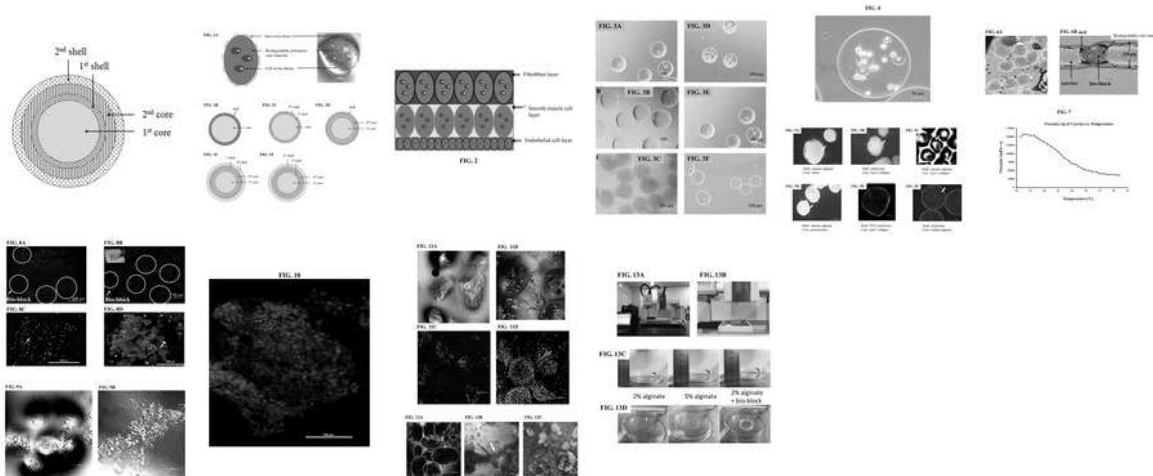
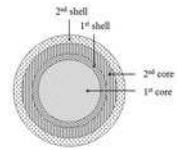


27 filtered results for ((cabin AND bio+))/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (chamber)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (work AND surface)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX) AND (A61L)/IPC - Collection: FAMPAT

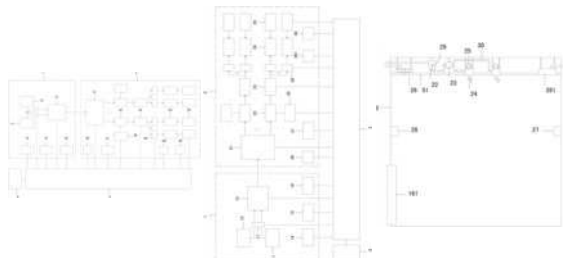
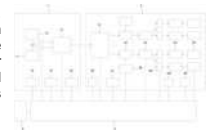
#	Title	Publication number	1st app. date	Applicant/Assignee	1st publ. date	Publ. date
1.	Compositions for cell-based three dimensional printing	WO2016161944	2016-04-06	REVOTECH SICHUAN REVOTEK* SICHUAN REVOTEK BIOTECHNOLOGY	2016-10-13	2016-10-13

A **bio-ink** composition comprises a plurality of **bio-block**, in which the **bio-blocks** can serve as basic building blocks in cell-based **bioprinting**. The **bio-blocks**, pharmaceutical compositions comprising the **bio-blocks**, methods of preparing artificial tissues, tissue progenitors, or multi-dimensional constructs, and methods of preparing the **bio-blocks** are also provided. The **bio-blocks**, and the multi-dimensional constructs, artificial tissues, and tissue progenitors comprising the **bio-blocks** or prepared by the methods described herein are useful for tissue engineering, in vitro research, stem cell differentiation, in vivo research, drug screening, drug discovery, tissue regeneration, and regenerative medicine.



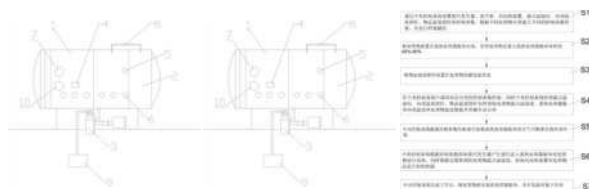
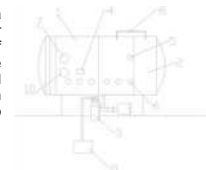
2.	Method for sterilizing the sterilization system and method for cleaning the cabin	CN108543102	2018-07-02	ANHUI PROVINCE FOOD & MEDICINE INSPECTION RESEARCH INSTITUTE*	2018-09-18	2018-09-18
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A method for cleaning and sterilization method of sterilizing a cell system, to clean the **cabin** sterilization technology field. A sterilization system mainly includes an indoor unit, outdoor unit, and a power supply controller and respective means is operative to implement controller; sterilants or protective agent delivered to the dispensing valve through the transfer pump, separate liquid flow path through the dispensing valve for different cleaning grouped into groups using cell; **biocidal** agent or protective agent will enter the shunt from the dispensing valve reservoir, in order that an antimicrobial agent or protective agent through slow pump and the 2nd solenoid valve is delivered to the injector assembly, through the operation of the turbine impeller fan end, through the showerhead assembly to clean the discharge within the cell. According to clean the **cabin** area and structure can be disposed one or more groups of the indoor unit, can be flexibly combined and control. Simple operation method of sterilization, the sterilization efficiency is high, in combination with a clean purge blower system of the cell, it is possible to achieve full unattended automated sterilization and residual row processing.



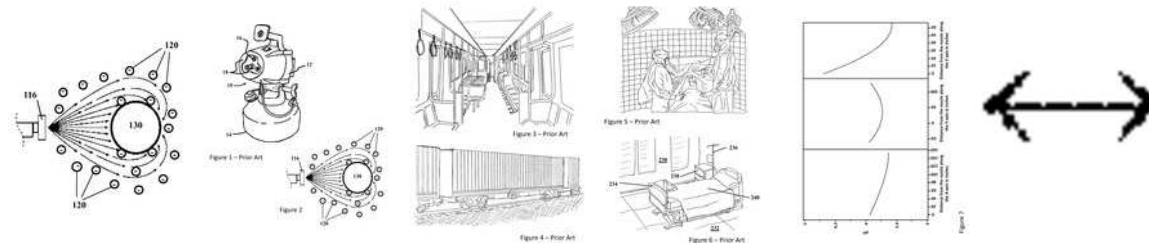
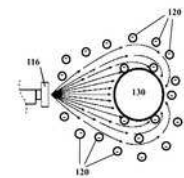
3.	Vacuum steaming treatment device and method thereof	CN107233586	2017-08-03	ANIMAL & PLANT INSPECTION & QUARANTINE TECHNOLOGY CENTER OF SHENZHEN ENTRY EXIT INSPECTION & QUARANTINE BUREAU*	2017-10-10	2017-10-10
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The invention discloses a vacuum steaming treatment device and a method thereof. The device comprises a steaming treater **cabin**, a steam generator, a vacuum pump, a dew-point instrument, an internal temperature probe, an object temperature probe, an internal heating device, a fan and a center control system, wherein the steam generator is fixedly arranged outside the steaming treater **cabin** and is communicated with the inside of the steaming treater **cabin**; the vacuum pump is communicated with the inside of the steaming treater **cabin** through a pipeline; the dew-point instrument, the internal temperature probe, the internal heating device and the fan are arranged inside the steaming treater **cabin**; the object temperature probe is arranged inside a treated object, and the steam generator, the vacuum pump, the dew-point instrument, the internal temperature probe, the internal heating device, the fan and the object temperature probe are connected with the center control system. The device has high speed and high efficiency when being used for a harmless quarantine treatment method, is safe and environment-friendly, has small injury for the treated object, is simple and convenient to operate, can be used for recording in details, has high temperature accuracy and uniform temperature of each area.



4. **Methods and system for disinfection** WO2017205649 2017-01-06 MARKESBERY BLUE PEARL* 2017-11-30 2017-11-30

The present disclosure relates to methods and system for disinfecting surfaces within a volumetric space by forming peracids in a reaction layer in situ directly on the surfaces to be disinfected. Particularly, a peroxide compound and an organic acid compound are sequentially dispersed into the volumetric space, preventing peracids from being formed until the two reactants contact each other on the **surface** to be disinfected. Peracid reactant compounds may be dispersed as electrostatically charged droplets or as a vapor. In particular, a system for sequentially dispersing the peracid reactant compounds by electrostatic spraying is provided.



5. **Antibacterial protective pad** CN106620814 2017-02-19 AI YUN BIOTECHNOLOGY* 2017-05-10 2017-05-10

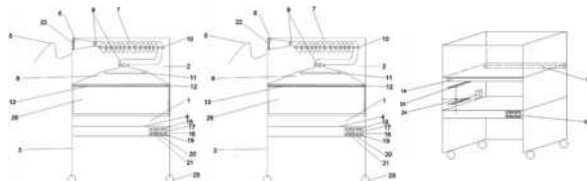
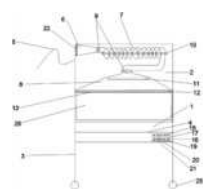
The invention discloses an antibacterial protective pad, comprising a **surface** layer; the **surface** layer is sprayed with an antibacterial agent, and the antibacterial agent is prepared from the following raw materials: water-soluble chitin, honeysuckle flower essential oil, wormwood essential oil, glycerin, ascorbic acid, alanine, glycine, a **surface** active agent, plant antibacterial agents and water. After the antibacterial agent containing the chitin is sprayed onto a **surface** layer material of the antibacterial protective pad, the antibacterial protective pad has an inhibiting effect for multiple bacteria and fungi, and has the advantages of being efficient in antibacterial function, breathable and comfortable, and good in heat dissipation; the chitin can stimulate the nerve type dilation of capillaries so as to improve microcirculation; furthermore, the antibacterial protective pad has no stimulation to skin and protects the health of women.

抗菌剂名称	抗菌剂含量	抗菌剂含量
抗菌剂 1	1.0-1.5%	1.0-1.5%
抗菌剂 2	1.0-1.5%	1.0-1.5%
抗菌剂 3	1.0-1.5%	1.0-1.5%
抗菌剂 4	1.0-1.5%	1.0-1.5%
抗菌剂 5	1.0-1.5%	1.0-1.5%

抗菌剂名称	抗菌剂含量	抗菌剂含量
抗菌剂 1	1.0-1.5%	1.0-1.5%
抗菌剂 2	1.0-1.5%	1.0-1.5%
抗菌剂 3	1.0-1.5%	1.0-1.5%
抗菌剂 4	1.0-1.5%	1.0-1.5%
抗菌剂 5	1.0-1.5%	1.0-1.5%

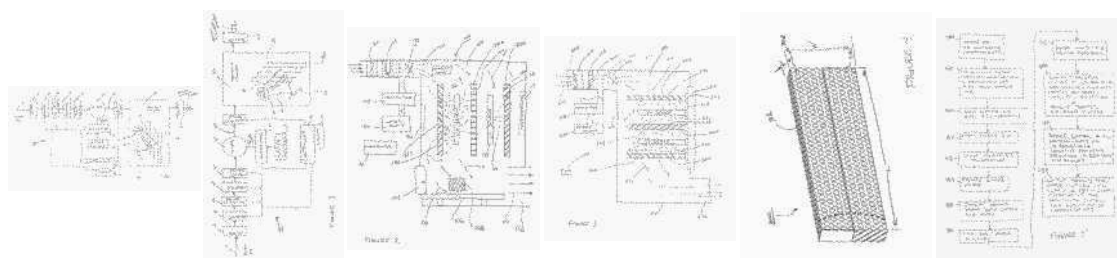
6. **Clean bench** CN208049984 2018-02-02 QINGDAO ENTRY EXIT INSPECTION & QUARANTINE BUREAU OF P R C* 2018-11-06 2018-11-06

The present utility model discloses a clean bench, comprising a **cabin**, a control cabinet and the supporting frame, an operator cab of the **work surface** to include a rectangular cabinet, in an operating room is provided above the cabinet control, the air inlet side of the cabinet is provided with a control, the intake vent is coupled to a screw-type air duct, the duct is located within the cabinet control, an air outlet at the other end of the chimney is provided, an air inlet and air outlet are provided at the air duct to a blower, the spiral curved air duct enclosed by the intermediate position in the tank through the UV lamp is provided, in the air passage of the electric auxiliary heat means is provided in the air inlet, through the filtration device and successively outwardly from the air inlet with a vent communicating with the **chamber** and a partition plate. The present utility model through the inlet and outlet ports of the double-layer filter and an ultraviolet lamp for sterilizing, disinfecting thoroughly, electric auxiliary heater warm air blowing through the formation, reduce physical harm to the operator that.



7. **Method and device for enhancing the reduction of pathogens, allergens and odor-causing agents** US20180250431 2017-03-01 DBG INVEST* DBG INVESTMENTS 2018-09-06 2018-09-06

Disclosed are methods and apparatus that help reduce and prevent infection by controlling and/or reducing the level of contaminants, which include pathogens, allergens and/or odor-causing agents including VOCs. Photocatalytic oxidation is performed in a high humidity environment so that hydrogen peroxide molecules are readily produced.



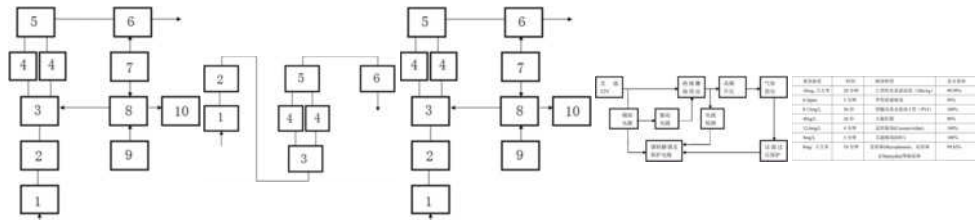
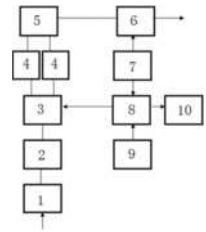
12. Ambulance ozone disinfection device based on molecular sieve oxygen generation CN205849850

2016-05-13

SHANDONG KEHUA HEALTH TECHNOLOGY*

2017-01-04 2017-01-04

The utility model discloses an ambulance ozone disinfection device based on molecular sieve oxygen generation, including air cleaner, compressor, solenoid valve, adsorption equipment, oxygen jar and the ozone generator who connects gradually, adsorption equipment includes two at least parallelly connected adsorption towers that set up, and the adsorption tower intussusception is filled with drier and molecular sieve, and the adsorption tower is **work** in turn, realizes going on in succession of **work**. The utility model discloses utilize high concentration oxygen that molecular sieve pressure swing adsorption system oxygen technique produced as ozone generator's source of admitting air, the ozone concentration is high, and it is effectual to disinfect. Utilize the ambulance generator as power, constitute the high -voltage high -frequency discharge circuit through contravariant, measure such as step up, need not not drag the power, it is convenient, reliable.



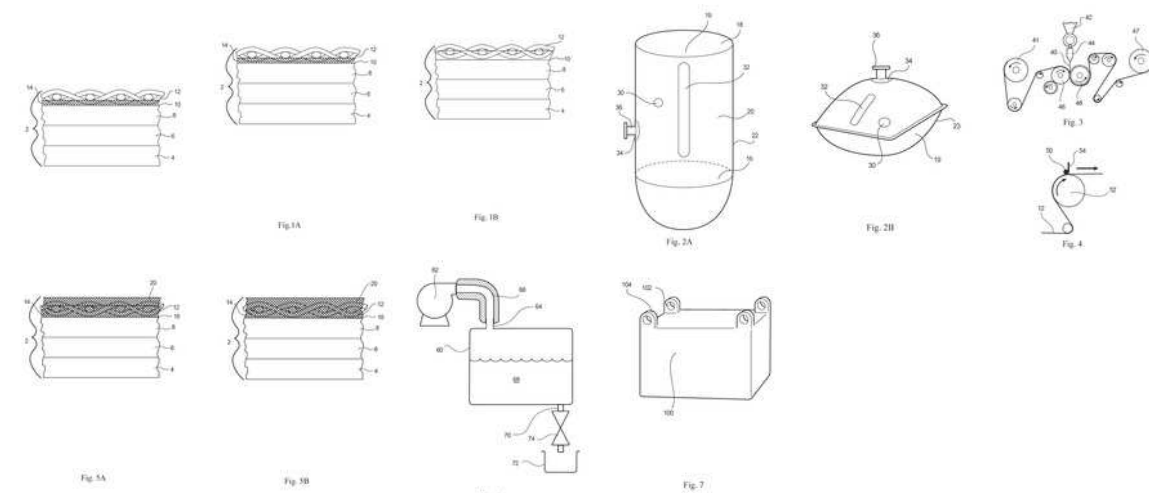
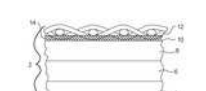
13. Abrasion resistant film for biocontainers CA2973473

2016-03-22

EMD MILIPORE*

2016-09-29 2016-09-29

A **biocontainer** film enhanced with an abrasion resistant or "cut-proof" substrate. Such substrates can be combined with current **biocontainer** materials, via various techniques of embedding, coextrusion or laminating, to maintain the cleanliness and low extractables already validated for **biotech** manufacturing. The substrate of choice may be constructed from materials known to be more resistant to abrasion and sharp razor type cuts or from materials oriented in such a way to prevent puncture to occur. The new substrate must also be flexible to allow for typical folding as demonstrated by current packaging practices. The new substrate may be constructed from materials other than polymers such as metal, glass or carbon or in combination with polymers. A non-constrained pressure test is also disclosed.



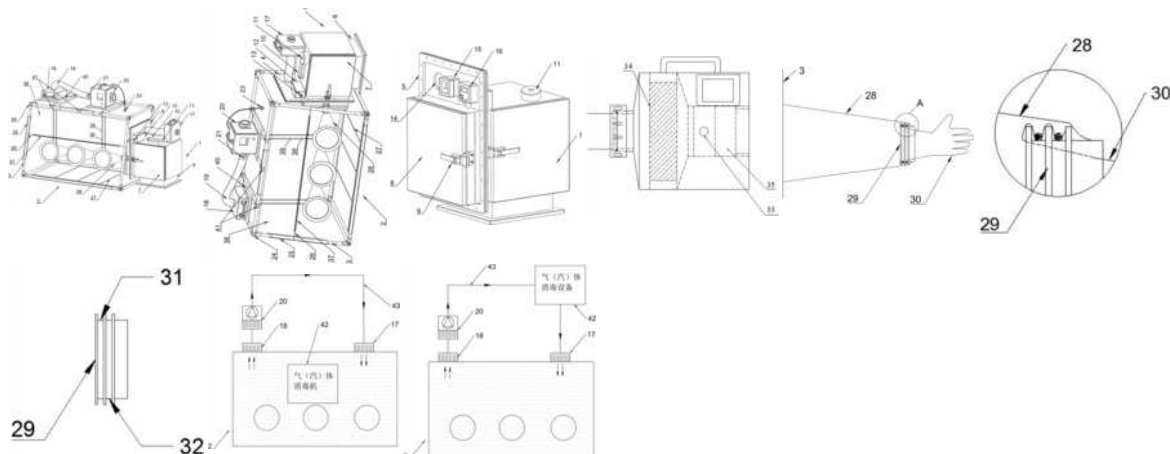
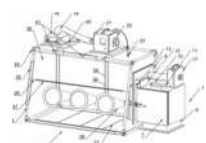
14. Biological safety isolating device CN107930704

2017-12-22

INSTITUTE OF MEDICAL EQUIPMENT THE ACADEMY OF MILITARY MEDICAL SCIENCES*

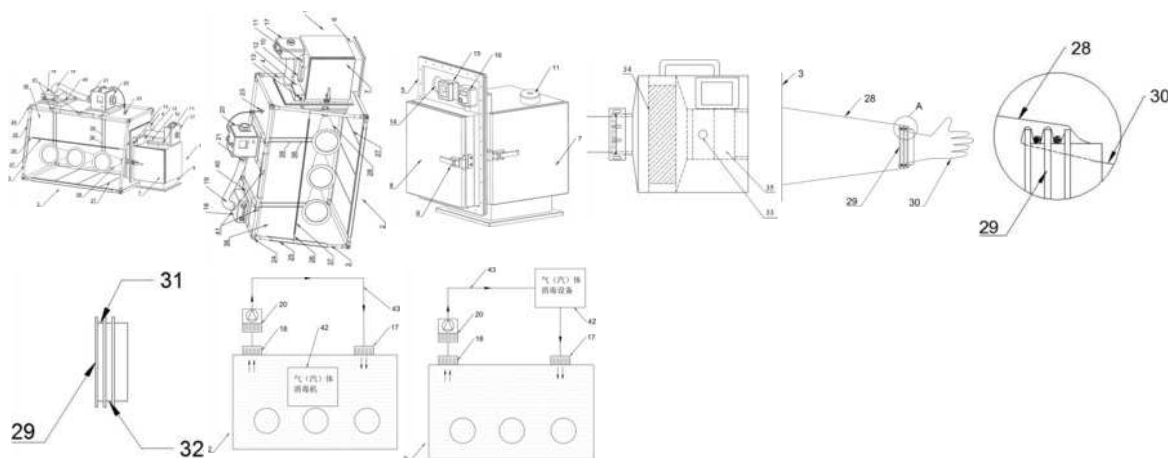
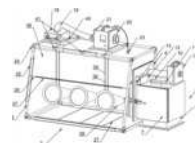
2018-04-20 2018-04-20

The invention discloses a **biological** safety isolating device. The **biological** safety isolating device comprises an air tight transferring window, a flexible negative pressure operating **cabin**, an air supply high efficiency filter, a first stage air-discharge high efficiency filter, and a second stage air-discharge high efficiency filter unit; the air tight transferring window comprises a window body; the flexible negative pressure operating **cabin** comprises a **cabin** body and a detachable support framework; the **cabin** body is a flexible film **cabin** body; the air supply high efficiency filter is arranged outside the **cabin** body, and is communicated with the internal part of the **cabin** body; the first stage air-discharge high efficiency filter is arranged outside the **cabin** body, and is communicated with the internal part of the **cabin** body; the second stage air-discharge high efficiency filter unit is arranged outside the **cabin** body, and comprises a second stage air-discharge high efficiency filter and a blower fan; the two ends of the second stage air-discharge high efficiency filter are communicated with the first stage air-discharge high efficiency filter and the blower fan respectively. The **biological** safety isolating device is flexible, is safe, and is reliable, is high in environment adaptability, and can be used for pathogenic organism isolation operation under negative pressure states.



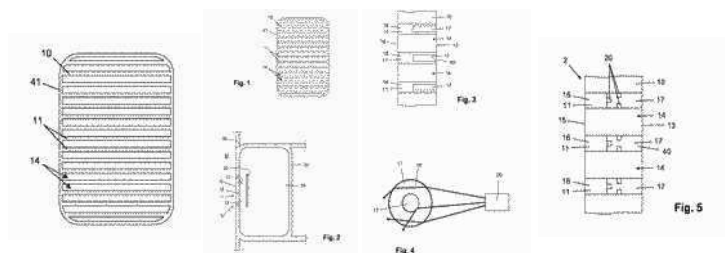
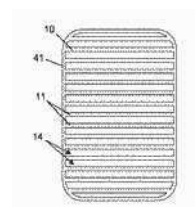
15. **Biological safety isolation device** CN207913788 2017-12-22 INSTITUTE OF MEDICAL EQUIPMENT THE ACADEMY OF MILITARY MEDICAL SCIENCES* 2018-09-28 2018-09-28

The present utility model discloses a **biological** safety barrier device, include an airtight transfer window, a flexible suction operating **cabin**, blowing a high efficiency filter, primary and secondary exhaust high-efficiency filtration device moving the high efficiency filter, the transfer window comprises a window air-tightness, operating **cabin** includes a **cabin** and a removable flexible support frame under pressure, into the pod flexible membrane tank; high efficiency filter disposed in the **chamber** outside air, the blower in communication with the interior of the **cabin** high efficiency filter; primary exhaust filter provided on the outer pods high efficiency, high efficiency filter and the primary ventilation between the interior of the pod; provided in the secondary exhaust high efficiency filter outside the nacelle, includes a two-stage exhaust filter and blower efficiency, high efficiency filter both ends respectively to the two-stage exhaust filter and blower communicates with the primary exhaust air with high efficiency. The **biological** safety isolation device moves flexibly, safe and reliable, wide adaptability of the **biological** safety isolation device environment, the negative pressure state can be used to isolate pathogenic microorganisms operation.



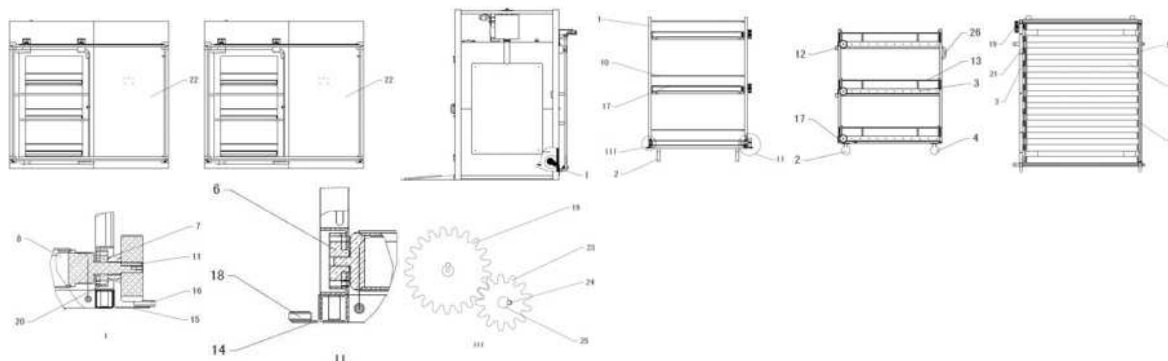
16. **A vessel having a compartment for containing water** WO2017071995 2016-10-19 PHILIPS* 2017-05-04 2017-05-04

A vessel has a compartment (34) for containing water, which compartment (34) has at least one opening (31) in a wall (30) thereof for allowing water to pass therethrough. The compartment (34) comprises an assembly (1) of a grating (10) and at least one anti-biofouling source (20), the grating (10) being positioned in the opening (31) for blocking items from passing through the opening (31) along with the water, and comprising a number of elements and spaces between the elements, and the anti-biofouling source (20) being configured to emit ultraviolet light during operation thereof for realizing anti-biofouling of at least a portion of the grating (10). At least one of the elements of the grating (10) is at least partially transparent to the ultraviolet light, enabling a design of the assembly (1) in which anti-biofouling of the entire grating (10) may be guaranteed.



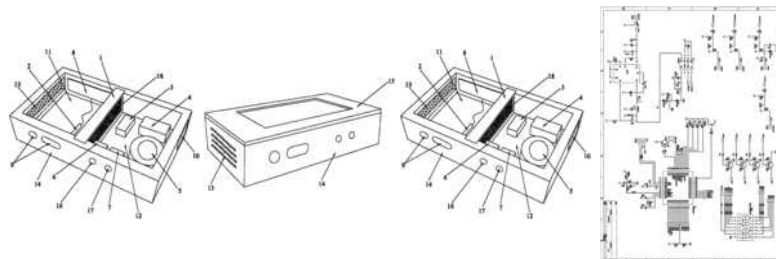
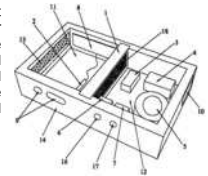
17. **Automatic departure system suitable for sterile delivery chamber** CN207726123 2017-12-29 SHANDONG SHINVA MEDICAL INSTRUMENT* 2018-08-14 2018-08-14

One suitable for use in a sterile transfer bay of an automatic ride system, which belongs to the field of aseptic delivery pod technology devices. Including sterile inner body and an inboard drive mechanism, the transfer mechanism horizontally disposed within the sterilization cart, a drive mechanism for driving the carrying mechanism rotates within the **chamber**, disinfecting the inner vehicle includes a frame, the frame of the plurality of spaced apart vertical transport mechanism, transport mechanism includes a plurality of rollers, in this order along the conveyance direction of the plurality of rollers arranged to rotate actuator, disposed within the end of the V-ribbed belt which rotates through, inboard drive mechanism and the conveyance mechanism are the same number, which includes the pinion drive mechanism for the **cabin**, peace bond motor, the pinion gear is provided in a sterile transfer the outboard side, disposed in between and with the motor output shaft to the motor and the flat key, the front end of the conveyor roll end portions are provided greater gear, meshing with a pinion. It is possible to secure a reliable, convenient to operate, takes less **work**, **biodegradation** is greater, and high **work** efficiency, reducing the clean room door opening times, minimizing contamination of the clean zone.



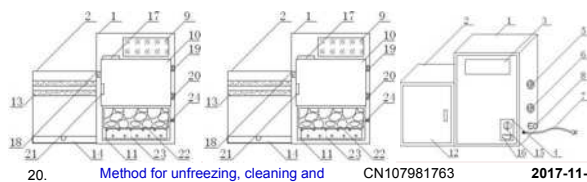
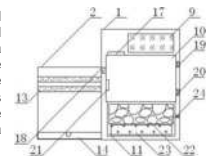
18. On-vehicle clarifier of intelligence CN205344452 2016-01-28 SHENZHEN CHEYANGWO ELECTRONIC TECHNOLOGY* 2016-06-29 2016-06-29

The utility model discloses an on-vehicle clarifier of intelligence, wherein, which comprises an outer shell, the filter screen, the control scheme board, still include the ultraviolet lamp who links to each other with control scheme board electrical property, anion generator, a diving pump and an ozone generator, induced -draft fan, human sensor, the air monitor, touch key and LED display screen, the filter screen separates the shell become into, the exhaust **chamber**, the air inlet housing is opened there is the air inlet, the exhaust **chamber** is opened there is the gas vent, ultraviolet lamp adorns in the air inlet housing admittedly, anion generator, a diving pump and an ozone generator, induced -draft fan, human sensor, the air monitor is solid the dress in the exhaust **chamber** all, induced -draft fan installs on the gas vent, human sensor, probe on the air monitor all has the shell and exposes outside the shell, touch key and LED display screen are all solid to be adorned on the conch wall of shell and exposes on the outside of shell. The utility model discloses simple structure, air purification are effectual, but and intelligence switch to can make the people open the door into the car can enjoy immediately and purified the air.



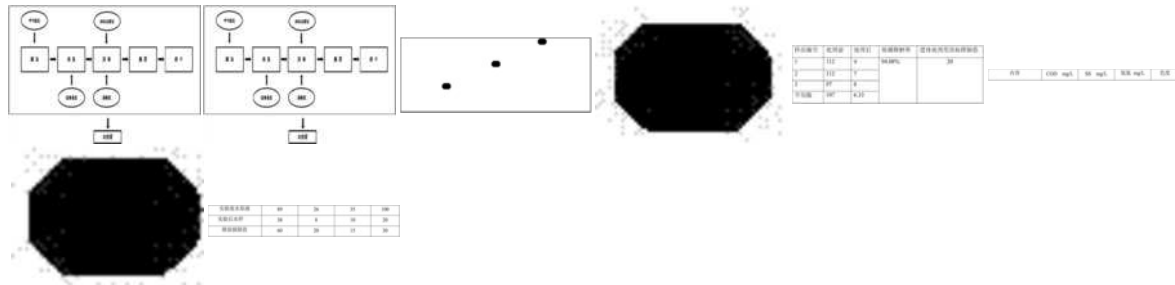
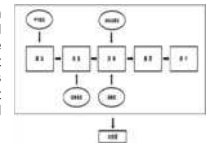
19. Bath boiler with disinfection function CN106016711 2016-06-28 HARBIN JINJING BOILER* 2016-10-12 2016-10-12

The invention discloses a bath boiler with a disinfection function. The bath boiler comprises a boiler body and a disinfection cabinet, wherein the disinfection cabinet is disposed on the left end of the boiler body; a touch screen is disposed on the upper end of a front **surface** of the boiler body; a control area is disposed at the right side of the lower end of the front **surface** of the boiler body; a water inlet, a water outlet, a power line and a gas inlet are sequentially formed in the right side of the boiler body from top to bottom; a control cabinet is disposed on the upper end inside the boiler body; a water tank is disposed on the lower end of the control cabinet; a combustion **chamber** is disposed on the lower end of the water tank; a disinfection cabinet door is disposed on the front **surface** of the disinfection cabinet; two hanging rods are disposed on the upper end inside the disinfection cabinet; a cleaning **cabin** is disposed on the bottom end inside the disinfection cabinet. The bath boiler with the disinfection function disclosed by the invention is high in heat efficiency, efficient and energy-saving, stable in quality, safe and reliable; the use cost is saved; the bath boiler is ignited by electronic impulses, a one-key type switch is adopted, thus the bath boiler is simple and rapid to operate; steam generated by heating water enters into the disinfection cabinet and can sterilize and disinfect a towel and the like, thus the bath boiler is multifunctional.



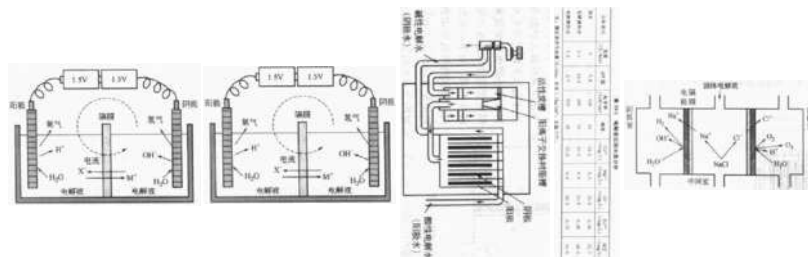
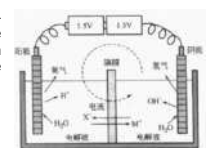
20. Method for unfreezing, cleaning and maintaining remains CN107981763 2017-11-23 101 RESEARCH INSTITUTE MINISTRY OF CIVIL AFFAIRS* 2018-05-04 2018-05-04

The invention discloses a method for unfreezing, cleaning and maintaining remains. The remains are placed into a closed **cabin**, low-temperature and high-humidity air which is circulated forcibly is used for swaying the surfaces of the remains, uniform airflow distribution is formed on the surfaces of the remains through the high-humidity airflow, and the remains are unfrozen through heat exchange; the water spraying cleaning mode is utilized, and all-directional spraying and cleaning are performed on the back faces, the front faces and the side faces of the remains; then, the ozone disinfection technology is adopted for performing disinfection treatment on the environment inside a remains agent device; then, warm steam is adopted for performing stifling and maintaining on the surfaces of the remains; exhaust gas and wastewater generated in the operation process are discharged into an exhaust gas and wastewater treatment system, and discharged after treatment. According to the method, the face cosmetic requirement can be met through epidermis unfreezing within 90 min; in the remains unfreezing process, no damage is caused to the remains; the testing process can be monitored through avial window; the whole process is performed inside the closed space, and no waste liquid or exhaust gas escapes; the wastewater and exhaust gas treatment links are executed, and no damage is caused to the environment.



21. Functional water and multiple application methods thereof CN105753110 2016-04-27 SHANDONG FULAI ENVIRONMENTAL PROTECTION TECHNOLOGY* 2016-07-13 2016-07-13

The invention relates to electrolyzed water, in particular to functional water and multiple application methods thereof. The high-concentration acidic functional water is high-concentration acidic water; the high-concentration alkali functional water is high-concentration alkali water, and the application methods of the functional water comprise the application method of the functional water in livestock farming, the application method of the functional water in air purification, the application method of the functional water in life use and the application method of the functional water in disinfection. According to the functional water with the low sodium ion content and the application methods of the functional water, the advantages of being wide in application and good in effect are achieved, and the problems generated in traditional methods are solved.



25. Multi-functional anion seat cushion for household use or automobile use CN106671842 2017-02-15 SHANDONG XINHAI NEW MATERIAL* 2017-05-17 2017-05-17

The invention discloses a multi-functional anion seat cushion for household use or automobile use. The multi-functional anion seat cushion for household use or automobile use comprises a seat cushion unit or a plurality of seat cushion units which are spliced together, wherein the seat cushion unit comprises a top soft layer, an anion plastic stone plate hard interlayer and a bottom anti-skid soft layer in sequence from top to bottom, wherein the anion plastic stone plate hard interlayer can release anions; and the thickness of the anion plastic stone plate hard interlayer capable of releasing anions is XX-XX cm. An environment-friendly healthy type automobile foot mat disclosed by the invention has the advantages of simple structure and convenient use. According to the multi-functional anion seat cushion for household use or automobile use, by using an advantage that the seat cushion is placed in a cab or indoors for a long time and a characteristic that a plurality of anions can be released, cigarette smell, off-flavor and odor in indoor air or cab air are eliminated; by inhaling air containing more anions at ordinary times, drivers and passengers can be kept clear-minded during driving; and when people inhale air containing more anions at home at ordinary times, the immune capabilities of people can be improved to keep physical and mental health.

