with low costs, production simple process, the installation is simple, convenient, light in weight, the noise is little during the use.

29/118 © EPODOC / EPO

PN - [CN206284614U](#) U 20170630

PR - CN20162823534U 20160802

AP - CN20162823534U 20160802

DT - I

PA - GUANGZHOU XIANGTE GANGYI OFFICE EQUIPMENT CO LTD

TI - Be fit for depositing categorised cabinet of multiple article

AB - The utility model discloses a be fit for depositing categorised cabinet of multiple article, including the cabinet body, cabinet door, baffle, drawer, data plate, light, pivot **lock** with remove the wheel, two cabinet doors of hinge connection are passed through to one side of the cabinet body, and the handle is connected through the pivot **lock** separately to two cabinet doors, and the avris of pivot **lock** is connected and is equipped with the locking lever, the fixed light that is equipped with in top of the internal wall of cabinet, and the middle part of the cabinet body is connected and is equipped with a plurality of layers of baffle, and the bottom of the cabinet body is equipped with as if the unwatering pumping **steamer** tray side by side, and one side of drawer is equipped with the attacker, and the connection is equipped with the data plate on the one corner of drawer and the baffle. The utility model discloses simple structure, function are clear and definite, and the article of the various differences of classification that can be fine are realized putting in order to marking and distinguishing through the data plate, make user surveyability, can be the fast accurate required article of placing and take have improved quality of the life and work efficiency.

30/118 © EPODOC / EPO

PN - [CN206284821U](#) U 20170630

PR - CN20162922495U 20160823

AP - CN20162922495U 20160823

DT - I

PA - XU YONGJIE

TI - Evaporate bright pot with handle locking function

AB - The utility model provides an evaporate bright pot with handle locking function, food **steamer** and steaming tray including range upon range of setting, be equipped

with the food **steamer** handle on the food **steamer** , the last steaming tray handle that is equipped with of steaming tray, be equipped with elasticity **lock** mechanism on the steaming tray handle, have be equipped with on the food **steamer** handle with the elasticity **lock** matched with of mechanism lockhole. The beneficial effects of the utility model are that: accessible elasticity **lock** mechanism cooperates with the lockhole, is in the same place food **steamer** handle and steaming tray handle **lock**, realizes handle locking function, can avoid food **steamer** or steaming tray rotatory.

31/118 © EPODOC / EPO

PN - [CA2969977](#) A1 20160616

PNFP - CA2969977 C 20180403

PR - WO2014CN93302 20141208

AP - CA20142969977 20141208

DT - I

CCI - [D06F75/18](#) ; [D06F87/00](#)

CUI - [D06F75/10](#)

PA - (A1 C)
CONAIR [US]

TI - (A1 C)
PORTABLE HANDHELD**STEAMER**
APPARATUS

AB - (A1 C)
Steamer apparatus, includes a housing defining a steam outlet (28), a fluid reservoir (24) for storing fluid, a steam generator mounted in the housing and in fluid communication with the fluid reservoir (24) for generating steam and releasing the steam through the steam outlet (28), a pump (38) for pumping the fluid from the fluid reservoir (24) to the steam generator, a trigger mounted to the housing and a trigger **lock** (68) associated with the trigger. The trigger is adapted to move from an inoperative condition to an operative condition to activate one of the pump (38) and the steam generator. The trigger **lock** (68) is movable between a release position permitting free movement of the trigger between the inoperative condition and the operative

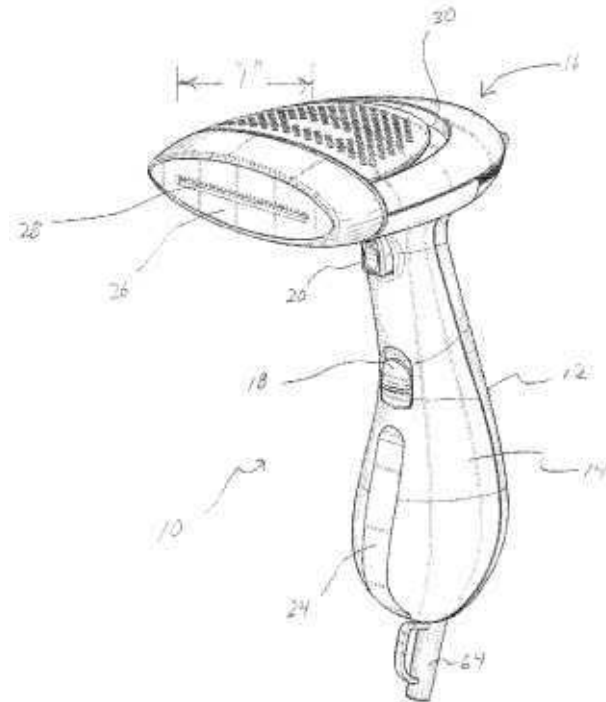


FIG. 1

condition and a **lock** position
securing the trigger in the
operative condition.

32/118 © EPODOC / EPO

PN - [CN106724871](#) A 20170531
PR - CN201611200879 20161222
AP - CN201611200879 20161222
DT - I
CNOI - [A47J36/20](#)
PA - GREE ELECTRIC APPLIANCES INC ZHUHAI
TI - **Steamer** and electric rice cooker
AB - The embodiment of the invention discloses a **steamer** and an electric rice cooker to improve the operational convenience of taking out and putting in food. The **steamer** comprises a base plate, a side plate and a locking mechanism, wherein the side plate comprises at least two side plate segments arranged in an annular mode, each side plate segment is hinged with the base plate, and the locking mechanism is able to **lock** the annular arrangement of at least the two side plate segments. When the food or the tableware which contains the food is taken out or put in, the side plate segments of the **steamer** can be rotated and opened, and therefore the operational convenience of taking out and putting in the food is improved.

33/118 © EPODOC / EPO

PN - [CN106618166](#) A 20170510
PR - CN20161706470 20160823
AP - CN20161706470 20160823
DT - I
CT - || STSE (A)
[EP0722689](#) A1 19960724 [A] (SEB SA [FR])
[A] 1-4
* 全文 *;
[CN2528346Y](#) Y 20030101 [A] (TANG YUQUN [CN])
[A] 1-4
* 全文 *;
[CN203028997U](#) U 20130703 [YX] (LAN LIZHI)
[Y] 2
* 说明书第[0003-0011]段、附图1-3 *
[X] 1、3-4;
[CN203168849U](#) U 20130904 [Y] (LENG XIAOXIAO)
[Y] 2
* 说明书第[0013]段、附图1-4 *;
[CN105167563](#) A 20151223 [A] (ZHEJIANG SUPOR CO LTD)
[A] 1-4
* 全文 *;
[CN206284821U](#) U 20170630 [R] (XU YONGJIE)
[R] 1-4

* 权利要求1-4 *

- PA - XU YONGJIE
- TI - Fresh **steamer** having handle locking function
- AB - The invention provides a fresh **steamer** having a handle locking function. The fresh **steamer** comprises a steaming basket and a steaming tray which are arranged in a superposed mode, wherein steaming basket handles are arranged on the steaming basket; steaming tray handles are arranged on the steaming tray; elastic locking mechanisms are arranged on the steaming tray handles; and **lock** holes, which are matched with the elastic locking mechanisms, are formed in the steaming basket handles. The fresh **steamer** provided by the invention has the beneficial effects that the steaming basket handles and the steaming tray handles are locked together by virtue of the elastic locking mechanisms and the **lock** holes which are matched, so that the handle locking function is achieved, and the steaming basket or the steaming tray is prevented from rotating.

34/118 © EPODOC / EPO

- PN - [CN206196618U](#) U 20170531
- PR - CN201621069806U 20160922
- AP - CN201621069806U 20160922
- DT - I
- PA - CAI HEZHU
- TI - SmartPet house
- AB - The utility model provides a smartPet house which characterized in that comprises cage main part, the automatic board that takes off and land in cage side, the automatic flexible fence in cage rear, motor, frame **lock** cage door, mobile phone remote control frame **lock**, manual **lock**, temperature and humidity control system, automatic feeding system, medical emergency system, automatic clear just deodorization system of excrement -removal, new trend air exchange system, bathing system, warm braw drying system, monitored control system, alarm system, solar energy silicon worn -out fur uninterrupted power source system, cell -phone control terminal. Such pet house has been realized humiture in the mobile phone remote control cage, has been fed automatically, automatic diagnosy disease, automatic clear excrement -removal just, bathe and the clean cage body, intrude owner's security of the lives and property pet when the lawless persons violence and can in time come out of **steamer** for the pet automatically, be the once great progress of pet house.

35/118 © EPODOC / EPO

- PN - [CN206205687U](#) U 20170531
- PR - CN201621230490U 20161116
- AP - CN201621230490U 20161116
- DT - I
- PA - JIANGXI CHAOYANG MACHINERY PLANT
- TI - Nonrust steel glass weathertight door structure
- AB - The utility model provides a nonrust steel glass weathertight door structure, fans and right door leaf open left -hand door on the door frame including using the heavy hinge

of stainless steel to fix, between door frame and left -hand door fan, the right door leaf and the contact surface between left -hand door fan and the right door leaf be " L " type, left -hand door fan upper end is connected on heavy door closer and door frame, the world round pin **lock** on the door frame is fixed through the lockpin with right door leaf to last being equipped with of right door leaf, is equipped with the mail **steamer lock** that links with the right door leaf **lock** on the left -hand door fan, still all be equipped with stainless steel hook and glass on left -hand door fan and the right door leaf, glass bordures the after -fixing on the door leaf through the sealing strip of borduring, the contact surface of left -hand door fan, right door leaf and door frame and left -hand door fan and right door leaf's closed contact surface on all be equipped with the sealing strip. The utility model discloses well door frame is welded by the piece of bending with a left side, right door leaf frame profile and forms, preparation simple process, and the installation is swiftly simple, has adopted heavy hinge, and it is convenient to install, dismantle, and has used toughened glass on the door leaf, and the light transmissivity is good.

36/118 © EPODOC / EPO

- PN - [CN206189157U](#) U 20170524
- PR - CN201621003901U 20160831
- AP - CN201621003901U 20160831
- DT - I
- PA - CUORI ELECTRICAL APPLIANCE GROUP CO LTD
- TI - Garment **steamer**
- AB - The utility model relates to a garment **steamer**, including the garment **steamer** main part, erectting the bracing piece in the garment **steamer** main part, the steam hose who connects the garment **steamer** main part and hanging of connection steam hose and perm, set up clothes ironing portion on the bracing piece, the bracing piece is including tying for first bracing piece and the second bracing piece that sets up, and it has a locking mechanism and the 2nd locking mechanism to **lock** respectively on first bracing piece, the second bracing piece, is connected with the supporting mechanism between a locking mechanism and the 2nd locking mechanism, and the supporting mechanism rotates to be connected a locking mechanism and the 2nd locking mechanism, clothes ironing troops under one's command end support to be connected to the supporting mechanism makes clothes ironing portion slope setting. The utility model discloses a rotatable supporting mechanism supports clothes ironing cloth lower extreme and makes its slope setting to inclination is adjustable, made things convenient for operating personnel to iron the clothing, and simple structure is reasonable.

37/118 © EPODOC / EPO

- PN - [CN206157441U](#) U 20170510
- PR - CN201621187259U 20161028
- AP - CN201621187259U 20161028
- DT - I
- PA - JUNSHI TEXTILES (SUZHOU) CO LTD
- TI - Clear device of considering to be worth doing of dedicated cloth of weaving
- AB - The utility model discloses a clear device of considering to be worth doing of dedicated

cloth of weaving, the on-line screen storage device comprises a base, the input mechanism, winding mechanism, the plastic width **-lock** type single-layer sealed packing case comprises a casin, the brush board, the cylinder, the clear mechanism that considers to be worth doing, the dust cage, the tuber pipe, collection dirt **steamer** tray, pass the brush hair of setting on the brush board in proper order with cloth, the punishment in advance mouth of setting on the box, the cylinder, two symmetrical arrangement's the qing dynasty considers the mechanism to be worth doing, the setting is at the cylinder of box opposite side, the setting is at the punishment in advance mouth and the brush board of setting at the box opposite side of box opposite side, afterwards around on winding mechanism, the hand scroll is carried out with cloth to the winding mechanism continuous operation, the scraper scrapes the sweeps of cloth surface adhesion, partly sweeps is collected and is discharged through the tuber pipe through the dust cage, another part sweeps falls into an album dirt **steamer** tray and collects, the brush hair of setting on the brush board is swept the remaining sweeps of cloth surface adhesion fall. The device simple structure uses through the cooperation of scraper and brush board, effectively gets rid of the sweeps of cloth surface adhesion, effectively improves cloth surface quality.

38/118 © EPODOC / EPO

- PN - [CN206151487U](#) U 20170510
- PR - CN20162822595U 20160801
- AP - CN20162822595U 20160801
- DT - I
- PA - CANGZHOU CENTRAL HOSPITAL
- TI - Case is deposited to many **steamer** trays cellular -type pathology sample
- AB - The utility model provides a case is deposited to many **steamer** trays cellular -type pathology sample, belongs to medical apparatus technical field, aims at that the storage device utensil structural design who solves present pathology sample is not suitable for clinical practical application, exists mutual contamination's problem between the sample. The case box is deposited for cuboid form cupboard formula to the case box of depositing that its adopted, and two that deposit the case box are constructed for twin - **lock** fixed knot open chamber door, promptly wherein together through about interior knob -operated control bolt, another says to the **lock** that injects the locking about the control, the incasement chamber of depositing the case box is separated to make by the division board has 8~16 square branch mailboxes, links the drawer at 8~16 square branch mailbox traditional chinese clothings, in every drawer 8~16 square branch mailbox traditional chinese clothings even the drawer again company of dress have and be 4~6 sectionalized dust panels of big, little not co - content square with the inner chamber of drawer partition. Its simple structure is practical, and the pathology sample of depositing is firm, the inspection of pathology sample request slip, checks labour saving and time saving, is applicable to depositing of unit pathology samples such as hospital, medical research.

39/118 © EPODOC / EPO

- PN - [CN206149461U](#) U 20170503
- PR - CN201621147084U 20161021

AP - CN201621147084U 20161021
DT - I
PA - CHENHANPENG
TI - Earphone and earphone cover that matches with this earphone
AB - The utility model discloses an earphone and earphone cover that matches with this earphone, this earphone include the earphone shell and accomodate the speaker in the earphone shell, and the front end open end of earphone shell is connected with the leading note structure, and the connecting portion of leading note structure and earphone shell are the cake form, and the sound guide tube that the connecting portion lateral surface was connected with a slope is described to the cake, is provided with a bellied fixture block on this sound guide tube's lateral wall. The utility model discloses an earphone and earphone cover, through be provided with an obliquely sound guide tube on the earphone, the last fixture block that is provided with of sound guide tube, sound guide tube are connected in the earphone cover to through the fixture block **lock** joint. The utility model discloses earphone cover adopts the human engineering design, with the earphone cover be provided with one take in in earphone helix **lock** position, and with human ear helix **lock** foreign **steamer** guo arc portion of inlaying like mutually, through the arc portion of inlaying, the earphone cover can easily be fixed in the earphone. The utility model discloses can not bring painful sense for the ear, the earphone can be fixed to the earphone cover, and the sound guide tube leading note is respond well.

40/118 © EPODOC / EPO

PN - [CN206130038U](#) U 20170426
PR - CN20162772957U 20160718
AP - CN20162772957U 20160718
DT - I
PA - ZHEJIANG QIBO MACHINERY CO LTD
TI - Novel power assisted steering pump belt pulley
AB - The utility model relates to a belt pulley technical field specifically is a novel power assisted steering pump belt pulley, including the belt pulley body, the belt pulley body include interconnect's interior axle and foreign **steamer**, foreign **steamer** cover in, the epaxial spacing groove that is used for fixing a position the foreign **steamer** that is equipped with epaxial including establishing, interior axle and foreign **steamer** welding, the foreign **steamer** include interconnect's **lock** ring and stress portion, it has ring tooth to organize to be equipped with the equipartition on the **lock** ring. The utility model discloses simple structure, the practicality is strong.

41/118 © EPODOC / EPO

PN - [CN206119654U](#) U 20170426
PR - CN20162687376U 20160701
AP - CN20162687376U 20160701
DT - I
PA - NANCHANG INST SCIENCE & TECH
TI - Accounting bill storage device

AB - The utility model relates to an accounting bill storage device, including the cabinet body, drawer, controlling means, bill arrangement swash plate, if the cabinet body is equipped with the unwatering pumping **steamer** tray, and the electromagnetic **lock** is installed to the drawer, and cabinet face one side of the cabinet body is equipped with controlling means, and the rear side of cabinet face sets up the bill and arranges the swash plate in order, begin to have music broadcast hole on controlling means's the lateral wall, controlling means includes microprocessor, touch display screen, audio player, memory, alarm, fingerprint identification ware, counter, and microprocessor connects touch display screen, audio player, memory, alarm, fingerprint identification ware, counter, and microprocessor connects the electromagnetic **lock** of drawer. The utility model discloses a bill intellectuality is received, convenient arrangement with store up the bill, can prevent that the bill from being usurped to falsely use.

42/118 © EPODOC / EPO

PN - [CN206035957U](#) U 20170322
 PR - CN201621103856U 20160930
 AP - CN201621103856U 20160930
 DT - I
 PA - GUANGDONG MIDEA ENVIRONMENT APPLIANCES MFG CO LTD; MIDEA GROUP CO LTD
 TI - Retractable **lock** ends that spiral **-lock** is put and garment **steamer**
 AB - The utility model relates to a garment **steamer** technical field discloses a retractable **lock** ends that spiral **-lock** is put and garment **steamer**. Retractable **lock** ends the spiral **-lock** and puts including pedestal (1), operation drive structure and locking knot (2), wherein, the locking is detained (2) slidable ground and is set up on the pedestal, the setting of operation drive structure is in on the pedestal and with transmission connection between (2) is detained to the locking, in order to order about it is flexible that (2) are detained to the locking, makes the locking is detained (2) and can be switched between the deblocking location with retracting stretching out **lock** -in positions to can make things convenient for, swiftly realize locking and unblock between two parts (for example the garment **steamer** main casing body and base), and simple structure, convenient and practical.

43/118 © EPODOC / EPO

PN - [CN205963772U](#) U 20170222
 PR - CN20162495923U 20160529
 AP - CN20162495923U 20160529
 DT - I
 PA - UNIVNANCHANG
 TI - Multi -functional electric **steamer**
 AB - The utility model provides its structure of multi -functional electric **steamer** includes: the door body, the cabinet body, display screen, **lock**, upper and lower hinge, water box, evaporate basket, sealing strip, evaporate the chamber, heating plate, inlet tube, water valve, fan, light, main control board, rack, air exit, heating tube, out -of -the -way heating pipe, circulating fan. The utility model discloses a carry out the stack of function on the basis of existing embedded steam ager on the market, realize a tractor

serves several purposes. Because the steam ager heats the steam raising through water as the medium and heats food, and the also disinfection of more especially adapted light textile things and daily necessities of this principle, for example feeding bottle and towel, people just often use hot water immersion and disinfect, but in fact many times because water can't keep 100 DEG C when soaking article in the assurance, and the time is once water of a specified duration cold always, the disinfection function great discount that leads to like this. And intelligent control's temperature can both be guaranteed with the time, made the disinfection more convenient, and it is more convenient to live.

44/118 © EPODOC / EPO

- PN - [CN205900310U](#) U 20170118
- PR - CN20162890456U 20160817
- AP - CN20162890456U 20160817
- DT - I
- PA - WUJIANG TRANSF CO LTD
- TI - Long circle coil wire winding swage
- AB - The utility model relates to a long circle coil wire winding swage. A long circle coil wire winding swage, it includes the outline board, is located the curb plate at outline board both ends and fixes the the annular clamped cardboard on the curb plate, square calorie of hole has been seted up on the curb plate, the long circle structure that the wire winding swage was formed by upper mold section and female die **lock** together, the inside of upper mold section and female die is equipped with the strengthening rib respectively, the side of upper mold section is by being equipped with the platform on the foreign **steamer** guo board of last position, be equipped with the baffle on the platform, it is little that upper mold section and female die all are the big one end of one end, the one end that the upper mold section is big is in the same place with the one end **lock** that the female die is little, the one end that the upper mold section is little is in the same place with the one end **lock** that the female die is big. The utility model discloses a long circle coil wire winding swage, mould strength is high, and the cost of manufacture is low, can bear the coil plastic and exert pressure indeformably, durable for a long time, designs to one end two little half modules greatly directly, makes things convenient for the drawing of patterns.

45/118 © EPODOC / EPO

- PN - [CN205896099U](#) U 20170118
- PR - CN20162769195U 20160718
- AP - CN20162769195U 20160718
- DT - I
- PA - ZHEJIANG QIBO MACHINERY CO LTD
- TI - Novel power assisted steering pump belt pulley
- AB - The utility model relates to a belt pulley technical field specifically is novel power assisted steering pump belt pulley, including the belt pulley body, the belt pulley body include interconnect's interior axle and foreign **steamer**, the foreign **steamer** cover epaxial including establishing, the junction of interior axle and foreign **steamer** is equipped with annular transition curved face, the foreign **steamer** include

interconnect's **lock** ring and stress portion, it has ring tooth to organize to be equipped with the equipartition on the **lock** ring, the utility model discloses simple structure, the practicality is strong.

46/118 © EPODOC / EPO

- PN - [CN205896096U](#) U 20170118
- PR - CN20162762930U 20160718
- AP - CN20162762930U 20160718
- DT - I
- PA - ZHEJIANG QIBO MACHINERY CO LTD
- TI - Power assisted steering pump belt pulley
- AB - The utility model relates to a belt pulley technical field specifically is power assisted steering pump belt pulley, including the belt pulley body, the belt pulley body include interconnect's interior axle and foreign **steamer**, foreign **steamer** cover in, the epaxial retaining ring that is used for fixing a position the foreign **steamer** that is equipped with epaxial including establishing, the welding of retaining ring and foreign **steamer**, the epaxial spacing groove that is equipped with in, the foreign **steamer** include interconnect's **lock** ring and stress portion, it has ring tooth to organize to be equipped with the equipartition on the **lock** ring. The utility model discloses simple structure, the practicality is strong.

47/118 © EPODOC / EPO

- PN - [CN205857948U](#) U 20170104
- PR - CN20162670223U 20160629
- AP - CN20162670223U 20160629
- DT - I
- PA - SINOX CO LTD
- TI - Tool to **lock** with password number of seeking function
- AB - The utility model provides a tool to **lock** with password number of seeking function, including a **lock** shell, be equipped with a knob and a snap close piece, a key core sets up on this **lock** shell, a trick **lock** mechanism sets up on this **lock** shell for **lock** this snap close piece, this trick **lock** mechanism including a locking lever, set up in an elastic component of this locking lever one end and the plural password wheel on wearing to locate this locking lever, this password wheel comprises a foreign **steamer** and an inner skleeve, the inner skleeve outside be equipped with the number of a seeking hole on the surface, the qieyu should be locked and be equipped with the number of a seeking plectrum on the shell, should the number of seeking plectrum have and be located the outer driving lever of this **lock** shell and stretch into this **lock** shell just corresponding to the plural elasticity pawl in this number of seeking hole, when desiring the number of seeking, make this elasticity pawl lean on to support on the superficial position in this inner skleeve outside as long as should the number of seeking plectrum dial to move on to, dialled when going to correct password position to when this password wheel, it is should the number of seeking downthehole that this elasticity pawl will correspond the embedding, reach the mesh of searching the password.

48/118 © EPODOC / EPO

- PN - [CN205838602U](#) U 20161228
- PR - CN20162530034U 20160603
- AP - CN20162530034U 20160603
- DT - I
- PA - TIANJIN YUNUO TECH DEV CO LTD
- TI - Electric steaming heats up in a **steamer** hydrophone
- AB - The utility model discloses an electric steaming heats up in a **steamer** hydrophone, its structure includes: switch, control system, water inlet, bottle, delivery port, fluviograph, he gai, hood, closed **lock**, conveyer pipe, beaker, support, gas vent, condenser, heater, back flow, the bottle side is equipped with the switch, switch side is equipped with control system, the switch passes through bottle and control system fixed connection, the last fluviograph that is equipped with of control system, control system passes through bottle and fluviograph fixed connection, the bottle side is equipped with the delivery port, bottle and delivery port fixed connection, be equipped with on the bottle and close the lid, it is equipped with closed **lock** to close the lid side, close the lid through closed **lock** and bottle fixed connection, it is equipped with the hood to close to cover, close lid and hood fixed connection, the hood side is equipped with the water inlet, the hood side is equipped with the conveyer pipe. The utility model discloses the power consumption is low, distill efficiently, and the security is high, and is cheap moreover, has brought very big convenience for the user.

49/118 © EPODOC / EPO

- PN - [CN205837144U](#) U 20161228
- PR - CN20162656494U 20160629
- AP - CN20162656494U 20160629
- DT - I
- PA - UNIV XIHUA
- TI - Water entertainment bicycle
- AB - The utility model discloses a water entertainment bicycle belongs to the application of bicycle, its characterized in that: this amusement bicycle is mainly by the automobile body, transmission system, propulsion system and front wheel are constituted, the automobile body is by the frame, and a support, the handlebar, seat and kickboard are constituted, transmission system comprises chain drive, propulsion system comprises the paddle, adopt movable paddle in the paddle, and the paddle is by the billet, the blade, interior wheel, the foreign **steamer**, the tire, self **-lock** device and gear, end frame and kickboard all adopt the triangle -shaped structure, the resistance has been reduced, and can be through controlling opening and being closed of two mutually independent paddle blades, control the bicycle in advancing orientation, moreover, the steam generator is simple in structure, the utility model discloses a lead wire device. The lead wire device comprises a drying machine (1), an oven (7) and a pedal (2) arranged between the drying machine (1) and the oven (7), first guide wheels (3) are respectively arranged on the top and the bottom of the right side of the drying machine (1), the left and the right of the inner part of the pedal (2) are communicated, second guide wheels (4) are respectively arranged on two sides of the pedal, third guide wheels

(5) are arranged on the left side of the oven (7), the number of the first guide wheels (3) at the bottom of the drying machine (1) is equal to that of the second guide wheels (4) on the left side of the pedal, and the number of the second guide wheels (4) on the right side of the pedal is equal to that of the third guide wheels. The beneficial effects of the lead wire device are that: lead wire distance of varnished wires is decreased, production efficiency of the varnished wires is improved, space is left for operation of a worker, and the lead wire device is simple in structure and easy to manufacture, it is more laborsaving during the use, can be used in small -size water entertainment place.

50/118 © EPODOC / EPO

PN - [CN205809043U](#) U 20161214
 PR - CN20162485095U 20160525
 AP - CN20162485095U 20160525
 DT - I
 PA - ZHAOFUYUAN
 TI - Portable pesticide residue detector
 AB - The utility model discloses a portable pesticide residue detector, it includes shell, silica gel protective sleeve, squeeze bottle, liquid storage pot, imbibition machine, drain lid, test paper box, installation cavity, paper **steamer** tray, according to **lock**, hanging spring -balance. The beneficial effects of the utility model are that: will the utility model discloses built -in some eluates spout on vegetables, fruit or other article of waiting to detect, then detect with pesticide residue test paper, can reach whether have pesticide residue on this tester, the utility model discloses simple structure is convenient for make, and is conveniently carried, and convenient to use makes the price and detects the low price, is applicable to daily use. The utility model discloses can realize carrying out the anytime and anywhere detection to the pesticide residue of medicine, food, daily life articles for use, give the consumers in general and the common people pesticide residue's the method of inspection, standard. Consequently, the up to standard and improvement whole people quality of life formation reversed transmission of the pressure for easing monetary condition to the safety of medicine, food, daily life articles for use.

51/118 © EPODOC / EPO

PN - [CN106136867](#) A 20161123
 PR - CN20151141949 20150330
 AP - CN20151141949 20150330
 DT - I
 CT - || STSE (A)
[DE2754075](#) A1 19790607 [A] (DUERNER HERBERT DIPL ING)
 [A] 1-4
 * 全文 *;
[CN2255803Y](#) Y 19970611 [Y] (LIU PINGLI [CN])
 [Y] 1-4
 * 说明书第1页、附图1-3 *;
[CN2441413Y](#) Y 20010808 [Y] (LIU WEI [CN])
 [Y] 1-4

* 说明书第1页、附图1 *;
[CN2523328Y](#) Y 20021204 [A] (CHENG LILI [CN])
 [A] 1-4
 * 全文 *

PA - WANG XIAOHUI
 TI - Pressure cooker chuck and type-A steaming cover
 AB - The invention discloses a pressure cooker chuck and a type-A steaming cover, and belongs to kitchen ware products. The pressure cooker chuck and the type-A steaming cover can be widely matched with series of products of common pressure cookers and electric pressure cookers for steaming, processing and manufacturing food. According to existing application of series products such as pressure cookers including electric pressure cookers, the function of food steaming is not effectively developed. The space structures of the pressure cooker chuck and the type-A steaming cover are added on an (electric) pressure cooker body, and therefore the pressure cooker chuck and the type-A steaming cover is expanded to the field. The meshing connection function of the pressure cooker is sufficiently applied, and the meshing structure of the connection portion of the pressure cooker chuck and the type-A steaming cover (called **steamer** for short) is the same as the meshing connection structure of a pressure cooker. The lower portion of the **steamer** is in meshed connection with the upper portion of the chuck. The lower portion of the chuck is in meshed connection with the upper portion of the (electric) pressure cooker body. The **steamer** is of a cylindrical structure and can contain a steaming drawer for steaming food. A clamping **lock** and a handle are arranged on the exterior of the chuck and the **steamer**.

52/118 © EPODOC / EPO

PN - [CN205440737U](#) U 20160810
 PR - KR20130052582 20130509; WO2014KR03200 20140414
 AP - CN2014900876U 20140414
 DT - I
 CCI - [B62M1/38](#) ; [B60B27/0026](#) ; [B60B27/02](#) ; [F16D41/064](#) ; [F16D41/28](#)
 CCA - [B60B2900/133](#) ; [B60Y2200/81](#) ; [B60Y2200/83](#) ; [F16D2041/0646](#)
 PA - ED CO LTD
 TI - Infant that clutch reached including it for bicycle uses bicycle
 AB - The utility model relates to an infant that clutch reached including it for bicycle uses bicycle, the utility model discloses a clutch for the bicycle of embodiment includes: foreign **steamer**, utensil tangible become to have at least one uneven surface 's interior all portion, and an above -mentioned uneven surface is used for defining virtual bottom and virtual top, interior wheel to at least, the interior mode of week portion is rotated in a part of the aforesaid that is absorbed in above -mentioned foreign **steamer**, and above -mentioned interior wheel utensil tangible one -tenth has at least one the 2nd uneven surface 's peripheral part, and the 2nd above -mentioned uneven surface has block portion and follows the sliding surfaces that above -mentioned block portion extends, and freely block and end the **lock**, the regulation diameter has to through sliding or rotatory the removal, the aforesaid is freely blocked the removal of only locking in above -mentioned block portion and is received the restriction between the above -mentioned sliding surfaces that can take turns in the aforesaid and the uneven

surface of above -mentioned foreign **steamer** .

53/118 © EPODOC / EPO

PN - [CN205624238U](#) U 20161012
PR - CN20162182214U 20160310
AP - CN20162182214U 20160310
DT - I
PA - ZHANG QIHUA
TI - Fragrant machine is carried to intelligence microwave tealeaves
AB - The utility model discloses a fragrant machine is carried to intelligence microwave tealeaves, including shell, machinery room door and intelligent control panel, the inside of shell is provided with the interior storehouse of organism, the microwave stirring is dispersed and is provided with the wave guide between ware and the microwave -generating device, the right side top in storehouse is provided with moisture meter in the organism, and the left -handed watch wall in storehouse is provided with the temperature -sensing ware in the organism, the inside of main support is provided with can dismantle the **steamer** tray dish, the machinery room gate open is crossed hinged joint and is installed the preceding table wall at the shell, time controller's below is provided with intelligent central processing unit, intelligence central processing unit's below is provided with emergent electronic box, the intelligent control panel mounting is on the preceding table wall of shell, the below of shell is provided with universal auto -**lock** wheel. Compared with the prior art, this practical beneficial effect is: this novel fragrant machine is carried to intelligence microwave tealeaves adopts microwave heating, and the heating is fast is fast evenly pollution - free, adds man -hour fragrance and does not leak, and is energy -concerning and environment -protective and practical.

54/118 © EPODOC / EPO

PN - [CN205590653U](#) U 20160921
PR - CN20162398851U 20160505
AP - CN20162398851U 20160505
DT - I
PA - ZUNYI YONGSHENG METAL EQUIPMENT CO LTD
TI - White spirit wine rice **steamer** distillation plant
AB - The patent discloses a white spirit wine rice **steamer** distillation plant in the white spirit production facility field, at the bottom of the rice **steamer** of making including the stainless steel body, the rice **steamer** and zeng gai, include at the bottom of the rice **steamer** at the bottom of screen -net -shaped's the left rice **steamer** and at the bottom of the right rice **steamer** , rice **steamer** body border downwardly extending down forms round knot edge, the guide pulley stretches out to be detained along the below, it is provided with the locking device who is used for fixing with the rice **steamer** body to detain at the bottom of the rice **steamer** on following, locking device is including running through the pinhole of detaining the edge, a pinhole inner wall seamless connection pipe, a sliding fit backing pin in the pipe, it drives the gliding control rod of backing pin to detain to follow to be provided with, be provided with a layer sealing washer between backing pin and the pipe, rice **steamer** lid **lock** is in rice **steamer** body

top, and zeng gai's inner wall is provided with at least round and drips the wine ring, this scheme is used in white spirit distillation link, and its advantage is that sealing performance is good for white wine matter is higher.

55/118 © EPODOC / EPO

PN - [CN205568659U](#) U 20160914
 PR - CN201521017021U 20151209
 AP - CN201521017021U 20151209
 DT - I
 PA - ZHEJIANG HOTSUN ALUMINIUM IND CO LTD
 TI - Minute -pressure multilayer **steamer**
 AB - The utility model relates to a culinary art kitchen utensils and appliances, in particular to minute -pressure multilayer **steamer**. The utility model discloses a realize through following technical scheme: a minute -pressure multilayer **steamer**, includes be heated pot and **steamer**, the **steamer** is banked up directly over the pot that is heated, wherein: it sets up the at least two -layer thermosphere that receives to be heated bottom of a boiler portion, comprises aluminum sheet and iron sheet, and the aluminum sheet setting just is provided with a plurality of thru holes the most surperficial, the **steamer** is the clear glass material, and the bottom is provided with a plurality of vapour hand -holes, and the vapour hand -hole coats and is stamped the ear lid that equate quantity with the vapour hand -hole, and ear lid protrusion **steamer** bottom just sets up the gas pocket, and a gas pocket positive inverted staggered type sets up, the **steamer** top still is provided with the **steamer** pot cover, **steamer** pot cover top is provided with the minute -pressure air **lock**, the minute -pressure air **lock** is cylindrical, and the top has the cap shell, and cap shell lower part is buckleing the circle, goes up knot circle lower part and is gas -permeable section, setting up ventilative stopper on gas -permeable section's the outer wall.

56/118 © EPODOC / EPO

PN - [CN205574667U](#) U 20160914
 PR - CN20162331099U 20160411
 AP - CN20162331099U 20160411
 DT - I
 PA - HANGZHOU JINPEE FOODS LTD LIABILITY COMPANY
 TI - Tealeaves packing carton that can controlled temperature
 AB - The utility model provides a tealeaves packing carton that can controlled temperature, includes a box body and box cover, the lid **lock** is in on the box body, the box body bottom is equipped with the landing leg, be equipped with a plurality of baffles in the box body, be equipped with a plurality of spouts on each baffle respectively, it is equipped with a plurality of push -and -pull **steamer** trays to slide in the spout, each push -and -pull **steamer** tray includes a plurality of districts that hold, it is equipped with the commentaries on classics board respectively to hold the district bottom, it is in to change the articulated setting of board one end the district bottom holds, the box body includes inlayer and skin, be equipped with temperature monitoring means between the inside and outside layer of box body, temperature monitoring means includes temperature sensor, cooling device and controlling means, temperature

sensor, cooling device are connected with the controlling means electricity, the utility model discloses can monitor the real -time temperature in the tealeaves storage environment, adjust temperature in the tealeaves packing carton according to ambient temperature, provide the best storage environment for tealeaves.

57/118 © EPODOC / EPO

- PN - [CN205493518U](#) U 20160824
- PR - CN20162111066U 20160203
- AP - CN20162111066U 20160203
- DT - I
- PA - GUANGZHOU DUGAO PREC MECH AND ELECTRICAL CO LTD
- TI - Thick bamboo tube rice **steamer** steamed rice system and thick bamboo tube rice **steamer**
- AB - The utility model discloses a thick bamboo tube rice **steamer** steamed rice system and thick bamboo tube rice **steamer**, include: steam generator, through main steam pipe and steam regularly the disk seat is connected, steam regularly is equipped with at least one steam output interface on the disk seat, the steam output interface is given vent to anger through branch's steam pipe and steam and is connected, steam is given vent to anger and is equipped with thick bamboo tube rice **steamer** interface seat on the seat, is equipped with the thick bamboo tube rice **steamer** on the thick bamboo tube rice **steamer** interface seat, the thick bamboo tube rice **steamer** is equipped with the thick bamboo tube of spiral -**lock** lid for upper portion, the thick bamboo tube bottom for set up with the steamed rice interface of a plurality of through -holes of the inside intercommunication of thick bamboo tube, the thick bamboo tube rice **steamer** is established on the thick bamboo tube rice **steamer** interface seat of seat is given vent to anger to steam through the steamed rice interface. The utility model discloses a steamed rice system, preparation thick bamboo tube rice **steamer** is efficient, and the energy consumption is low, and control is nimble, convenient, specially adapted modernization chinese fast food to the industrialization mode provides high -quality good to eat thick bamboo tube rice **steamer** meal for a person sponging on an aristocrat.

58/118 © EPODOC / EPO

- PN - [CN205452695U](#) U 20160810
- PR - CN20162181044U 20160309
- AP - CN20162181044U 20160309
- DT - I
- PA - FOSHAN SHUNDE MIDEA ELECTRICAL HEATING APPLIANCES MFG CO LTD; MIDEA GROUP CO LTD
- TI - Auto -**lock** terminal and electrical apparatus plug -in components
- AB - The utility model relates to an electricity adapting unit field especially relates to an auto -**lock** terminal, the cable connecting portion that include the terminal plug connector of being connected with the inserted sheet cartridge and be used for being connected with the cable, terminal plug connector include a slot, and the slot bottom is provided with the terminal back -off structure that prevents the inserted sheet pine and take off. Still relate to electrical apparatus plug -in components, include the inserted

sheet that is used for carrying on electrical connection with the auto **-lock** terminal, be equipped with the draw -in groove that cooperates and be connected with the terminal back -off on the inserted sheet to reach the spacing step that the restriction inserted sheet inserted terminal plug connector length. The utility model discloses a draw -in groove and the mutual block of terminal back -off to guarantee the inserted sheet and can not follow terminal plug connector nei songtuo. The utility model discloses to the institutional advancement of carrying on of the auto **-lock** terminal in the current trade, shortened the distance between terminal back -off and the terminal socket, the upper and lower both sides that make the terminal socket are at the coplanar, the assembly of various structure inserted sheets can be be applicable to, household electrical appliances categories such as electric pressure cooker, garment **steamer**, electric rice cooker be applied to.

59/118 © EPODOC / EPO

PN - [CN205436008U](#) U 20160810
 PR - CN20162119467U 20160205
 AP - CN20162119467U 20160205
 DT - I
 PA - YANG WENJU
 TI - Multi -functional electrostatic precipitation case
 AB - The utility model relates to a multi -functional electrostatic precipitation case, its incasement are equipped with static dust -collection polar plate and lotus corona polar plate alternately, and the tank wall of dust collection box is equipped with intercommunication case chamber and external logical groove, leads to the inslot and is equipped with the drawer, places the active carbon that is used for adsorbing formaldehyde in the drawer, the inner frame of drawer is the graticule mesh to make the **steamer** tray chamber of this drawer and the case chamber of dust collection box communicate with each other, the outer wall of drawer is equipped with the round pin and buckles, and the outer wall of dust collection box is equipped with the bolt correspondingly, inserts or extracts the round pin with the bolt and buckle, can **lock** the drawer in dust collection box or unblock drawer. The utility model discloses in the particulate matter through among the static dust -collection polar plate adsorption?of? air, absorb the formaldehyde in the air through the active carbon, be favorable to further improvement air quality.

60/118 © EPODOC / EPO

PN - [CN205399023U](#) U 20160727
 PR - CN2016282992U 20160127
 AP - CN2016282992U 20160127
 DT - I
 PA - HANGZHOU YONGYAO TECH CO LTD
 TI - Two poles clothes hanger for garment **steamer**
 AB - The utility model discloses a two poles clothes hanger for garment **steamer**, including the D font clothes hanger body, the shower nozzle stores pylon, the couple, the rotating head, trousers frame and connection branch, clothes hanger personally experiences sth. Part of the body to be connected by shell and clothes hanger backshell **lock** before

the clothes hanger of front and back symmetry and constitutes, the upper end central part of the clothes hanger body is equipped with articulated seat, but the articulated rotating head that has the horizontal direction rotation in the upper end of articulated seat, articulated on the rotating head have can the rotatory shower nozzle stores pylon of vertical direction, the couple joint is on the lateral wall of articulated seat, the lower extreme central part of the clothes hanger body is articulated to have can the rotatory trousers frame of vertical direction, the lower extreme left and right sides of the clothes hanger body is equipped with the branch of being connected that two telescopic bracket with garment **steamer** match and adorn. Hang the clothing and hang the novel clothes hanger who rationally integrates the matched stack and become novel structure with trousers to, through adding clothing couple and rotatable shower nozzle stores pylon, not only widen the clothing articles and hung the scope of ironing, moreover, conveniently get the open flow head, make and iron operation smoothness light more, have good nimble application.

61/118 © EPODOC / EPO

PN - [CN205297075U](#) U 20160608

PR - CN201521003675U 20151202

AP - CN201521003675U 20151202

DT - I

PA - CIXI XURI WIRE LOCKS CO LTD

TI - Bicycle cipherd **lock**

AB - The utility model discloses a bicycle cipherd **lock**, it relates to tool to **lock** technical field. It includes that chain, connector, button, **lock** tube, reset spring, interior wheel, go-between, snap ring, the lantern ring, password set up switch, locking lever, digital foreign **steamer**, the one end of chain is passed through the connector and is connected the **lock** tube, and the other end passes through the connector and connects the locking lever, is provided with the button on the connector, and the **lock** tube is pressed close to the position of connector and is installed reset spring, takes turns in having cup jointed 4 in proper order on the **lock** tube, connects through the go-between between the interior wheel, and the interior outside of taking turns is fixed through the snap ring, and the surface of interior wheel is provided with digital foreign **steamer**, and the other end of **lock** tube is connected through the lantern ring and is provided with the password and sets up the switch, furthermore, be equipped with indicating line on the connector. The utility model discloses beneficial effect does: it is easy and simple to handle, and the security is high, saves time.

62/118 © EPODOC / EPO

PN - [WO2016090538](#) A1 20160616
 PR - WO2014CN93302 20141208
 AP - WO2014CN93302 20141208
 DT - *; Rep
 CT - |CN| ISR (A1)
 [US2006018638](#) A1 20060126
 [XY] (LEUNG ANTHONY K L [HK])
 [X] 1, 6-11
 * paragraphs [0020]-[0040];
 figures 1, 3-4 paragraphs [0020]
 -[0040]; figures 1, 3-4 *
 [Y] 2-5;
 [CN101929671](#) A 20101229
 [Y] (EURO PRO OPERATING LLC)
 [Y] 2-3
 * claims 1, 2, 18 *;
 [CN202989633U](#) U 20130612
 [Y] (ZHEJIANG HUAGUANG
 ELECTRIC APPLIANCE GROUP CO
 LTD)
 [Y] 4-5
 * paragraph 7; figure 1 *;
 [CN202500038U](#) U 20121024
 [A] (PANASONIC WANBAO
 APPLIANCES ELECTRIC IRON
 GUANGZHOU CO LTD)
 [A] 1-11
 * the whole document *;
 [CN202744852U](#) U 20130220
 [A] (KONINKL PHILIPS
 ELECTRONICS NV)
 [A] 1-11
 * the whole document *;
 [CN201842992U](#) U 20110525
 [A] (YOULUO PULUO OPERATION
 CO LTD)
 [A] 1-11
 * the whole document *
 CCI - [D06F75/18](#) ; [D06F87/00](#)
 CUI - [D06F75/10](#)
 PA - CONAIR [US]; KAM FAI FUNG [CN]
 TI - PORTABLE HANDHELD **STEAMER**
 APPARATUS
 AB - **Steamer** apparatus, includes a
 housing defining a steam outlet
 (28), a fluid reservoir (24) for
 storing fluid, a steam generator

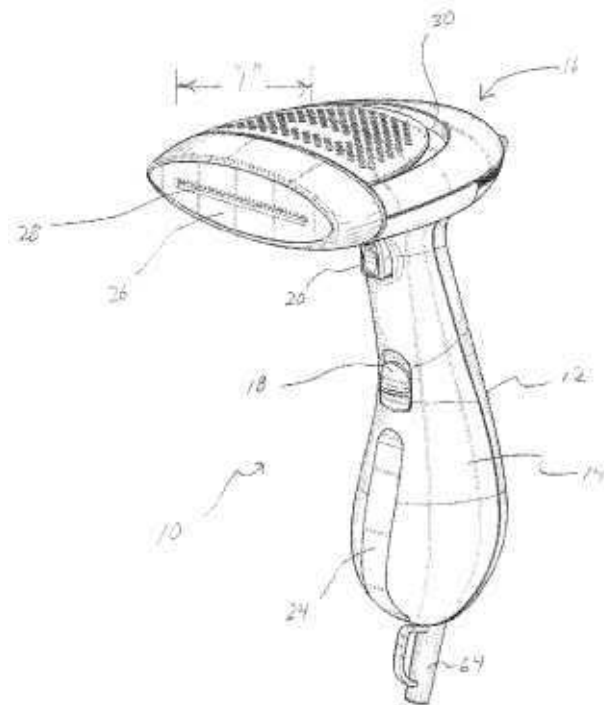


FIG. 1

mounted in the housing and in fluid communication with the fluid reservoir (24) for generating steam and releasing the steam through the steam outlet (28), a pump (38) for pumping the fluid from the fluid reservoir (24) to the steam generator, a trigger mounted to the housing and a trigger **lock** (68) associated with the trigger. The trigger is adapted to move from an inoperative condition to an operative condition to activate one of the pump (38) and the steam generator. The trigger **lock** (68) is movable between a release position permitting free movement of the trigger between the inoperative condition and the operative condition and a **lock** position securing the trigger in the operative condition.

63/118 © EPODOC / EPO

PN - [CN205277164U](#) U 20160601

PR - CN201521077672U 20151221

AP - CN201521077672U 20151221

DT - I

PA - WUXI HAILIAN MARINE ACCOMMODATION CO LTD

TI - Marine aluminium alloy glass door

AB - The utility model discloses a marine aluminium alloy glass door, be applicable to the boats and ships that sightseeing pleasure -boat, mail **steamer** etc. Had relatively high expectations to the outward appearance on, it includes door frame and at least one door leaf, wherein, the door leaf includes the door leaf frame and sets up the double glazing glass board in the door leaf frame, door leaf frame and door frame all adopt aluminium alloy ex -trusions to make, the door leaf frame pass through hinge hinge in on the door frame, be provided with at least twice sealing strip between door frame and the door leaf frame, be provided with the **lock** in the section bar abdominal cavity of door leaf frame. Above -mentioned marine aluminium alloy glass door's door leaf frame and door frame all adopt aluminium alloy ex -trusions to make, and the door leaf main part adopts the double glazing glass board. Not only whole appearance is pleasing to the eye, has good sealing performance moreover, sound insulation, thermal - insulated effectual.

64/118 © EPODOC / EPO

PN - [CN205205524U](#) U 20160504

PR - CN201521040432U 20151215

AP - CN201521040432U 20151215

DT - I

PA - HANGZHOU SINODOD ELECTRIC CO LTD

TI - Locking structure of garment **steamer** bracing piece

AB - (B,) the utility model discloses a locking structure of garment **steamer** bracing piece including the epitheca, is connected with the bracing piece through the pole groove on the epitheca, and the bottom of bracing piece inner wall is connected with the dop, the epitheca below is connected with the drain pan, and the position department that corresponds the pole groove on the drain pan is connected with the hasp, and hasp top portion is connected with the dop top surface. The utility model provides **lock** bottom the bracing piece through setting up dop and hasp, hasp top portion and dop top surface are connected, hasp and bottom shell connected, and the dop is connected with the bracing piece to locked the ascending mounted position of the vertical side of bracing piece, the locking of bracing piece has been realized to the restriction of bracing piece in the pole groove of the epitheca of deuterogamy, through the rotatory buckle of the twist grip on the hasp, make the bottom surface of buckle be connected with the top surface of dop, **lock** the position of bracing piece. The utility model discloses not only can prevent that the bracing piece from rocking, make things convenient for garment **steamer**'s use, still have convenient operation and the effectual advantage of locking. (B,)

65/118 © EPODOC / EPO

PN - [CN205205523U](#) U 20160504

PR - CN201521040173U 20151215

AP - CN201521040173U 20151215

DT - I

PA - HANGZHOU SINODOD ELECTRIC CO LTD

TI - Garment **steamer** who facilitates use

AB - (B,) the utility model discloses a garment **steamer** who facilitates use, it includes the epitheca, the epitheca below is connected with the drain pan, being connected with the shower nozzle through the air duct on the epitheca, still being connected with the bracing piece through the pole groove on the epitheca, the bottom of bracing piece inner wall is connected with the dop, the position department that corresponds the pole groove on the drain pan is connected with the hasp, and hasp top portion is connected with the dop top surface. The utility model provides **lock** bottom the bracing piece through setting up dop and hasp, hasp top portion and dop top surface are connected, hasp and bottom shell connected, and the dop is connected with the bracing piece to locked the ascending mounted position of the vertical side of bracing piece, the locking of bracing piece has been realized to the restriction of bracing piece in the pole groove of the epitheca of deuterogamy, through the rotatory buckle of the twist grip on the hasp, make the bottom surface of buckle be connected with the top surface of dop, **lock** the position of bracing piece. The utility model discloses not only can prevent that the bracing piece from rocking, still have convenient to use, **lock** convenient operation and **lock** effectual advantage. (B,)

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- PN - [CN205193802U](#) U 20160427
- PR - CN201521063148U 20151208
- AP - CN201521063148U 20151208
- DT - I
- PA - LIU NANA
- TI - Pharmacist of hospital verifys and pays medicine device
- AB - The utility model provides a pharmacist of hospital verifys and pays medicine device, relates to being equipped with the pharmacist and authorizing the key to it advises and signs electronically with the pharmacist to attach the medicine on the prescription, can reduce intensity of labour, improve the officina and pay the drug effect rate, shorten the patient and wait for that the officina of hospital of the time of getting it filled pays the medicine device. Its characterized in that: conveying corridor left end has motor, motor wheel, belt, conveyer belt power wheel, conveying band pulley, quick -witted case, the table that makes up a prescription, examines medicine platform, medicine basket storage cabinet **steamer** tray, and it has power trick **lock**, pharmacist to examine medicine computer, printer, medicine basket to examine medicine bench face, and the medicine basket has the wallet, there is proximity switch on conveying corridor the right, pays the medicine platform, pays the medicine verifys computer, receiver, manual push button. The utility model discloses its novel structure, practicality, scientific and reasonable can improve hospital's informationization, automated management level, can further standardize the medicine procedure of paying of officina of hospital, the pharmacist is at the big prescription of doctor in the performance, acts on on antibiotic abuse, medicine compatibility, the exact administration method scheduling problem, and especially adapted hospitals at different levels use widely.

67/118 © EPODOC / EPO

- PN - [CN205153707U](#) U 20160413
- PR - CN20152925068U 20151119
- AP - CN20152925068U 20151119
- DT - I
- PA - BEIJING HARDROCK TECH CO LTD
- TI - Clutch device for electronic door **lock**
- AB - The utility model provides a clutch device for electronic door **lock**, include the square bar installation department wheel in clutch thumb wheel foreign **steamer** and the clutch thumb wheel, the wheel is connected with the square bar in the clutch thumb wheel, and clutch thumb wheel foreign **steamer** inside forms the cavity, and the wheel rotationally sets up in the cavity in the clutch thumb wheel, is provided with first step hole on the lateral wall of clutch thumb wheel foreign **steamer**, and the downthehole telescopic blocking lever that is provided with of first step takes turns to in the clutch thumb wheel and is provided with the opening, and the blocking lever has the first state that inserts the opening and keeps away from the second state of opening, the separation and reunion drive division, including motor and guide rod, motor drive guide rod concertina movement, guide rod and blocking lever butt. Adhere the clutch partially at original mechanical **lock** core, improved the compatible function of clutch,

dwindled original mounting structure size, need not make **lock** core and clutch integration for the **lock** core headspace, relative reduction cost, it is more convenient to install.

68/118 © EPODOC / EPO

PN - [CN205083253U](#) U 20160316
PR - CN20152876806U 20151105
AP - CN20152876806U 20151105
DT - I
PA - BEIJING YIXIANG TECH CO LTD
TI - Spontaneous heating culinary art pot
AB - The utility model provides a spontaneous heating culinary art pot, interior pot and outer pot including the setting of from interior to exterior intussusception, the upper end opening part **lock** no. 1 of interior pot is used for holding the food **steamer** of food, the food **steamer** is the tubbiness, and it includes food **steamer** lateral wall and food **steamer** diapire, an upper end opening part **lock** pot cover of food **steamer**, the pot cover with the internal face of food **steamer** encloses and becomes to go up cooking space, the outer wall of food **steamer** with interior pot encloses cooking space down. The utility model discloses can utilize the hot -air in the airtight space to steam food.

69/118 © EPODOC / EPO

PN - [CN205072272U](#) U 20160309
PR - CN20152844778U 20151028
AP - CN20152844778U 20151028
DT - I
PA - YUANCHONGXUAN
TI - Take two -dimensional code certification system's luggage locker
AB - The utility model relates to a luggage locker, concretely relates to be based on a take two -dimensional code certification system's luggage locker of embedded development technique, and this luggage is deposited case and bag and is drawn together box, chamber door, tapered end, two -dimensional code scanner, two -dimensional code certification system and unblock control module, the chamber door turns over the formula chamber door on door -hinge and box top edge looks articulated, the chamber door comprises inner wall and outer wall, between the inner wall of chamber door and the outer wall each other the **lock** form the hollow chamber that holds, the two -dimensional code scanner is established on the outer wall of chamber door, and tapered end, two -dimensional code certification system and unblock control module establish the intracavity that holds at the chamber door respectively, two -dimensional code certification system is connected with two -dimensional code scanner and unblock control module electricity respectively, and unblock control module's universal driving shaft is connected with the **lock** core through the **lock** core hole, the utility model discloses a luggage locker makes the passenger can use the two -dimensional code authentication on train, aircraft or the **steamer** bill to open the suitcase, makes depositing of luggage safe, swift, orderly.

70/118 © EPODOC / EPO

- PN - [CN205041011U](#) U 20160224
- PR - CN20152720001U 20150917
- AP - CN20152720001U 20150917
- DT - I
- PA - CHENGDU LISUN SCIENCE & TECHNOLOGY CO LTD
- TI - Drawer with self -locking function
- AB - The utility model discloses a drawer with self -locking function, including **steamer** tray box and **steamer** tray frame, the **steamer** tray box holds the box intracavity at the **steamer** tray frame, and the **steamer** tray box puts up the junction with the **steamer** tray and is equipped with sliding rail set spare, its characterized in that: the side of **steamer** tray box is equipped with the bayonet socket frame, and the bayonet socket frame is connected with elastic element, and the front end of bayonet socket frame is equipped with the bayonet socket, correspond with the bayonet socket position of bayonet socket frame, and the fixed lockpin that is equipped with of a box intracavity wall of **steamer** tray frame, when the **steamer** tray box pushes the **steamer** tray completely and puts up box intracavity, under elastic element's spring action, bayonet socket grasping lockpin that the bayonet socket put up, the protecgulum of **steamer** tray box is equipped with the handle parts that promote the bayonet socket frame and break away from the lockpin. Adopt this kind of structure, can carry out the auto -**lock** when the drawer is closed, avoided the drawer to transfer the in -process and opened the object lost condition of dropping that causes because of the **steamer** tray box that reason such as jolt caused.

71/118 © EPODOC / EPO

- PN - [CN205012090U](#) U 20160203
- PR - CN20152632710U 20150820
- AP - CN20152632710U 20150820
- DT - I
- PA - SHANGHAI POVOS ELECTRIC WORKS
- TI - Go out steam ports detachable hand -held type garment **steamer**
- AB - The utility model relates to a go out steam ports detachable hand -held type garment **steamer**, including host computer and play steam ports, the host computer has fuselage left side shell and fuselage right side shell, fuselage left side shell, the fuselage right side inboard upper portion of shell respectively are equipped with one and hang the platform, it comprises joint upper cover, joint lower cover, play vapour **lock**, left button, right side button to go out the steam ports, it runs through a steam ports to go out the vapour **lock**, left button, right side button are located the left and right sides of gas outlet, left button, right side button respectively by the button body, spring, buckle the foot and constitute, the host computer passes through the left button with the play steam ports, right side button connection is as an organic whole, detains climbers and connects in a string bench. The utility model relates to a succinctly, the assembly is simple, to go out vapour, some integration of adding water are steam ports, through the button be connected with the host computer, the user can make things convenient for the dismantlement, install, add water very much, has improved the user experience travelling comfort. The water tank delivery port will be added water and go out two

functions of vapour and united two into one simultaneously, simplify the structure.

72/118 © EPODOC / EPO

- PN - [CN204982477U](#) U 20160120
- PR - CN20152753577U 20150926
- AP - CN20152753577U 20150926
- DT - I
- PA - CAI YI
- TI - Garment **steamer**
- AB - The utility model relates to a garment **steamer**, including supporting locking lever (7), support locking lever (7) and become "Z" font, the middle part forms the fulcrum with skull (3) bottom surface looks fixed mounting, the one end that supports locking lever (7) becomes point form to one side, from **lock**-joint (11) stretch into support lever pin (10) in, the other end extends main part (1) and forms and support the locking lever switch, has spring (8) to set up at the back of supporting locking lever (7) one end, provides the power that makes the one end that supports locking lever (7) lie in support lever pin (10) all the time, the side of bracing piece (5) is equipped with and inserts notch (12) that suit with **lock**-joint (11) position after supporting lever pin (10) preset position, suit with the oblique point form tip shape that supports locking lever (7) when bracing piece (5). The utility model discloses simple structure, be the installation still disassembling operation is very simple and convenient, has solved the garment **steamer** that has now and has used and loaded down with trivial details operation defect when accomodating strutting.

73/118 © EPODOC / EPO

- PN - [CN204979206U](#) U 20160120
- PR - CN20152352051U 20150528
- AP - CN20152352051U 20150528
- DT - I
- PA - JI XIAOMING
- TI - Cylinder drive formula **steamer** drive oar
- AB - The utility model discloses a cylinder drive formula **steamer** drive oar, including the cylinder block, the cylinder block is connected with the rotation axis, the outer peripheral face cover of rotation axis is equipped with fixed cover, the tip of rotation axis is equipped with the column spinner, the both sides of column spinner are equipped with rotating vane, the axle center of column spinner is equipped with the fixed orifices, the tip of rotation axis inserts in the fixed orifices, the column spinner externally be equipped with the knot cap towards the face, be equipped with the connection pad between column spinner and the fixed cover, the connection pad suit is at the outer peripheral face of rotation axis, be equipped with the **lock** sleeve in the connection pad, the **lock** sleeve suit is at the outer peripheral face of rotation axis, the lateral wall of **lock** sleeve is equipped with the fluting. To drive the oar most likely and install on the **steamer**, the cylinder block provides power, and the drive rotation axis is rotatory, and it is rotatory that the rotation axis drives the column spinner, and it is rotatory that the column spinner drives rotating vane, the rotating vane drinking water to can drive the **steamer** fast and go forward, the driving velocity is fast, and is efficient.

74/118 © EPODOC / EPO

PN - [CN204898377U](#) U 20151223
PR - CN20152663227U 20150828
AP - CN20152663227U 20150828
DT - I
PA - ZHEJIANG SHAOXING SUPOR DOMESTIC ELECTRICAL APPLIANCE CO LTD
TI - Base subassembly and have its garment **steamer**
AB - The utility model provides a base subassembly and have its garment **steamer**, include: base (10), host computer (20), host computer (20) set up on base (10), be provided with the interlock between host computer (20) and base (10), the interlock has the **lock**-out state that messenger's host computer (20) and base (10) linked together and makes the unblock state of host computer (20) and base (10) separation. The technical scheme of the utility model solve the unstable host computer roll -off even of the host computer among the prior art effectively or emptyd the problem.

75/118 © EPODOC / EPO

PN - [CN204722809U](#) U 20151028
PR - CN20152395893U 20150610
AP - CN20152395893U 20150610
DT - I
PA - ZHONGSHAN HAP ELECTRIC APPLIANCE CO LTD
TI - Grill pan of multipurpose
AB - The utility model provides a grill pan of multipurpose, includes the pot cover and the pot body, the pot cover includes steel lid, plastics face lid and sealing washer, the steel lid is including caping board, sealing and buckling parts, the sealing washer setting on the sealing, the pot body includes inner bag, middle level, zhonghuan, electric heat - generating body, pot shell and base, steel lid and middle level **lock**, and the sealing washer setting is at sealing, sealing washer and the laminating of inner bag upper shed, still include and evaporate the piece, the steel lid of pot cover still includes a cylindric holding chamber portion, cylindric holding chamber portion sets up between caping board and sealing, there is annular brace table on the inner wall of inner bag, evaporates the piece setting on annular brace table, plastics face lid encircles cylindric holding chamber portion, sealing and the buckling parts of steel lid. Because adopt such structure, (one) takes out and evaporates the piece, can regard as ordinary grill pan to use, when evaporating the piece and place at annular brace table, can do the **steamer** use, (One) the setting of cylindric holding chamber portion can be cooked simultaneously, convenient to use, and one pot is multi -purpose.

76/118 © EPODOC / EPO

PN - [CN204713371U](#) U 20151021
PR - CN20152472652U 20150630
AP - CN20152472652U 20150630
DT - I

PA - LIAO HONGYI

TI - **Steamer** escape device

AB - The utility model discloses a **steamer** escape device, including being no less than 1 setting at hull aircushion vehicle storage compartment all around, be provided with the aircushion vehicle in the storage compartment, be provided with aerating device in the hull and connect the gas tube between aircushion vehicle and aerating device, gas tube and aircushion vehicle junction be provided with quick change coupler with quick change coupler the automation device that drops, be provided with between aircushion vehicle and the hull and be used for the automatic fastener that drops, the utility model discloses **steamer** escape device is through it deposits the case to be provided with the aircushion vehicle all around at the hull, and when running into trouble or tornado during the **steamer** is going, the aircushion vehicle can pop out from the case is deposited to the aircushion vehicle by quick aerate to float the hull all around with the hull **lock** joint together, personnel on the hull flee from to the aircushion vehicle on fast, when the hull sloped to certain angle, the aircushion vehicle was automatic with the hull separation and released and go, guarantees personnel's safety.

77/118 © EPODOC / EPO

PN - [CN204670909U](#) U 20150930

PR - CN20152398816U 20150610

AP - CN20152398816U 20150610

DT - I

PA - DAI JIE

TI - Anti -overflow **steamer**

AB - The utility model relates to an anti -overflow **steamer**, the electric pressure cooker comprises a cooker body and a cooker cover. The pot body includes from the bottom pot body of up range upon range of setting down and the stromatolite pot body, it is uncovered that stromatolite pot body top surface outwards extends a formation ladder, the pot cover outward flange is to having a buckling parts, the pot cover is located with the lid during stromatolite pot body top, the buckling parts and the open outward flange **lock** of ladder of this pot cover, and this buckling parts stretches into inside the cavity of the pot body, pot cover outward flange inboard is equipped with an annular groove. This anti -overflow **steamer** can avoid causing the unexpected scald of user because liquefied liquid is stayed laminating department of pot cover and the pot body and is spilled over from the pot cover and the pot body produce the gap.

78/118 © EPODOC / EPO

PN - [CN204654602U](#) U 20150923

PR - CN20142138906U 20140326; CN20152106555U 20150214

AP - CN20152106555U 20150214

DT - I

PA - ZHAOYANJIE

TI - Pressure cooker of joining in marriage food **steamer**

AB - Pressure cooker of joining in marriage food **steamer** has the pressure cooker that is used for the naked light to join in marriage the food **steamer**, has the electric pressure

cooker who is provided with the long handle to join in marriage the food **steamer** , has ordinary electric pressure cooker, intelligent electric pressure cooker to join in marriage the food **steamer** , on the basis of present pressure cooker, sets up supporting food **steamer** . The food **steamer** is with bearing highly compressed material manufacturing. The **lock** structure that the **lock** structure is the same on the bottom edge setting of food **steamer** and the pot cover of pressure cooker. The high temperature resistance silica gel that sets up in the **lock** structure in the **lock** structure of the bottom edge setting of food **steamer** on setting and the pot cover encloses the same silica gel circle. The knot tooth structure that knot tooth structure is the same of the pot peristoma department of the last oral area edge setting of food **steamer** and the pot body of pressure cooker. Each adapted all sets up the ear of carrying that is used for the handle in the food **steamer** of the pressure cooker of naked light in two corresponding directions. An after the food **steamer** was joined in marriage to the pressure cooker, the multiple food of once cooking made this kind of pressure cooker utensil commonly used, can be human service well for the naked light.

79/118 © EPODOC / EPO

- PN - [CN204109205U](#) U 20150121
- PR - CN20142499645U 20140901
- AP - CN20142499645U 20140901
- DT - I
- PA - YANGJUNHUANG
- TI - **Steamer** type tire shaping and vulcanizing machine
- AB - The utility model provides a **steamer** type tire shaping and vulcanizing machine. The machine comprises a movable frame, a mold and a **steamer** type vulcanizing machine, wherein the movable frame comprises a support, a movable beam, a first driving device, a guide rail seat and a second driving device, the movable beam is movably arranged on the support, the first driving device drives the movable beam to move up and down along the support, and the second driving device drives the support to move along the guide rail seat; the mold comprises an outer mold and a central mechanism, the central mechanism is arranged in the outer mold, and a first water inlet and a first air inlet are formed in the bottom of the outer mold; the **steamer** type vulcanizing machine comprises an upper cover, a rotating ring, a heating chamber, a rotary oil cylinder, a base, a movable plate, a mold locking air cylinder, a security **lock** mechanism and a mold opening balance mechanism. The **steamer** type tire shaping and vulcanizing machine is stable in working process, quick in heating and uniform to heat, and products are high in quality.

80/118 © EPODOC / EPO

- PN - [CN203926278U](#) U 20141105
- PR - CN20142383720U 20140711
- AP - CN20142383720U 20140711
- DT - I
- PA - NINGBO KAIBO GROUP CO LTD
- TI - **Lock** catch device for connecting and fixing extensible rod and main machine
- AB - The utility model discloses a **lock** catch device for connecting and fixing an extensible

rod and a main machine and belongs to a garment **steamer**. The existing fixing structure for connecting the extensible rod and the main machine is troublesome in operation during disassembling. The **lock** catch device for connecting and fixing the extensible rod and the main machine comprises a pipe-shaped outer rod and a first-level inner rod which can be in cup joint in an extensible mode; a cross **lock** catch and a vertical press part are assembled to a lower end of the pipe-shaped outer rod; the **lock** catch comprises a main body and a **lock** portion which is arranged at one end of the main body; the main body supports a spring to enable the **lock** portion to extend out of a pipe wall of the pipe-shaped outer rod; a lower end of the press part is matched with the main body through an inclined surface; the inclined surface is designed to be that when being retracted downward into the first level inner rod, a lower end of the first level inner rod is abut against the press part to apply force to the main body to overcome elastic force of the spring to enable the **lock** portion to be retracted into the pipe-shaped outer rod. According to the **lock** catch device for connecting and fixing the extensible rod and the main machine, fixation and removal of **lock** attach do not need extra operation acting on the extensible rod and are convenient and rapid and product appearances do not being influenced due to the fact that surfaces are not provided with redundant keys.

81/118 © EPODOC / EPO

PN - [CN104130928](#) A 20141105

PNFP - CN104130928B B 20151118

PR - CN20141376075 20140802

AP - CN20141376075 20140802

DT - I

CT - || STSE (A)

[CN204097446U](#) U 20150114 [R] (NINGXIA QIANGERSA HALAL FOOD CO LTD)

[R] 1

权利要求1

[JPS575684](#) A 19820112 [A] (KIKKOMAN SHOYU CO LTD)

[A] 1

全文

[CN102660431](#) A 20120912 [A] (JIANGSU JINSHIYUAN WINE CO LTD)

[A] 1

全文

[CN201952419U](#) U 20110831 [A] (CHAOHUI XU)

[A] 1

全文

[CN202124616U](#) U 20120125 [A] (INNER MONGOLIA HETAO LIQUOR GROUP CO LTD, et al)

[A] 1

全文

CTNP - || STSE (A)

[A] 荣新民,

"一种新颖的粮食深加工设备--自动制醋机", <<粮食加工>>, (20060430), PAGE 41

[A] 1

第41页

[A] "不同酿醋工艺设备", 徐清萍, <<食醋生产技术>>, PAGE 93-97

[A] 1

第93-97页

- PA - (A)
NINGXIA QIANGERSA HALAL FOOD CO LTD
- TI - (A)
Steamer discharging, cooling, inoculating and pneumatic conveying integrated system for koji material
- AB - (A)
The invention discloses a **steamer** discharging, cooling, inoculating and pneumatic conveying integrated system for a koji material before culture of vinegar bran koji. The system includes a bucket **steamer** discharger, a **steamer**, a spiral feeding air **lock**, a tee, a high pressure centrifugal fan, a yeast seed hopper, a conveying air pipe, and a ventilation koji pool. The bucket **steamer** discharger is disposed over the **steamer** to fill a spiral feed conveyer with 100DEG C clinker. The spiral feeding air **lock** comprises a clinker hopper, a speed reducer and a conveying screw auger. The clinker hopper is fixedly mounted on the conveying screw auger, one end of the conveying screw auger is connected to the speed reducer, and the other end is connected to the conveying air pipe. The conveying air pipe is in branch connection with the high pressure centrifugal fan and extends to the ventilation koji pool through the tee. The yeast seed hopper is fixedly mounted at the upper end of the high pressure centrifugal fan, which is used for conveying the mixture of yeast seed and the koji material to the ventilation koji pool. With a simple structure, the system is efficient and practical, and can greatly reduce the labor intensity of operating workers, improve sanitary conditions, and realize integrated and industrialized operation.

82/118 © EPODOC / EPO

- PN - [CN104110183](#) A 20141022
- PR - CN20141301562 20140626
- AP - CN20141301562 20140626
- DT - I
- CT - || STSE (A)
[JP2004332270](#) A 20041125 [Y] (TAKIGEN MFG CO)
[Y] 1,2
说明书第4页第[0016]段-第5页第[0024]段及附图2-6
[US5791700](#) A 19980811 [A] (BIRO ALEXANDER J [US])
[A] 1,2
全文
[US5437484](#) A 19950801 [A] (YAMADA KENICHI [JP])
[A] 1,2
全文
[CN203961538U](#) U 20141126 [R] (HEFEI CENTURIES FIVE STAR CATERING EQUIPMENT LTD LIABILITY COMPANY)
[R] 1,2
权利要求1,2
[CN1162682](#) A 19971022 [A] (TAKIGEN MFG CO [JP])
[A] 1,2
全文
[CN1162048](#) A 19971015 [Y] (TAKIHARA MFG CO LTD [JP])

[Y] 1,2

说明书第2页倒数第3段-第3页第1段,第4段-第4页第3段,第5段及附图1-3,5-7)

- PA - HEFEI CENTURIES FIVE STAR CATERING EQUIPMENT LTD LIABILITY COMPANY
- TI - Safe door **lock** for food **steamer**
- AB - The invention discloses a safe door **lock** for a food **steamer**. The safe door **lock** for the food **steamer** comprises a handle, a rotating shaft, a rotating device, a spring hook and a **lock** card, wherein the handle is connected to the rotating device through the handle; one side of the rotating device is provided with the spring hook; the rotating device comprises an eccentric rotating disc, a rotating disc base, connecting pieces and a **lock** dog connecting rod; the eccentric rotating disc is connected to the rotating shaft and rotates under drive of the handle through the rotating shaft; two ends of the eccentric rotating disc are connected to the connecting pieces; the connecting pieces are connected to the **lock** dog connecting rod; the **lock** dog connecting rod is connected to the **lock** card; the **lock** card comprises a **lock** dog and a **lock** hook; and the **lock** dog is inserted into the **lock** hook when the door is closed. When the safe door **lock** for the food **steamer** is in use, the safe door **lock** is mounted on a **steamer** door; and twice door open are needed when the door is needed to open, so that the problem of harm to a human body caused by steam when the door is opened after the food in the food **steamer** is cooked; and absolute security of an operator is guaranteed.

83/118 © EPODOC / EPO

- PN - [CN203802252U](#) U 20140903
- PR - CN20142191583U 20140418
- AP - CN20142191583U 20140418
- DT - I
- PA - NINGBO FOTILE KITCHEN WARE CO
- TI - Dual-purpose **steamer**
- AB - The utility model relates to a dual-purpose **steamer**. The dual-purpose **steamer** comprises a **steamer** body, an inner container assembly with a cooking chamber is arranged in the **steamer** body, a **steamer** door used for opening the cooking chamber is arranged on the **steamer** body, and a steam generator communicated with the cooking chamber and a water tank communicated with the steam generator are further arranged in the **steamer** body. The dual-purpose **steamer** is characterized in that a temperature sensor or a pressure sensor is arranged in the cooking chamber, a steam valve for making the cooking chamber communicated with the outside is arranged on the inner container assembly, an electromagnetic **lock** used for locking the **steamer** door is installed on the inner container assembly or the **steamer** door, correspondingly, a **lock** hole matched with a **lock** rod of the electromagnetic **lock** is formed in the **steamer** door or the inner container assembly, a control assembly capable of outputting a normal pressure steaming working mode and a pressure steaming working mode is arranged in the **steamer** body, and a heating element of the steam generator, the temperature sensor or the pressure sensor, the electromagnetic **lock** and the steam valve are all connected with the control assembly. The **steamer** has the dual heating modes including the normal pressure steaming working mode and the pressure steaming working mode.

84/118 © EPODOC / EPO

PN - [CN203802251U](#) U 20140903

PR - CN20142191534U 20140418

AP - CN20142191534U 20140418

DT - I

PA - NINGBO FOTILE KITCHEN WARE CO

TI - Dual-purpose **steamer**

AB - The utility model relates to a dual-purpose **steamer**. The dual-purpose **steamer** comprises a **steamer** body, an inner container assembly with a cooking chamber is arranged in the **steamer** body, a **steamer** door used for opening the cooking chamber is arranged on the **steamer** body, and a steam generator communicated with the cooking chamber and a water tank communicated with the steam generator are further arranged in the **steamer** body. The dual-purpose **steamer** is characterized in that a temperature sensor and a pressure sensor are arranged in the cooking chamber, a steam valve making the cooking chamber communicated with the outside is arranged on the inner container assembly, an electromagnetic **lock** used for locking the **steamer** door is installed on the inner container assembly or the **steamer** door, correspondingly, a **lock** hole matched with a **lock** rod of the electromagnetic **lock** is formed in the inner container assembly or the **steamer** body, a control assembly capable of outputting a normal pressure steaming working mode and a pressure steaming working mode is arranged in the **steamer** body, and a heating element of the steam generator, the temperature sensor, the pressure sensor, the electromagnetic **lock** and the steam valve are all connected with the control assembly. The **steamer** has the dual heating modes including the normal pressure steaming working mode and the pressure steaming working mode.

85/118 © EPODOC / EPO

PN - [CN203802250U](#) U 20140903

PR - CN20142191101U 20140418

AP - CN20142191101U 20140418

DT - I

PA - NINGBO FOTILE KITCHEN WARE CO

TI - Dual-purpose **steamer**

AB - The utility model relates to a dual-purpose **steamer**. The dual-purpose **steamer** comprises a **steamer** body, an inner container assembly with a cooking chamber is arranged in the **steamer** body, a **steamer** door used for opening the cooking chamber is arranged on the **steamer** body, and a steam generator communicated with the cooking chamber and a water tank communicated with the steam generator are further arranged in the **steamer** body. The dual-purpose **steamer** is characterized in that a temperature sensor or/and a pressure sensor is/are arranged in the cooking chamber, a fast cooling device is further arranged in the cooking chamber, a steam valve used for making the cooking chamber communicated with the outside is arranged on the inner container assembly, an electromagnetic **lock** used for locking the **steamer** door is installed on the inner container assembly or the **steamer** door, correspondingly, a **lock** hole matched with a **lock** rod of the electromagnetic **lock** is formed in the **steamer** door or the inner container assembly, a control assembly capable of outputting a normal pressure steaming working mode and a pressure steaming working mode is arranged in

the **steamer** body, and a heating element of the steam generator, the temperature sensor, the pressure sensor, the electromagnetic **lock** and the steam valve are all connected with the control assembly.

86/118 © EPODOC / EPO

- PN - [CN203802249U](#) U 20140903
- PR - CN20142191022U 20140418
- AP - CN20142191022U 20140418
- DT - I
- PA - NINGBO FOTILE KITCHEN WARE CO
- TI - Dual-purpose **steamer**
- AB - The utility model relates to a dual-purpose **steamer**. The dual-purpose **steamer** comprises a **steamer** body, a **steamer** door, a steam generator and a water tank communicated with the steam generator, wherein an inner container assembly with a cooking chamber is arranged in the **steamer** body. The dual-purpose **steamer** is characterized in that a temperature sensor or/and a pressure sensor is/and arranged in the cooking chamber, a steam valve capable of making the cooking chamber communicated with the outside is arranged on the inner container assembly, an electromagnetic **lock** used for locking the **steamer** door is installed on the inner container assembly or the **steamer** door, a control assembly capable of outputting a normal pressure steaming working mode and a pressure steaming working mode is arranged in the **steamer** body, besides, a water level control box is arranged in the **steamer** body, the water tank is connected with the steam generator through the water level control box, and the steam generator in the **steamer** body is higher than the water level control box in the **steamer** body; a heating element of the steam generator, the temperature sensor or/and the pressure sensor, the electromagnetic **lock**, the steam valve, a first water pump, a first one-way electromagnetic valve, a third one-way electromagnetic valve and a second water pump are all connected with the control assembly.

87/118 © EPODOC / EPO

- PN - [CN203498681U](#) U 20140326
- PR - CN20132594529U 20130925
- AP - CN20132594529U 20130925
- DT - I
- PA - FOSHAN SHUNDE SINCERE HOME HOME APPLIANCE MFG CO LTD
- TI - Garment **steamer**
- AB - The utility model relates to a garment **steamer**. The garment **steamer** is provided with a pneumatic telescoping rod. The pneumatic telescoping rod comprises at least two-stage hollow rods, wherein the upper-stage hollow rod is inserted into the lower-stage hollow rod, and the adjacent hollow rods enable relative sliding motion. The top of the uppermost-stage hollow rod is provided with a cover. The bottom part of the lowermost-stage hollow rod is connected with a base. The base is provided with a ventilation hole that is connected with a valve. Apart from the lowermost-stage hollow rod, bottoms of other hollow rods are provided with pistons. The pistons are provided with ventilation holes. The piston of each hollow rod is clung to the inwall of the lower-stage hollow

rod. Apart from the uppermost-stage hollow rod, bottoms of other hollow rods are provided with spacing mechanisms. The spacing mechanism of each hollow rod is used for limiting the sliding stroke of the upper-stage hollow rod. Since the garment **steamer** utilizes the pneumatic telescoping rod without **lock** catches. In an operation process, repeated locking motions are eliminated, so that a user can conveniently operate the garment **steamer**.

88/118 © EPODOC / EPO

PN - [CN103134087](#) A 20130605
 PR - CN20111376057 20111123
 AP - CN20111376057 20111123
 DT - I
 PA - HUANGJINGZHU
 TI - Steam-cooking multi-purpose stove
 AB - The invention discloses a steam-cooking multi-purpose stove which comprises a saucepan placed on a saucepan stove and a **steamer** placed on a **steamer** stove, wherein a smoke channel arranged on the inner wall of the saucepan stove is communicated with a smoke channel arranged in the **steamer** stove, a water tank is arranged on the inner wall of a furnace of a saucepan stove, the water tank is communicated with a water tank which is arranged on the lower portion of the **steamer** stove, a steam outlet is arranged on the top face of the water tank on the lower portion of the **steamer** stove, a body of the saucepan is provided with a sealing saucepan cover through a hinge shaft, and **lock** buckles are installed between the body and the saucepan cover of the saucepan. The saucepan cover of the saucepan is communicated with a furnace chamber of the **steamer** stove through a pipeline and a valve. Compared with the prior art, the steam-cooking multi-purpose stove can solve the problem that an existing stove cannot have the steaming function and the cooking function at the same time.

89/118 © EPODOC / EPO

PN - [CN103078217](#) A 20130501
 PR - CN2013161438 20130227
 AP - CN2013161438 20130227
 DT - I
 CT - || STSE (A)
[WO2006069382](#) A2 20060629 [A] (CONAIR [US], et al)
 [A] 1
 全文
[CN203085892U](#) U 20130724 [R] (JIANGYIN ZHIXIANG ELECTRONIC TECHNOLOGY CO LTD)
 [R] 1
 权利要求1
[CN201406594Y](#) Y 20100217 [A] (FOSHAN GREAT APPLIANCES CO LTD)
 [A] 1
 全文
[CN2853870Y](#) Y 20070103 [A] (ZHANG JINGONG [CN])
 [A] 1

全文

[CN202416016U](#) U 20120905 [A] (ZHEJIANG HUAGUANG ELECTRIC APPLIANCE GROUP CO LTD)

[A] 1

全文

[US2004050118](#) A1 20040318 [A] (CARRUBBA PAUL J [US], et al)

[A] 1

全文

[CN201695250U](#) U 20110105 [X] (JINSONG ZHOU)

[X] 1

说明书第3-14段,图1-2

- PA - JIANGYIN ZHIXIANG ELECTRONIC TECHNOLOGY CO LTD
- TI - Connecting wiring harness for protective circuit of garment **steamer**
- AB - The invention relates to a connecting wiring harness for a protective circuit of a garment **steamer**. The connecting wiring harness is characterized by comprising a straight pin **lock** male end terminal, a straight pin **lock** female end terminal I, a straight pin **lock** female end terminal II, a straight pin **lock** female end terminal III, a lead I, a lead II, a lead III, a lead IV, a lead V, a thermal cut-off and a red neon light, wherein the straight pin **lock** male end terminal is connected with the thermal cut-off through the lead I; the thermal cut-off is connected with the straight pin **lock** female end terminal I through the lead II; the red neon light is connected with the straight pin **lock** female end terminal I through the lead III; the red neon light is connected with the straight pin **lock** female end terminal II through the lead IV; and the straight pin **lock** female end terminal II is connected with the straight pin **lock** female end terminal III through the lead V. The connecting wiring harness has the advantages of capability of effectively protecting components in the circuit of the garment **steamer** and convenience in maintaining and replacing electrical appliance circuits.

90/118 © EPODOC / EPO

PN - [CN202747407U](#) U 20130220

PR - CN20122289628U 20120608

AP - CN20122289628U 20120608

DT - I

PA - HUANG XIONGGAO

TI - Integral food **steamer** kitchen range

AB - The utility model discloses an integral food **steamer** kitchen range and belongs to cooking equipment. The integral food **steamer** kitchen range is the device formed by matching a food **steamer** with a kitchen range and integrally connecting the kitchen range and the kitchen range. The kitchen range is connected with the food **steamer** on the surface; a sealing ring is arranged on the connecting part of a surrounding wall; water sleeves are arranged around a combustion chamber of the kitchen range and on the top of the kitchen range; a food **steamer** drawer is arranged on a water surface; a flue of the combustion chamber upwards enters a food **steamer** box body from the two sides and is led out from the top; layers of supporting slide ways of the food **steamer** drawer are arranged on a frame of the inner cavity of the food **steamer** box body; a door is arranged on the front surface of the food **steamer** box body; a **lock** pin and a sealing cushion are arranged between the door and the box body; and an exhaust outlet

is formed in the top of the food **steamer** box body. The temperature of the food **steamer** is quickly raised, the temperature of the food **steamer** is high, the steam pressure is higher than atmosphere, energy-saving effect is obvious, food is quickly cooked, and the production efficiency is high.

91/118 © EPODOC / EPO

PN - [CN202509887U](#) U 20121031
PR - CN2012291491U 20120313
AP - CN2012291491U 20120313
DT - I
PA - CHENGDU ZHANGWO MOBILE INFORMATION TECHNOLOGY CO LTD
TI - Frequency type electronic coded **lock** controller
AB - The utility model discloses a frequency type electronic coded **lock** controller, which comprises a direct-current power supply, an audio decoding integrated circuit, a first transistor, a second transistor, a third transistor, a first capacitor, a second capacitor, a third capacitor, a fourth capacitor, a fifth capacitor, a first resistor, a second resistor, a third resistor, a fourth resistor, a fifth resistor, a potentiometer, a diode and a relay. When unlocking is required, a key type resistor is inserted into a jack, a complementary egg **steamer** is arranged properly and is used for outputting a signal frequency to the audio decoding integrated circuit, a low level is output from the output end of the audio decoding integrated circuit by decoding, the low level is used for driving the third transistor to be conducted, and a **lock** is opened through the relay. According to the frequency type electronic coded **lock** controller, a key type resistance unlocking tool is adopted; and the frequency type electronic coded **lock** controller has the advantages of simple circuit, stable performance, safety, reliability and convenience for installing and debugging.

92/118 © EPODOC / EPO

PN - [CN202509307U](#) U 20121031
PR - CN20122181000U 20120425
AP - CN20122181000U 20120425
DT - I
PA - NINGBO KAIBO GROUP CO LTD
TI - Garment **steamer** telescopic rod capable of serving as conductor
AB - The utility model discloses a garment **steamer** telescopic rod capable of serving as a conductor and relates to the garment **steamer**. The prior garment **steamer** telescopic rod has no conductor function, during usage, a user is required to bend down to operate, and the usage is inconvenient. The garment **steamer** telescopic rod comprises at least two sections of tubular telescopic joints which can be telescopically assembled together, and a **lock** catch is arranged between adjacent telescopic joints. The garment **steamer** telescopic rod is characterized in that a top conductor is arranged on top of a top end telescopic joint, a bottom conductor is arranged at the bottom of a bottom end telescopic joint, a middle conductor which is capable of extending and shortening is connected between the top conductor and the bottom conductor, and the middle conductor is distributed in the telescopic joints. The garment **steamer** telescopic rod has the advantages that by means of the structural design of the

telescopic rod, the telescopic rod can be used as the conductor, the telescopic rod can be used as a carrier of a circuit by the continuity of the telescopic rod, certain operation functions of the garment **steamer** can be transplanted from a base to hangers located on top of the telescopic rod, thereby the user is not required to bend down to operate, and the usage is extremely convenient.

93/118 © EPODOC / EPO

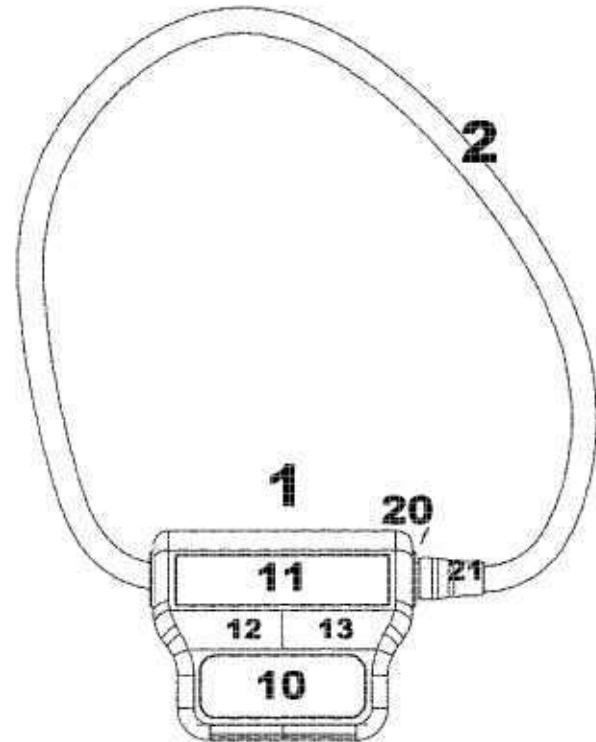
- PN - [CN202416021U](#) U 20120905
- PR - CN20112528291U 20111216
- AP - CN20112528291U 20111216
- DT - I
- PA - KINGCLEAN ELECTRIC CO LTD
- TI - Garment **steamer** with trousers rack locking structure
- AB - The utility model discloses a garment **steamer** with a trousers rack locking structure, which comprises a support bar, a sleeve detachably sheathed on the support bar, a first and second lateral wings, and a **lock** catch, wherein the first and second lateral wings are arranged on the sleeve in opposite and can elastically deform; and the **lock** catch is used for connecting the first and second lateral wings to form a circular ring and fixedly sheathing on the support bar. By using the elastic deformation of the plastic piece and the difference of rotating axes, the elastic lateral wings are tightened or loosened in the motion process, thereby performing the fixing effect, and thus, the garment **steamer** can be moved up and down conveniently.

94/118 © EPODOC / EPO

- PN - [CN202202177U](#) U 20120425
- PR - CN20112226810U 20110630
- AP - CN20112226810U 20110630
- DT - I
- PA - YINGKE LAO
- TI - **Lock** catch type garment **steamer** hanger telescopic support rod
- AB - The utility model discloses a **lock** catch type garment **steamer** hanger telescopic support rod, which comprises an inner pipe (1) and an outer pipe (6), wherein the outer pipe (6) is provided with an inner wall guiding strip (5). A **lock** catch (7) is arranged at the upper end of the outer pipe (6), the inner pipe (1) is provided with an inner wall guiding strip (3), and a **lock** catch groove (4) is arranged at the lower end of the inner pipe (1). A guiding plastic block (2) is arranged on one side of the inner pipe (1) close to the **lock** catch groove (4), the upper end of the inner pipe (1) is inserted into the lower end of the outer pipe (6) and enables the guiding plastic block (2) to be slidably matched with the inner wall guiding strip (5), and the **lock** catch (7) is connected with the **lock** catch groove (4) through relative sliding between the inner pipe (1) and the outer pipe (6). The **lock** catch type garment **steamer** hanger telescopic support rod has the advantages of being good in telescopic performance, stable to support, high in load-bearing capability and convenient to install.

95/118 © EPODOC / EPO

PN - [GB2489046](#) A 20120919
 PNFP - GB2489046 B 20130313
 PR - GB20110004588 20110318
 AP - GB20110004588 20110318
 DT - *
 CT - (A B)
[WO0013152](#) A1 []; [US5683137](#)
 A []
 CCI - [G04G15/006](#) ; [G07F17/10](#)
 CNOI - (A B)
[G04F3/06](#) ; [G04G15/003](#) ;
[G07F17/08](#)
 PA - (A B)
 DHINDSA RANJEET [GB]
 TI - (A B)
 Timer and **lock** device
 AB - (A)
 A timer and **lock** device 1 for use
 on furniture has a
 programmable timer which times
 a predetermined time interval.
 Once the interval has been
 completed the device sends a
 signal to a remote user. The
 interval timer may be activated
 and stopped by the locking and
 unlocking of the **lock** portion
 20,21. The device may include a
 solar power panel 11. The
 furniture may be, for example,
 sun loungers, deck chairs
 or **steamer** chairs at holiday
 establishments.



96/118 © EPODOC / EPO

PN - [CN201831658U](#) U 20110518
 PR - CN20102525163U 20100912
 AP - CN20102525163U 20100912
 DT - I
 PA - TONG WEIYI; LIANCHEN JIANG
 TI - Electronic door **lock** on electric **steamer**
 AB - The utility model discloses an electronic door **lock** on an electric **steamer**, which
 comprises an electric **steamer** box, a return spring, a **lock** rack, an electromagnet, a **lock**
 hook and a **steamer** door. The 'L'-shaped **lock** rack is made of metal and fixedly mounted
 at a proper position of the electric **steamer** box, the electromagnet is fixedly mounted

on the upper side of the **lock** rack, the **lock** hook is made of iron, an open groove is arranged on the head of the **lock** hook, the **lock** hook is mounted on the upper side of the electromagnet, a proper distance is maintained between the **lock** hook and the electromagnet, the rear side of the **lock** hook is embedded in a groove of the **lock** rack so as to guarantee that the **lock** hook can move vertically on the **lock** rack, and the return spring is connected between the **lock** hook and the **lock** rack. A square slotted hole is arranged on the **steamer** door, the width and the length of the square slotted hole are slightly larger than the size of the section of the **lock** hook, and the square slotted hole is disposed at such a position that the **lock** hook can be guaranteed to be rightly inserted into the **steamer** door when the **steamer** door is closed. The electronic door **lock** with the structure can conveniently **lock** or unlock the **steamer** door of the electric **steamer** by changing the electrification state of the electromagnet.

97/118 © EPODOC / EPO

PN - [CN201722543U](#) U 20110126
 PR - CN20102232780U 20100622
 AP - CN20102232780U 20100622
 DT - I
 PA - XIFU CHEN
 TI - **Steamer** rack
 AB - The utility model discloses a **steamer** rack comprising a supporting rod, a rack base, a rack, and a locking device. The rack is inserted in the rack base and can be used for hanging the **steamer** head, and the locking device is locked with the supporting rod and disposed on the rack base. The utility model has advantages of simple structure, good stability, ability of changing the axial position of the rack base on the supporting rod, and convenient use, because the rack base can be moved around the supporting rod, when the **lock** is loosened.

98/118 © EPODOC / EPO

PN - [CN201414686Y](#) Y 20100303
 PR - CN2009256230U 20090508
 AP - CN2009256230U 20090508
 DT - I
 PA - YOUCONG CHENG
 TI - **Steamer** tray
 AB - The utility model discloses a **steamer** tray of a food **steamer**. A **steamer** wall is formed by connecting a plurality of wall plates sequentially from beginning to end, and the adjacent wall plates are inserted and connected, wherein the end part of one wall plate is provided with a slot; an inserting piece is arranged at the corresponding position at the end part of the other wall plate; the inserting piece is inserted into the slot; the head of the inserting piece extends out of the slot; the extending part of the inserting piece is provided with a locking hole; a **lock** rod is inserted into the locking hole to **lock** the two wall plates. The **steamer** wall of the **steamer** tray is not hooped by a hoop, the problem of loosening of the hoop and the **steamer** wall due to the long-time use of the existing **steamer** tray can not exist, and the **steamer** tray of the utility model has long service life.

99/118 © EPODOC / EPO

- PN - [CN201282912Y](#) Y 20090805
- PR - CN20082136528U 20080912
- AP - CN20082136528U 20080912
- DT - I
- PA - JUNMING CHEN [CN]
- TI - High-pressure **steamer**
- AB - The utility model discloses an autoclave, which comprises a bottom pot (1), at least one **steamer** (2) and a cover (3), wherein the number of the **steamer** (2) can be increased or reduced according to actual requirements, after being in overlapping and clasp assembling on the upper portion of the bottom (1), each **steamer** (2) is in integral clasp assembling with the cover (3), the inner portion of each **steamer** (2) is equipped with 4-6 steam pipes (4) with a 5mm-8mm clearance spacing with the upper layer, two sides of the **steamer** (2) and two sides of the cover (3) are respectively equipped with a clasp (5) at the same positions, the clasps (5) on each steamers (2) are mutually locked together to **lock** with the cover (3), the surface of the cover (3) is equipped with two safe air valves (6), and two heat-proof handles (7) perpendicular to the clasps (5) are arranged on the bottom pot (1).

100/118 © EPODOC / EPO

- PN - [CN201236292Y](#) Y 20090513
- PR - CN20082121573U 20080717
- AP - CN20082121573U 20080717
- DT - I
- PA - ZHEJIANG HUAGUANG ELECTRIC APP [CN]
- TI - Dismountable support rod of hanging ironing machine
- AB - The utility model provides a detachable support rod of a garment **steamer**, which comprises an upper support rod, a lower support rod and a locking device arranged between the upper support rod and the lower support rod, wherein the upper support rod can movably slide in the lower support rod; the locking device comprises a support rod locking knob arranged at the lower end of the upper support rod, a support rod bushing arranged at the upper-end port of the lower support rod and a support rod **lock** catch arranged in the support rod bushing, wherein a sloping surface is arranged at the upper end of the support rod **lock** catch, an inclined plane which is corresponding to the sloping surface is arranged at the lower end of the support rod locking knob, at least two opening slots are arranged on the support rod **lock** catch, and a thread screw is arranged on the outer wall of the support rod locking knob and is spirally connected with the inner wall of the support rod bushing. The support rods can be prevented from sliding downwards through the locking device arranged on the support rod.

101/118 © EPODOC / EPO

- PN - [CN201196167Y](#) Y 20090218
- PR - CN2008208279U 20080314
- AP - CN2008208279U 20080314

DT - I

PA - MINGZHI WANG [CN]

TI - Improved structure of miniature suction ventilator

AB - The utility model discloses an improved small sized structure of a suction conveyor. A box is fixed on a connection board of a motor which penetrates the interior of the box. A flabellum wheel is fixingly positioned on a rotary shaft of the box interior. A front cap is locked and covered on a front end of the box opening. A **lock** group **steamer** is arranged on the lower part of the connection board of the motor which is a DC motor. The connection board which is provided with a punch hole is positioned on the end next to the rotary shaft and is mounted with the box by penetrating the punch hole by a bolt. An air inlet and an air outlet are arranged on the interior of the box for piercing through the periphery of the box. A plurality of circular-row screw holes are arranged on the end face and are serially combined with the connection of the motor through the bolt. The **steamer** represents an L-shaped board body and has an assembly hole, which is clawed on the punch hole of the connection board bottom of the motor. The improved small sized structure of the suction conveyor has the advantages of mating the space for assembling effectively, convenient use and strong practicability.

102/118 © EPODOC / EPO

PN - [US6339854](#) B1 20020122

PR - US20000666082 20000921

AP - US20000666082 20000921

DT - *

CT - [US1158382](#) A []; [US3290697](#) A [];
[US4340981](#) A []; [US4565188](#) A []

CCI - [A61H33/06](#)

CCA - [A61H2033/068](#) ; [A61H2035/004](#)

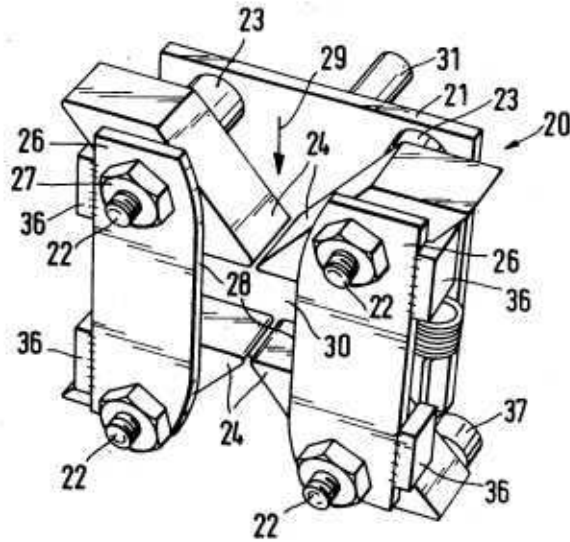
PA - LOGIC INC SPA [CA]

TI - Steam cabinet and method of manufacture

AB - A personal **steamer** comprising an assembly of three pieces: a base tub and liner tub and a lid. The liner tub is body-shaped to form a foot, a seat, a back and side walls forming a steam enclosure. A lid, hinged at the foot, can be pivoted to a vertical, low stress vertical position, or closed for use. The liner tub is formed of ABS and reinforced with fiberglass on its underside where it is protected from the steam. The liner tub is fitted into the base tub and foamed together, forming a base assembly. Steam is conducted through a fitting in the base tub and through a conduit to a horn outlet at the user's feet. The steam is discharged away from the user and towards the lid, deflecting back to into the enclosure. U-shaped conduits and fans recirculate steam in the enclosure. A portable steam generator is coupled with the cabinet for providing constant temperature steam very quickly. A low volume boiler, having a V-shaped bottom and a gravity water feed ensures minimum water levels and minimum water volumes. A vacuum- **lock** water reservoir provides water supply and fine level control.

103/118 © EPODOC / EPO

PN - [US4440335](#) A 19840403
 PR - DE19803012756 19800402
 AP - US19810247324 19810325
 DT - **
 CT - [US3770174](#) A []; [US3826417](#) A [];
[US3974950](#) A []
 CCI - [D06B17/06](#)
 PA - KUESTERS EDUARD [DE]
 TI - Support rod **steamer** rod **lock**
 AB - A support rod **steamer** rod **lock**
 has a slot for receiving a support
 rod end and provided at the
 slot's ends with normally closed
 spring-biased latches which at
 one end of the slot are opened by
 engagement with the rod end and
 at the other end of the slot are
 opened by engagement with a
 cam.



104/118 © EPODOC / EPO
 PN - [NL7015961](#) A 19720503
 PR - NL19700015961 19701030
 AP - NL19700015961 19701030
 DT - *; Rep
 CCI - [D06B17/06](#)
 TI - Festoon **steamer** - with support mechanism for loop-carrying rods at loop pick-up and
 discharge positions
 AB - Appts. for forming and transporting vertical loops of strip material, more esp. for
 carrying loops of textile strip through a steam treatment chamber ('festoon **steamer**'),
 of the type comprising an endless conveyor consisting of two chains or similar devices
 for circulating a series of loop support rods carried on the chains by their ends,
 together with a horizontal guide at the entrance and exit of which the chains can
 deposit the rods and lift them off respectively, but incorporating the feature that the
 chains carry support members in which the ends of the rods are enclosed on four sides
 and by which means are provided along the path followed by the chains - near the
 entrance and exit of the horizontal guide - which can each operate one of a pair of
 movable **lock** elements so that the ends of the rod are temporarily only supported on
 three sides.

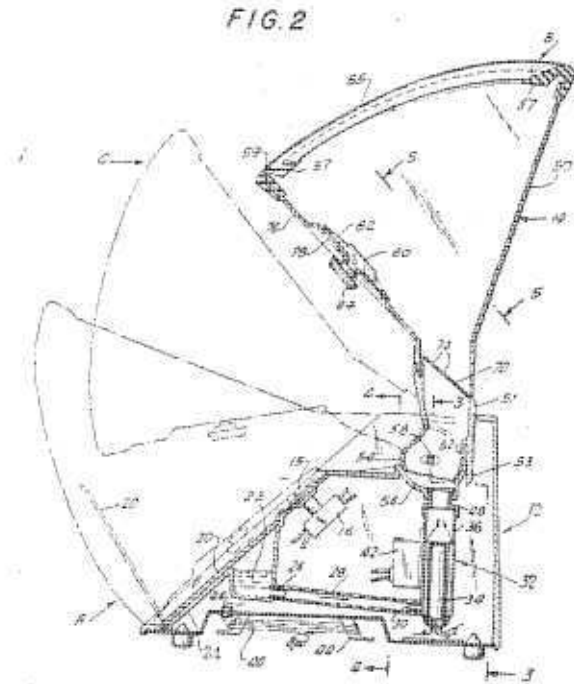
105/118 © EPODOC / EPO
 PN - [LV11487](#) B 19961220
 PNFP - LV11487 A 19960820
 PR - LV19950000025 19950203

AP - LV19950000025 19950203
DT - I
PA - (A)
SIDRABE A S
- (B)
SIDRABE A S [LV]
TI - (B)
COATING FORMING DEVICE BY VACUUM SPUTTERING
AB - (B)
The innovation relates to the processing of product surfaces causing the settling of metal particles on them in the areas of the electro-**lock steamer** and the magnetic sprayer. The proposed solution provides a way to cover the material incl. materials with low thermo-stability, for example plastic. In the proposed device (fig.1) it is provided in such a way that the electro-**lock steamer** 8 and the magnetic sprayer 11 are placed in antipodal positions and a movable exhibition device is placed between them whose cartridges 3 make a planetary circulation. Such disposition of the construction elements decreases the level of heat influence on the component at the time of its processing.<IMAGE>

106/118 © EPODOC / EPO
PN - [JPH01160600](#) A 19890623
PR - JP19870320235 19871217
AP - JP19870320235 19871217
DT - I
CT - [JPS5011516](#) A []; [JPS5020159U](#) U []
FI - D06F87/00
PA - SANYO ELECTRIC CO; TOKYO SANYO ELECTRIC CO
TI - **STEAMER**
AB - PURPOSE: To provide a **steamer** capable of simultaneously stretching a tank and opening/closing an opening/closing valve while utilizing the turning operation of a lid body for opening/closing a water feeding port by providing a **lock** means for keeping the extending state of the tank and the opening state of the opening/closing valve in conjunction with the opening of the lid body. CONSTITUTION: When a water feeding port 30 is opened by turning a lid body 32 at the time of supplying water into a tank 16, a holding rod 52 is turned by a cam 33 against the energizing force of a hook spring 55, and a **lock** part 52a is turned to a position to **lock** an attaching stand 20. At this moment, the cam 33 presses the holding rod 52. When an operating knob 23 is pushed down afterwards, the tank 16 compressed by a spring 21 up to the moment is extended downward through an operating rod 24, that compression is limited by the **lock** part 52a, and the extending state is maintained. Besides, during the downward extension of the tank 16, a lower bent part 36b of a pressing rod 36 is locked onto an attaching stand 20 and the pressing rod 26 is dropped downward. Consequently, the supporting rod 25 is pushed down by an upper bend part 36a and an opening part 18 is opened by an opening/closing valve 26 and communicated with the water feeding port 30.

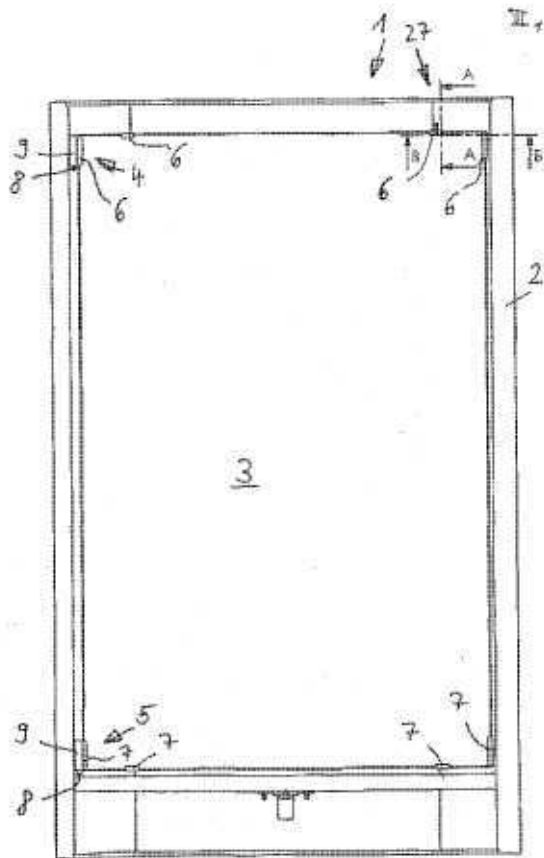
107/118 © EPODOC / EPO

PN - [GB1223965](#) A 19710303
 PR - US19680721754 19680416
 AP - GB19690013907 19690317
 DT - *
 CCI - [A61H33/12](#)
 PA - SCHICK ELECTRIC INC [US]
 TI - FACE **STEAMER**
 AB - 1,223,965. Facial steamers. SCHICK ELECTRIC Inc. 17 March, 1969 [16 April, 1968], No. 13907/69. Headings A5R and AST. A facial **steamer** 10 comprises a housing 12 containing a vapour generator 32 which is connected by a conduit 28 to a liquid reservoir 22, a face mask 14 pivotally mounted on said housing 12 with its bottom end communicating with an outlet of the generator 32, and vapour diffusing means 70 disposed within the mask. The lower end of the mask 14 has a neck 51 with parallel side walls and lower front and rear walls in the form of cylindrical segments 52, 54 which fit into a complementary concave seat 56 on the top of housing 12. The mask is pivotally mounted on housing 12 by a shoulder screw 58 engaged by a nut (60, fig. 3) embedded in a knob (62, fig. 3) on the outside of the housing to **lock** the mask in any desired position. The steam generator 32, which consists of a heating element 34 surrounded by a water sleeve 36 has its top end connected by a cap 48 to the neck of the mask. The vapour diffusing means consists of a flat plate 70 disposed within the neck portion 51 with its front end located nearer the mask top than the rear end, with a series



of spaced holes 74 therethrough in the front half to disperse the vapours throughout the mask. Air may be introduced into the mask through a plurality of circumferentially spaced openings 78 in the front wall 76 of the mask controlled by a circular plate 80 rotatably mounted on the inside of wall 76, which plate 80 has a similar arrangement of openings 82 so that the openings 78 may be entirely opened or closed or in any intermediate position to obtain the required air-steam mixture by rotating a knob 84 fixed to the spindle of plate 80. The upper end of mask 14 is fitted with an elastomeric gasket 55 which has a pliable inwardly extending lip 57 to seal the user's face to the mask: A panel 20 is hingedly mounted to the housing front to give access to reservoir 22.

PN - [DE10206736](#) A1 20030828
 PR - DE2002106736 20020218
 AP - DE2002106736 20020218
 DT - *
 CCI - [E05C3/14](#) ; [F24C15/04](#)
 CCA - [E05C3/30](#)
 PA - GRONBACH FORSCHUNGS UND
 ENTWIC [AT]
 TI - Double-pane door for a cooking
 appliance, and especially
 a **steamer**, has an inner pane on
 swing hinges, held in the closed
 position by a snap **lock**
 AB - The door for a cooking
 appliance, and especially
 a **steamer**, has an outer pane
 (20) and an inner pane (3). The
 inner pane is fitted to the door
 on swing hinges, and is held in
 the closed position by a
 snap **lock** (27). The snap **lock**
 has a hook (28), which grips over
 the inner pane. The hook is mounted
 to the door on a swing fitting
 (30), and is tensed by a spring
 (36).



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 PN - [DE3844694](#) C2 19920702
 PR - DE19883844694 19881011; DE19883825452 19880727
 AP - DE19883844694 19881011
 DT - *
 CT - [DE3225844](#) C2 []; [DE885534](#) C [];
[DE47553](#) C []; [DE1968139U](#) U [];
[DD34634](#) A []; [AT179600B](#) B [];
[FR373794](#) A []; [US3986670](#) A [];
[US3739746](#) A []
 CCI - [D06B1/02](#)
 TI - Piece goods spray application
 AB - The appts. to treat piecegoods passing round a serpentine path with a spray of fluid droplets and a **steamer**, separates the **steamer** connected to the **lock** from the housing for the applicators. The applicator housing has a steam rinser. A number of steam inlet tubes and an exhaust suction tube in the housing give a steam rinsing action within the housing. Standing water or steam are used to give the required thermal energy to deliver the treatment fluid in droplets through the multi-material jet assemblies of the

applicators. The jets have either an internal or external mixing facility, and the applicators have at least two single-material jets directed at the same point. The applicators have at least one atomiser to give the droplet spray. A heater gives the thermal energy for the jets, as an electrical heater or an alcohol burner

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- PN - [DE2834841](#) A1 19800221
- PR - DE19782834841 19780809
- AP - DE19782834841 19780809
- DT - *; Rep
- CCI - [A47J36/38](#)
- PA - MESSMER ERNST
- TI - Low pressure **steamer** for cooking food - has steam condenser forming lid preventing escape of steam but reducing cooking time
- AB - The cooking vessel operates with a low steam pressure. The lid acts as a steam condenser so that the heat it takes up can be reused, e.g. at the end of the cooking process, when the lid is placed in a lower part to serve as a hot plate for the food. The steam condenser can comprise several parts connected together and adapted to the support part to form e.g. a bayonet **lock**. Continuous inspection of the cooking food is possible, and there is no escaping steam.

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- PN - [DE2056945](#) A1 19720706
- PR - DE19702056945 19701119
- AP - DE19702056945 19701119
- DT - *; Rep
- CCI - [D06B17/06](#)
- TI - Festoon **steamer** - with support mechanism for loop-carrying rods at loop pick-up and discharge positions
- AB - Appts. for forming and transporting vertical loops of strip material, more esp. for carrying loops of textile strip through a steam treatment chamber ('festoon **steamer**'), of the type comprising an endless conveyor consisting of two chains or similar devices for circulating a series of loop support rods carried on the chains by their ends, together with a horizontal guide at the entrance and exit of which the chains can deposit the rods and lift them off respectively, but incorporating the feature that the chains carry support members in which the ends of the rods are enclosed on four sides and by which means are provided along the path followed by the chains - near the entrance and exit of the horizontal guide - which can each operate one of a pair of movable **lock** elements so that the ends of the rod are temporarily only supported on three sides.

112/118 © EPODOC / EPO

- PN - [CN2878920Y](#) Y 20070314
- PR - CN2006255280U 20060224

AP - CN2006255280U 20060224
 DT - I
 PA - QU JINPEI [CN]
 TI - Focusing adjustable streamer lamp
 AB - A focus adjustable streamer lamp comprising a lamp cup, a circuit board, a light source, a focusing convex mirror, a **lock** ring and a lamp holder, belongs to new **streamer** lamp type. The lamp is characterized in that an adjusting ring is also comprised, the adjusting ring has external screw thread that is connected with internal screw thread in the lamp cup, the focusing convex mirror is arranged out of the adjusting ring; annular heat radiating grooves with unequal diameters are arranged on the conical outer surface of the lamp cup; natural turn and reverse turn adjusting ring, the adjusting ring in the lamp cup hole can move inward or outward, the convex mirror and **lock** ring will also move inward or outward correspondingly, then the focus is adjusted; compared with the present streamer lamp that made of die-casting aluminum, and with nonadjustable focus, the new type streamer lamp is characterized in that first when the lighting distance is fixed, since the focus of this lamp is adjustable, the lighting scope and lighting intensity can be used according to actual need, which is convenient and scientific in using; the second character is that the annular heat radiating groove is adopted on the conical outer surface of the lamp cup, which is easy to process, and the lamp cup can be made of common aluminum.

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PN - [CN2772389Y](#) Y 20060419
 PR - CN2005230253U 20050323
 AP - CN2005230253U 20050323
 DT - I
 PA - SHEN ZHIQIANG [CN]
 TI - Draw food **steamer**
 AB - The utility model relates to a food **steamer** in food processing, particularly a novel draw type food **steamer**, which comprises a hollow box body, wherein the lower end of the box body is in an open type structure or a sealing type structure and the sealing end surface is provided with a certain number of air holes in certain shapes. One side surface of the box body is provided with a box door which is fixed on the box body through a clamping **lock**, the inner wall of the box body at both sides of the box door is respectively provided with certain layers of corresponding supporting slide rails from top to bottom, wherein food **steamer** lattices are arranged on the supporting slide rails and are provided with a certain number of air holes in certain shapes. The food **steamer** lattices can be drawn to move along the supporting slide rails and can enter and exit from the box door, and the upper part of the box body is provided with an air bleed valve. The space of the food **steamer** lattices of the utility model is adjustable, therefore the problems that high foods can not be steamed and low foods waste space are solved. The utility model has the advantages of high fuel utilization and energy saving.

114/118 © EPODOC / EPO

PN - [CN2740615Y](#) Y 20051116

PR - CN2004222826U 20040518

AP - CN2004222826U 20040518

DT - I

PA - WU SHENGMING [CN]

TI - Food **steamer** style liquid nitrogen freezing storing box

AB - The utility model relates to a food **steamer** style liquid nitrogen freezing storing box for storing cell freezing storing tube. The food **steamer** style liquid nitrogen freezing storing box comprises a freezing storing box cover (1), freezing storing boxes (2), a hook (3), a **lock** hook (4), and freezing storing tube supports (5) arranged in the freezing storing boxes. The freezing storing tube is inserted in the support (5). The freezing storing boxes like the food steamers of a **steamer** are telescoped into multi layers, covering the box cover; the hook (3) passing through the box cover and the hook ring arranged in one side of the freezing storing box are fixed on the hook fixed bolt (2. 5) of the bottom box of the freezing storing boxes, and the **lock** hook of the **lock** hook fixed bolt (2. 6) fixed in the other side of the bottom box is locked in the **lock** button (1. 3) of the box cover, making the multi layers of freezing storing boxes be fixed as an entirety to put in the liquid nitrogen tank and be hanged on the opening of the liquid nitrogen tank by the hook. Because the bottom plate of the freezing storing box is provided with a gap or pore space, the liquid nitrogen is easy to pass in and out of the freezing storing box. When using the tube, lifting the freezing storing box by the hook, opening the **lock** hook, opening the box cover or the freezing storing box in the next upper layer and rotating certain angle around the hook metal rod, the freezing storing tube can be easily taken out from or inserted in the freezing storing box in the next lower layer. The utility model has simple structure, large storing amount, and convenient operation of storing or taking out the freezing storing tube, and the utility model is firm and practical.

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PN - [CN2712224Y](#) Y 20050727

PR - CN2004200381U 20040109

AP - CN2004200381U 20040109

DT - I

PA - ZHANG JINGCAI [CN]

TI - Multifunctional pot

AB - The utility model discloses a multifunctional pot for cooking, comprising a pressure frying pot, a pressure pot cover, a steam drawer in the pot and a steam drawer on the pot. The bottom of the pressure frying pot is in circular arc shape, a frying pan handle and an auxiliary handle are arranged on both sides of the pressure frying pot, and a pressure cooker mouth tooth is arranged on the edge of the pot. Safety devices of a pressure controlled valve, a **lock** valve, a safety pin, etc are arranged on the pressure pot cover, a mouth tooth corresponding to the pressure frying pot is arranged on the edge inwards, and the mouth tooth can be laid flatly or be tightened to the pressure frying pot. The steam drawer in the pot is in thin sheet type, vent holes are arranged on the steam drawer in the pot and the steam drawer in the pot can be laid flatly in the 1/2 position in the frying pot; the steam drawer on the pot is in cylindrical shape, an inward inclined plane is arranged on the lower part of the steam drawer on the pot, vent holes are arranged on the bottom of the drawer, and the drawer can be placed on

the frying pot. When the pressure frying pot is used as a **steamer**, the steam drawer in the pot is arranged in the frying pot, the steam drawer on the pot is arranged on the frying pot, and the pressure pot cover is laid flatly on the steam drawer on the pot. The utility model collects a plurality of functions of the frying pot, the **steamer** and the pressure cooker as integration to make the utility model has the miscellaneous functions of stir-frying, steaming, boiling, and pressing, which makes the operation in the kitchen convenient.

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PN - [CN2273146Y](#) Y 19980128
 PR - CN1996202559U 19960217
 AP - CN1996202559U 19960217
 DT - I
 PA - YANGYULIAN [CN]
 TI - Tea cup with cipher **lock**
 AB - The utility model discloses a tea cup with a cipher **lock**, which is composed of a tea cup body, a tea cup cover body, and a cipher device, wherein, the open end of the tea cup body is provided with screwed convex ribs; the middle of the screwed convex rib is provided with a plurality of notches; the tea cup cover body is provided with slots with equal number of the screwed convex ribs; the inner of each slot is provided with a movable block, the outer side of the movable block is provided with indication lines, and the inner side of the movable block is provided with a notch; when the notches on the screwed convex ribs of the tea cup body move to the notch of each movable block in corresponding position, the tea cup can be locked by the movable block is shifted. The utility model solves the problems of sanitation and safety caused by that a tea cup or a rice **steamer**, etc. is optionally opened by others, and the utility model can be widely used for protecting the tea cup or the rice **steamer**.

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PN - [CN2153989Y](#) Y 19940126
 PR - CN1993208178U 19930402
 AP - CN1993208178U 19930402
 DT - I
 PA - LI YAOTANG [CN]
 TI - QUICK WRAPPER STEAM OVEN
 AB - The utility model relates to a quick wrapper steam oven, which is made of metal material. Four upright columns and a plurality of layers of fixedly connected steam tray stands are arranged on an oven body. Inner draw type steam trays are arranged on the stands, and steam channels are arranged between the stands and the oven body. The top part of the steam oven is provided with a steam exhaust hole, and a door of the steam oven is locked by a latch **lock**. The utility model has the advantages of strong processing ability, time saving and low energy consumption; compared with an existing bamboo food **steamer**, the processing ability is enhanced by three to four times, the time is saved by 60% to 70%, fuel is saved by 40% to 50%, and electricity is saved by 40% to 50%. The utility model has the advantages of sanitation, cleanness, convenient cleaning and high durability; the service life of the utility model is 10 to 15 times as

long as that of the bamboo food **steamer** .

118/118 © EPODOC / EPO .

PN - [CA2357600](#) A1 20020321

PR - US20000666082 20000921

AP - CA20012357600 20010920

DT - I

CCI - [A61H33/06](#)

CCA - [A61H2033/068](#) ; [A61H2035/004](#)

PA - AMENDT DARCYS [CA]

TI - IMPROVED STEAM CABINET AND METHOD OF MANUFACTURE

AB - A personal **steamer** comprising an assembly of three pieces: a base tub and liner tub and a lid. The liner tub is body-shaped to form a foot, a seat, a back and side walls forming a steam enclosure. A lid, hinged at the foot, can be pivoted to a vertical, low stress vertical position, or closed for use. The liner tub is formed of ABS and reinforced with fiberglass on its underside where it is protected from the steam. The liner tub is fitted into the base tub and foam ed together, forming a base assembly. Steam is conducted through a fitting in t he base tub, through a conduit to an outlet at the user's feet and discharged a t the lid, deflecting back into the enclosure. Conduits recirculate steam in the enclosure. A low-volume boiler in a portable steam generator is coupled with the cabinet for providing constant temperature steam very quickly. A vacuum-**lock** water reservoir provides water supply and fine level control.