

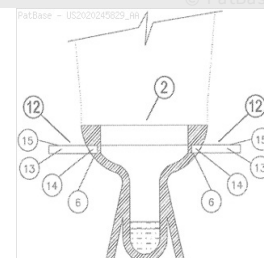
1) Family number: 73042436 (US2020245829 AA)

TOILET BOWL WITH FOOT SUPPORT FOR MULTIPURPOSE USE

Abstract: Source: US2020245829 AA Toilet bowl with foot support for multipurpose use, which combines the traditional toilet bowl and the traditional squat toilet, to offer a single sanitary fixture that provides a functional structure for use in the traditional position, seated with the feet on the floor, and while squatting, which comprises two foot supports on each side of the pre-formed toilet bowl, forming a single body; a second modified toilet bowl model, wherein the foot supports are formed by later inserting a set of solid pre-formed bars into the openings on each side of the modified toilet bowl. The invention provides a folding handle connected to the openings in the toilet bowls and; complemented, to facilitate the use of the invention, by a fixed grab bar/s screwed to the vertical sidewalls.

Probable Assignee: BASAMENTO DE ALQUILERES S L

Earliest Publication Date: 20190129



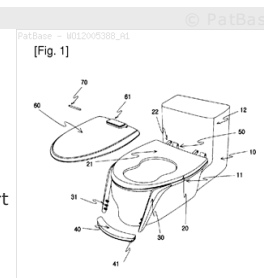
2) Family number: 50473453 (WO12005388 A1)

TOILET SEAT FOR PROVIDING A CROUCHING POSITION

Abstract: Source: WO12005388 A1 1. Technical field of the invention within the scope of the claim: Toilet seat for enabling a crouching position to be assumed 2. Technical problem to be solved by the invention: When a typical toilet seat is used, the anorectal angle is decreased by the puborectalis muscle and evacuation is made difficult, thereby causing constipation and hemorrhoids. This problem is solved by the present invention. 3. Summary of the solution to the problem: A toilet seat for enabling a natural crouching position on a toilet bowl includes: a seat (20) including a buttock contact that is slightly recessed; a plurality of foot support legs (30) for supporting a foot support on which the legs of the user are placed such that his/her knees are tucked close to the chest; a plurality of locking pins for adjusting the height of the foot support (31); said foot support (40); a plurality of adjustment holes (41) for fitting the foot support on the locking pins of the foot support legs; a plurality of fixing bolts/nuts (50) for fixing the toilet seat to a toilet (10); a cover (60); and a connecting pin (70) for connecting the cover to the toilet seat. 4. Purpose of the invention: The toilet seat easily and conveniently provides a crouching-position-enabling function to a typical toilet.

Probable Assignee: VIG INC

Earliest Publication Date: 20120112



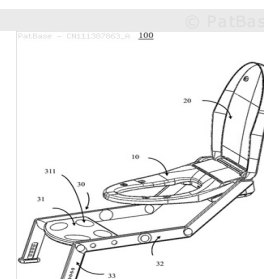
3) Family number: 79885733 (CN111387863 A)

FOLDABLE FOOT PADS AND FOOT PAD WITH A FOLDABLE SEAT AND THE TOILET LID (MACHINE TRANSLATION)

Abstract: Source: CN111387863 A The present invention discloses a collapsible foot pads and foot pad with a foldable seat and the toilet lid, said foldable foot foot support plate and folded plate includes a connection mechanism, said foot support plate is connected by the folding mechanism folding storage; the foot pad with a foldable toilet lid by changing the length of the load-bearing leg, you can change the foot support plate and the height difference between the inner and outer races, convenient for the elderly and children to use. At the same time, the use of foldable foot pad, you can make the person's leg between the body produce in favor of faeces fall and discharge of elevation angle, so as to have constipation or defecation defecation difficult crowd provides convenience. Mounted on the weak signal acquisition circuit of the toilet lid, you can people use toilet when collecting human leg, ECG, even dry winter, you can effectively extract the human ECG.

Probable Assignee: MING WANG DRY

Earliest Publication Date: 20200710



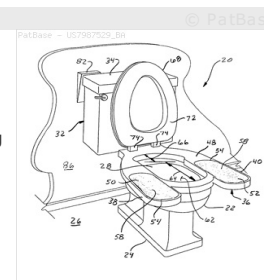
4) Family number: 49367919 (US7987529 BA)

METHOD AND APPARATUS FOR DEFECATION AND URINATION

Abstract: Source: US7987529 BA An apparatus for discharging bodily wastes has a receptacle for holding a person's bodily waste products, including an upwardly facing opening for receiving the waste products. A forward load-bearing member extends from the receptacle to provide a support for at least one foot of a person discharging waste products into the receptacle. A rear load-bearing member arranged to engage the lower torso of the person above the buttocks when the person has at least one foot in the forward load-bearing member. The rear load-bearing member and the forward load bearing member are spaced apart a distance that is sufficient to hold a person therebetween with the person's buttocks suspended over the opening of the receptacle and the person's center of gravity behind the one foot supported in the forward load bearing member.

Probable Assignee: WISE DAVID

Earliest Publication Date: 20110802



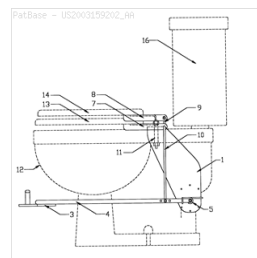
5) Family number: 29018139 (US2003159202 AA)

FLIP YOUR LID AND TOILET SEAT OPENER

Abstract: Source: US2003159202 AA A no hands toilet lid and seat opening and closing mechanism consisting of a saddle like mounting bracket having pivot arms, secured by existing lid and seat hinge bolts through rearward holes at end of typical existing toilet bowl rim having a seat or lid and seat. Two ends at the rear of the foot levers are pivotally coupled to the pivot arms, one on each side of mounting bracket, this allows the lid foot lever and the seat foot lever to swing downward, pulling on four connecting rods, two on each side, with two ends, the bottom end of the rods fastens to the two foot levers, the top end of the rods fastens to the lid and seat brackets. The downward movement of the rods fastened at the rear of the lid and seat brackets which are bonded rearward to underside of existing toilet lid and seat in front of and parallel to lid/seat hinge assembly, to pivot on existing toilet lid and seat hinges thus raising lid and seat together by pushing the seat foot lever or separate by pushing the lid foot lever. Installed on the pivot arms with the two foot levers are two coiled springs, one on each pivot arm, with one end of said spring secured to pivot arm mounting bracket and other end secured to foot levers. The tuned springs aid in allowing the seat and lid to raise easily, to prevent banging the existing tank and to lower the seat and lid gently to prevent slamming existing toilet bowl when foot levers are applied to open or close seat or lid and seat.

Probable Assignee: HAMMOND STEPHEN J

Earliest Publication Date: 20030828



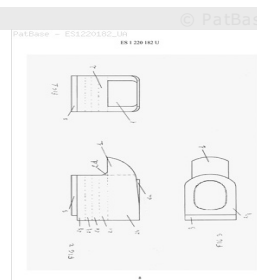
6) Family number: 71860330 (ES1220182 UA)

TOILET WITH FOOT SUPPORT, FACILITATING THE RELAXATION OF THE PUBORECTALIS MUSCLE (MACHINE-TRANSLATION BY GOOGLE TRANSLATE, NOT LEGALLY BINDING)

Abstract: Source: ES1220182 UA Toilet characterized by having a support for the two feet, coupled to the toilet bowl (2), forming a whole piece. (Machine-translation by Google Translate, not legally binding)

Probable Assignee: PRADOS OSUNA JIMENEZ JOSE IGNACIO

Earliest Publication Date: 20181108



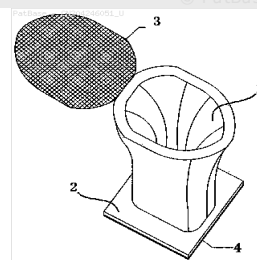
7) Family number: 58948977 (CN204246051 U)

MOVABLE TOILET BOWL

Abstract: Source: CN204246051 U Provided is a movable toilet bowl. The movable toilet bowl comprises a bowl body of the toilet bowl, a base and a surface cover. The integrally-formed bowl body, cylindrical in shape, has a large top and a small bottom. The surface cover is installed at the top of the bowl body. The base is arranged at the bottom of the bowl body. The bottom of the base is provided with an anti-skidding layer. The movable toilet bowl has following beneficial effects: a squatting pan can be conveniently changed to be the toilet bowl; the toilet bowl can be also conveniently moved as the squatting pan when not in use; the bowl body is integrally formed and conveniently cleaned; the surface-contact base is superior to a point-contact support foot; and the anti-skidding layer arranged below the base does not easily slide so that the safety coefficient of the movable toilet bowl is remarkably improved.

Probable Assignee: STATE GRID CORP CHINA

Earliest Publication Date: 20150408



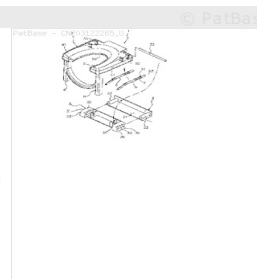
8) Family number: 54582508 (CN203122265 U)

TOILET BOWL

Abstract: Source: CN203122265 U The utility model discloses a toilet bowl. The toilet bowl is provided with a base. An adjusting base which can move back and forth is connected in front of the base in a matched mode. The adjusting base stretches forwards to form a top connecting part. An arc-shaped protruding connecting edge is arranged at the front end of the top connecting part in a curve mode. The adjusting base is connected with a seat cushion in a pin joint mode, wherein the seat cushion can be lifted upwards and parallelly screwed. The seat cushion is provided with a seat strip which stretches forwards in a dividing mode. The seat strip is bent backwards to form a curve part, an accommodating connecting chamber is sunken on the seat cushion, a telescopic rod is arranged in the accommodating connecting chamber in an inserting mode, the telescopic rod is provided with a spring which can be reversely pushed in an abutting mode, and the telescopic rod is provided with a touch connecting part, wherein the touch connecting part utilizes reversed thrust of the spring to tightly press and abut the protruding connecting edge. A foot support which can swing downwards and cab be folded upwards is connected on the front edge of the seat strip of the seat cushion in a pin joint mode, and therefore the fact that the foot support which can swing downwards can support the seat cushion which is parallelly screwed to enable people to sit and use is better than the basis. The toilet bowl is especially suitable for people who have severe diseases, are physically handicapped, are weak in constitution, and move inconveniently because of injury.

Probable Assignee: WANG CHUNGUI

Earliest Publication Date: 20130814



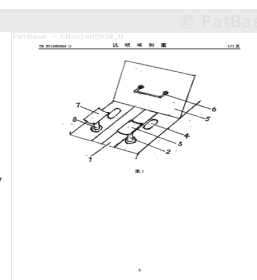
9) Family number: 45099836 (CN201485934 U)

SEAT-TYPE PUBLIC TOILET

Abstract: Source: CN201485934 U A seat-type public toilet adopts the technical scheme that support feet are arranged in the squatting position of a squatting type public toilet; a protection handle is fixed on a baffle plate in front of the squatting position; the support feet are fixed in the squatting position on two sides of a toilet slot; and a regular seat board is fixed at the upper end of each support foot. When the seat-type public toilet is used, a user stands in front of the seat board, looses the belt and squats, so that the traditional sitting mode of taking the seat by bottom is changed into taking the seat through thigh in contact with the regular seat frame. By adopting the technical scheme, the public toilet can avoid the infection of dermatosis and cypridopathy, saves the effort of two legs when lowering, and brings convenience for the aged, and people who are inconvenient to move and unable to lower down stably to go to the public toilet.

Probable Assignee: JIJUN CHEN

Earliest Publication Date: 20100526



TOILET (MACHINE-TRANSLATION BY GOOGLE TRANSLATE, NOT LEGALLY BINDING)

Abstract: Source: ES1231789 UA Toilet, which has a cup (1) with a front part, characterized in that it comprises a retractable foot support (3) in the front of the base of the cup (1). (Machine-translation by Google Translate, not legally binding)

Probable Assignee: JAVIER GARCIA MOLINA

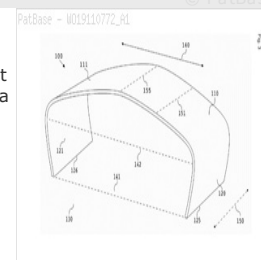
Earliest Publication Date: 20190702

FOOTREST FOR SUPPORTING A SQUATTING POSITION

Abstract: Source: WO19110772 A1 A footrest designed to support a squatting position during seated- position toilet use. The footrest is comprising two base sections B and B' that are, under normal conditions of use, in contact with a supporting surface and two foot-support sections S and S' adjacent to said base sections. S and S' have an outer surface curved downwards in the longitudinal extension direction towards said base sections B and B'.

Probable Assignee: DILL DIETER ROMAN

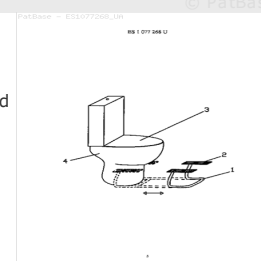
Earliest Publication Date: 20190612

**PORTABLE FOOT SUPPORT PERFECTED, APPLICABLE IN TOILETS (MACHINE-TRANSLATION BY GOOGLE TRANSLATE, NOT LEGALLY BINDING)**

Abstract: Source: ES1077268 UA Improved portable foot support, applicable in toilets, of those intended to be used as support links of the feet (2) of a user, in order that their legs to remain sitting on the tablet of a toilet (3), are flexed and at the same time this flexion generates a pressure on the large intestine of the user, facilitating the evacuation, characterized in that the improved portable foot support, is constituted from a molded tube (1), horizontally in the shape of an inverted u or horseshoe, which ascends diagonally on both sides about 20 centimeters to finish at the top where the footrests (2) are fixed, and which can take any configuration deemed appropriate, presenting on the surface of the upper area thereof an anti-slip configuration, such as knurling or the like. (Machine-translation by Google Translate, not legally binding)

Probable Assignee: JIMENEZ JIMENEZ ANGEL

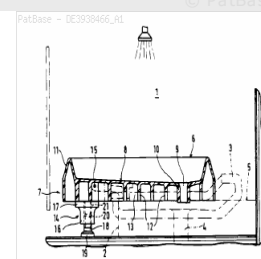
Earliest Publication Date: 20120625

**PORTABLE SHOWER TRAY WITH BASE PLINTH - FITS EXISTING TOILET PANS TO MAKE SHOWER CUBICLE**

Abstract: Source: DE3938466 A1 The shower tray has a base plinth with inclined tread surface and an associated drain outlet and with a circumferential bead which is raised relative to the tread surface. The shower tray (6) is designed to be movable and portable and can be set on basin or pan (3) which is fixedly connected to the toilet room (1) and has an outflow opening (4). The base plinth (7) can have on its underneath an indentation (13) into which the basin (3) engages during fitting. At least one support foot (14) can be swivel mounted on the base plinth. USE - Particularly for Japanese toilets where it can combine with a shower curtain to provide a shower cubicle.

Probable Assignee: GRUHL CHRISTIAN O GMBH

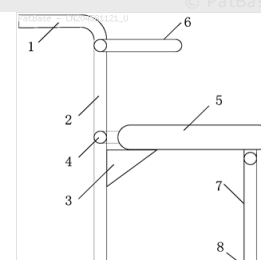
Earliest Publication Date: 19910523

**MAKE THINGS CONVENIENT FOR FORMULA TOILET BOWL FRAME**

Abstract: Source: CN204581121 U The utility model discloses a make things convenient for formula toilet bowl frame, including bracket parts and cushion part, bracket parts including the two foot supports of level that are used for being fixed in the wall with be used for being fixed in two vertical foot supports on the ground, two foot supports of level and two vertical foot support fixed connection, the middle part of two vertical foot supports still is provided with a support, is provided with the axis of rotation above the frame holds in the palm, the closetool circle of cushion part is through axis of rotation and two vertical foot leg joints, the cushion partially can be packed up or place in a support. The utility model discloses a toilet bowl frame can be used to set up public place, and the user adopts the just form of squatting usually, or this puts down the realization toilet seat with the toilet bowl frame, to handicapped person or have unhealthy obsession with cleanliness person, can select using-way by oneself, the frame holds in the palm and the toilet bowl frame adopts, folding support, can guarantee the security and the stability of toilet bowl frame when user's weight is overweight. The utility model relates to a but make things convenient for formula toilet bowl frame wide application in medical instrument field.

Probable Assignee: GUANGZHOU GENERAL HOSPITAL OF GUANGZHOU MILITARY COMMAND

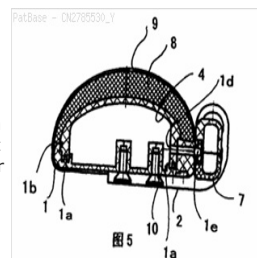
Earliest Publication Date: 20150826

**TOILET SEAT RING CAPABLE OF SPRAYING PERFUME**

Abstract: Source: CN2785530 Y The utility model discloses a toilet seat ring capable of spraying perfume. The utility model comprises a seat ring body. The bottom middle part of the seat ring body is symmetrically provided with support feet. Edge ports at the inner and the outer peripheries of the upper part of the seat ring body are provided with concave and convex slots and a plurality of inner hooks, and are correspondingly sealed and buckled with elastic air cushion pieces which form an inverted U shape. The space enclosed by the inner and the outer peripheries forms an air cavity. The side part of at least one support foot is provided with at least one air inlet which is communicated with a V-shaped through hole arranged on the seat ring body corresponding to the support foot. At least two cuffs of inner holes are hermetically embedded in the periphery of the V-shaped through hole. A cuff cover is provided with one round ball which hermetically falls into the V-shaped through hole. The cuffs are positioned in the air cavity, and the inner holes of the cuffs are communicated with the air cavity. The back side part of the seat ring body is provided with at least one air jetting hole. An air jetting pipe extending from the air jetting hole is hermetically communicated with a perfume box which is arranged at the back side part of the seat ring body. The periphery of the perfume box is provided with a plurality of air outlets. The utility model has the advantages of energy saving and environmental protection, can be used on water closets at different places and is convenient for industrial mass production and sale.

Probable Assignee: ZHANG TIEQI

Earliest Publication Date: 20060607



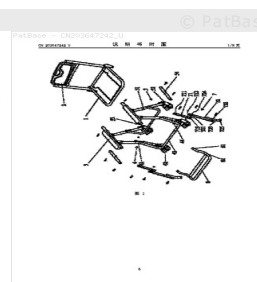
16) Family number: 56682093 (CN203647242 U)

SAFE PEDAL STRUCTURE FOR FOLDAWAY TOILET CHAIR

Abstract: Source: CN203647242 U The utility model discloses a safe pedal structure for a foldaway toilet chair. The safe pedal structure for the foldaway toilet chair comprises a toilet chair main body which can be unfolded and folded; a seat frame of the toilet chair main body is pivoted with a front foot frame; the front foot frame is pivoted with a pedal; the rear part of the pedal is pivoted with the front foot frame, so that the pedal can be folded relative to the front foot frame; when the pedal is unfolded, a height difference is reversed between the front end of the pedal and the ground; front pivoting parts are arranged on the two sides of the front part of the pedal; the pedal comprises two linkage support feet; each linkage support foot is provided with an upper connecting rod, a lower connecting rod and an unfolding positioning mechanism; an upper pivoting part and a lower pivoting part are respectively arranged at the upper part and the lower part of the upper connecting rod to pivot the front part of the seat frame; an upper pivoting part and a middle pivoting part are respectively arranged at the upper part and in the center of the lower connecting rod; support feet are arranged below the lower connecting rod; the upper pivoting part of the lower connecting rod is pivoted with the lower pivoting part of the upper connecting part; a middle pivoting part component is pivoted with the front pivoting part of the pedal; the unfolding positioning mechanism can be positioned when the upper connecting rod and the lower connecting rod are unfolded. Therefore, the safe pedal structure for the foldaway toilet chair has high convenience and safety in operation.

Probable Assignee: EVERLASTING HEALTHCARE CO LTD

Earliest Publication Date: 20140618



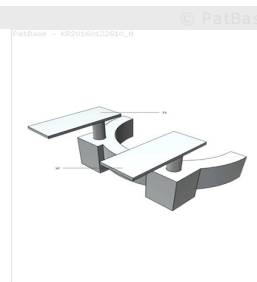
17) Family number: 63845592 (KR20160122610 A)

FOOTSTEP THAT IS EQUIPPED UNDER THE TOILET

Abstract: Source: KR20160122610 A The present invention relates to a foot support provided and used below a toilet. Conventionally, a child whose feet cannot reach a floor or a person having the short height or the short legs has to bend a waist forward or stand on tiptoe when the child or the person relieve oneself when a user relieves oneself without distinction of sex or age. To solve the problem, a support supporting a lower body of the user is provided below the toilet in order to control a position of feet. A posture is converted in accordance with a structure of a human body in order to assist the user to defecate.

Probable Assignee: GIM BEOM

Earliest Publication Date: 20161024



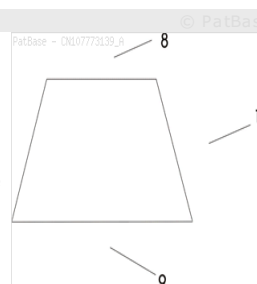
18) Family number: 68820644 (CN107773139 A)

PORTABLE TOILET DEVICE

Abstract: Source: CN107773139 A A portable toilet device includes a trilateral frame, or a quadrangle frame, or a polygon frame. A clamping structure is arranged on an end of one edge of each corner of the trilateral frame or the quadrangle frame and is vertically arranged on each of surfaces formed by the trilateral frame or the quadrangle frame; each clamping structure clamps a support foot, and a clamped end of the supporting foot and the clamping structure are fixed together through a bolt. The clamping structures tightly clamp ends of the supporting feet; all the supporting feet have the same length; three supporting feet of the trilateral frame or four supporting feet of the quadrangle frame are pulled to a position perpendicular to a plane of the trilateral frame or the quadrangle frame by hands, and the trilateral frame or the quadrangle frame is put on a ground surface; a plastic bag is fixed in a central empty space except for three edges or four edges of the trilateral frame or the quadrangle frame, and then people can go to a toilet. The portable toilet device has a cover, and people can relieve themselves in the cover.

Probable Assignee: ZHAO YANJIE

Earliest Publication Date: 20180309



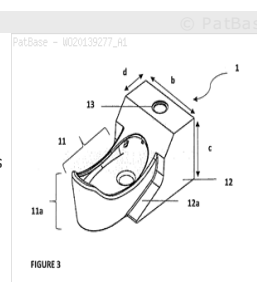
19) Family number: 79719537 (WO20139277 A1)

AN ERGONOMIC CERAMIC SANITARY WARE

Abstract: Source: WO20139277 A1 The ceramic sanitary ware (1) according to the invention basically comprises a ductless inner bowl (11) and the foot support forms (12a) positioned on either sides of the inner bowl (11). With the ceramic sanitary ware (1) according to the invention, it is intended to ensure that the users are able to achieve complete excretion in the squatting position without experiencing any health problem like joint pain and the splashes are prevented during the excretion, flushing of the toilet and personal cleaning and that an active inner bowl (11) flushing is achieved.

Probable Assignee: ECZACIBASI YAPI GERECLERI SANAYI VE TICARET ANONIM SIRKETI

Earliest Publication Date: 20200702



20) Family number: 79719539 (WO20139278 A1)

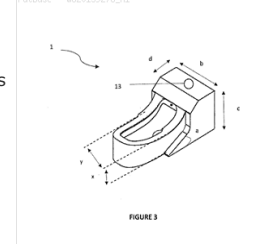
AN ERGONOMIC CERAMIC SANITARY WARE

Abstract: Source: WO20139278 A1 The ceramic sanitary ware (1) according to the invention basically comprises an inner bowl (11) having a water distribution duct (11b) and the foot support forms (12a) positioned on either sides of the inner bowl (11). With the ceramic sanitary ware (1) according to the invention, it is intended to ensure that the users are able to achieve complete excretion in the squatting position without experiencing any health problem like joint pain and the splashes are prevented during the excretion, flushing of the toilet and personal cleaning and that an active inner bowl (11) flushing is achieved.

Probable Assignee: ECZACIBASI YAPI GERECLERI SANAYI VE TICARET ANONIM SIRKETI

Earliest Publication Date: 20200702

PatBase - WO20139278_A1



21) Family number: 62831953 (WO1722282 A1)

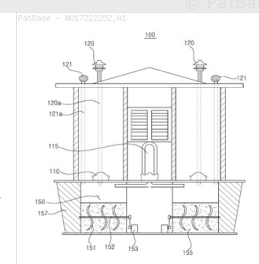
FERMENTATION-DISSIPATING SQUAT TOILET

Abstract: Source: WO1722282 A1 The present invention relates to a fermentation-dissipating squat toilet and, particularly, to a fermentation-dissipating squat toilet that may: be semi-permanently used; perform fermentation-dissipation of human waste, even when a separate microbial fermentation agent, an odor removing agent, or the like is not periodically supplied, by using cedar wood chips having inherent deodorizing effects and a wide specific surface area; have improved aesthetics and hygiene because an automatic opening/closing means is provided to open the squat toilet only when a user steps on a foot support and loads their body weight thereon, so that the waste of others is not seen when the user opens a toilet door and the user's own waste is also not seen by virtue of being mixed with the wood chips by a stirring blade; and create a more comfortable environment by operating the stirring blade and a power operated gas exhaust evacuator when a user enters the toilet, so as to mix the wood chips and human waste and forcibly exhaust gases in a stirring tank.

Probable Assignee: 21C ENVIRONMENT CO

Earliest Publication Date: 20160708

PatBase - WO1722282_A1



22) Family number: 30778453 (TW573518 Y)

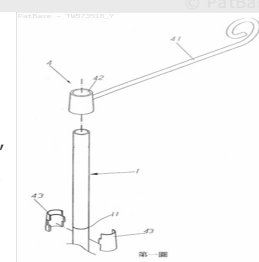
TOILET FRAME WITH SUSPENSION FUNCTION

Abstract: Source: TW573518 Y One kind of hangs horse of bucket rack the function, is after the number support foot, a ? dummy spindle, the number network level frame and the number screw splice becomes a horse bucket rack, on the support feet the system has certain cingula in horse bucket rack fourth, so that two buckles the eye splice piece group buckle to locate on the cingulum, after also on Yu Jiati is equipped with a ? dummy spindle firmly, Yu Hou? the dummy spindle inscribes is equipped with relative S to play the part of the pole, again Yu Jiajia in the both sides sets is equipped with the number network level frame, causes the net level frame and the cross rod may the screw and the spiral hole fixes it, its main characteristic lies in: On this horse bucket rack on the frame foot in predetermined place is equipped with certain cingula, in hangs in the group wrap one side is extends has a suspension bar, set of coordinates the wrap to turn round in two buckles outside the eye splice piece, causes the suspension bar for to hang the goods and may the free rotation, then achieved effective hangs effect of the towel or the clothes.

Probable Assignee: TAIR WEI ENTPR CO LTD

Earliest Publication Date: 20040121

PatBase - TW573518_Y



23) Family number: 53348885 (CN202821179 U)

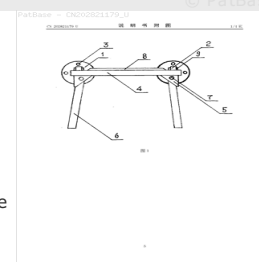
CONVENIENT SEAT FRAME FOR TOILET

Abstract: Source: CN202821179 U A way to help the elderly or people with disabilities self-care and easy to install and easy to use toilet seat frame. It is in the structure, the mounting seat, seat hinge, the basic frame and the connection box is constituted with a support foot frame, wherein the steel sheet is processed into the shape of the two mounts, the same size, the mount has a mounting hole, disposed above the hinge mount seat, with round and rectangular tube or processed into the basic framework, the basic framework of the tip-split seat with hinges fit manner riveted or bolted, the basic framework is fixed in the hinge seat, the basic framework of the following The front and rear are provided connection box, the supporting foot frame fixed on the connection box, embedded in the basic framework of a non-metallic cushion with rivets middle box, mount with expansion bolts fixed to the wall.

Probable Assignee: LENG DINGGANG

Earliest Publication Date: 20130327

PatBase - CN202821179_U



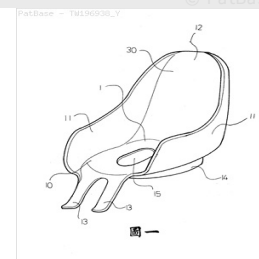
24) Family number: 45164775 (TW196938 Y)

THE CHILD AND THE DISABLED PERSONS SPECIAL-PURPOSE CHAMBERPOT SITS THE CHAIR (MACHINE TRANSLATION)

Abstract: Source: TW196938 Y This is a kind of record as children and stalks with disabilities special horse bucket sitting against, the Department set up into one body forming one of the body, the body is provided with a central portion of the stripeout of the air hole and the bottom is provided with a ring-like shape of its peripheral edge embedded solid base, set into the wall shape, forming a backrest, armrest is placed support empty 00, its front end provided with a support foot of the double pedal foot pedal; Strikeout just be embedded solid embedded seat beneath the barrel, leaving the body of the horse and the horse bucket firmly knot synthesis of a body, and to provide an children and stalks with disabilities special horse bucket sitting against, when the user sits beneath placed support empty 00, just like the backrest, armrest, formed by the walls around the package, let users (such as children from OH, cotton stalks), not because no barrel barrier against the design preparation of horse hair cambay from biomass. Therefore, the present record as the department to first body type, so the horse bucket sitting against the molding has a convenient combination beneath the barrel, and the horse can be disassembled, and provide an auxiliary aid to let the horse tub safety seat, the undeveloped user convenience and security as ? better effect.

Earliest Publication Date: 19921221

PatBase - TW196938_Y



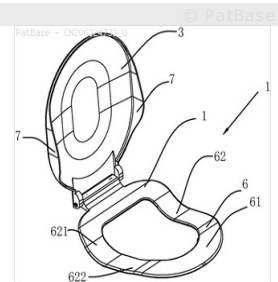
25) Family number: 66363076 (CN206324733 U)

TOILET LID ASSEMBLY AND CLOSESTOOL MAIN PART AND CLOSESTOOL SUBASSEMBLY

Abstract: Source: CN206324733 U The utility model discloses a closestool subassembly, including closestool main part and the toilet lid assembly of cover in the closestool main part, toilet lid assembly includes support panel and apron, the closestool main part includes the supporting seat and sets up the just groove in the supporting seat, the upper surface holding surface of supporting seat, support panel is provided with a flat support portion, the support panel undercut forms first sunken supporting part, a flat support portion and first sunken supporting part smooth transition, the anterior regional setting of holding surface has the 2nd flat support portion, the regional undercut in middle part of holding surface forms the sunken supporting part of second, the 2nd flat support portion and the second supporting part smooth transition that caves in, the place ahead of supporting seat still an organic whole is provided with and fills up the foot, support panel's lower surface with holding surface interfitting, its advantage lies in having concurrently sitting posture closestool and squatting pot's advantage, it is more unobstructed like the lavatory, and to have filled up foot's bed hedghopping human and the just distance between the tank bottom portion, it is more sanitary like the lavatory.

Probable Assignee: NINGBO ULTRAPOWER RIWISE SOFTWARE CO LTD

Earliest Publication Date: 20170714



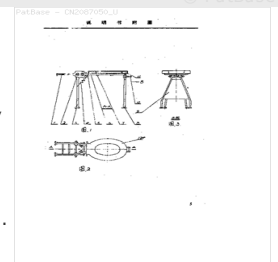
26) Family number: 17476720 (CN2087050 U)

DUAL PURPOSE CHAMBER POT

Abstract: Source: CN2087050 U The utility model relates to a sitting and squatting dual purpose toilet cylinder which belongs to the technical field of environmental sanitation and has sitting and squatting dual purposes. The utility model is characterized in that an annular sponge stool (12) and a front support foot (8) not only can integrally rotate for 90 DEG, but also can mutually and freely rotate for 90 DEG under the action of a spring (4), gravity and external force. The utility model has the advantages of simple structure, easy manufacturing, high safety, low cost, convenient installation and use, strong applicability and wide application range and can be widely used for toilets in families, schools, factories and mines, enterprises, hospitals, guest houses, trains, ships, etc. The utility model not only can bring convenience to elder persons, weak persons and young children, but also can enhance safety factors.

Probable Assignee: SUN DAZHONG

Earliest Publication Date: 19911023



27) Family number: 23508101 (CN2502623 Y)

SOAP DISH

Abstract: Source: CN2502623 Y The utility model relates to a soap and toilet soup plate used in daily life, which consists of a plate body and a bearing part thereof. The inner concave of the plate body is smooth hyperboloid or spherical, and the bottom of the plate body is provided with air-and-water venting holes. The plate body is generally rectangular, drum-shaped, round or ellipse, and the radius Ra at a length direction of the inner concave is longer than the radius Rb at a width direction of the inner concave. The bearing part of the plate body is an integral support foot or a split-body water collecting box of the exterior bottom of the plate body. The inner concave of the soup plate is smooth and approximating to a spherical, and water would not accumulate on the surface, with only a tiny area at four corners of the soup contacting with the plate surface, so that the space for ventilation at the bottom and at the periphery is big enough, facilitating ventilation and keeping the bottom of the soup dry. The utility model is of simple structure, convenience and practicality.

Probable Assignee: XU DANNI

Earliest Publication Date: 20020731

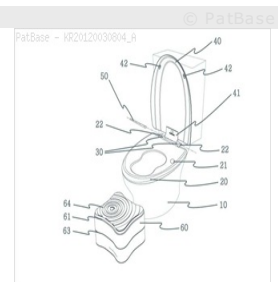
28) Family number: 50888124 (KR20120030804 A)

TOILET SEAT AND FOOHOLD FOR SQUATTING

Abstract: Source: KR20120030804 A PURPOSE: A toilet seat with a height adjustable foot rest is provided to relax puborectalis muscle and expand anorectal angle, thereby helping smooth defecation. CONSTITUTION: A toilet seat with a foot rest includes a seat(20), a toilet bowl fixing shaft(30), a seat cover(40), and a height adjustable foot rest(60). A foot support inserting groove(61) holds foot rests together when an additional foot rest for height adjustment is added. A anti-slip protrusion area(64) is installed on the upper surface of the foot rest.

Probable Assignee: VIG INC

Earliest Publication Date: 20120329



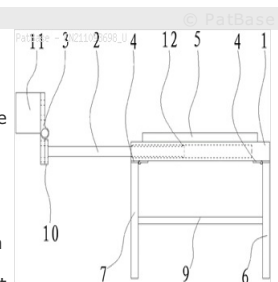
29) Family number: 80175416 (CN211093698 U)

A FIXED ADJUSTABLE SIMPLE POTTY CHAIR (MACHINE TRANSLATION)

Abstract: Source: CN211093698 U The utility model relates to a toilet seat, particularly relates to a fixed adjustable simple potty chair, including a rectangular frame-like cushion holder, said fixed the seat cushion frame of two parallel frame edge is a hollow structure and are slidably provided with inner sleeve, two of said inner sleeve and said inner sleeve disposed in parallel, one end extending out of said rear seat cushion fixed frame through the first hinge and the wall fixed connection; the cushion is fixed to the bottom frame through the second hinge connecting the support leg assembly, said cushion is fixed to the upper end of the fixed frame has a cushion. The utility model has the beneficial effects: when not in use, will support foot assembly is folded back affixed provided on the cushion holder, and then the bottom of the seat cushion frame toward the moving direction of the wall, so that the inner sleeve inserted into the seat cushion fixed gantry, then folded so that the first hinge seat cushion fixed frame side fit on the wall reduces the space occupied by folding back; convenient management, avoid potty chair lost, you need to expand when placed in PISSING vertically upward.

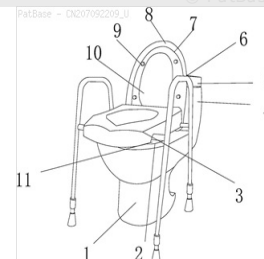
Probable Assignee: SKIN MONTH PLUM

Earliest Publication Date: 20200728



LAVATORY STRUCTURE

Abstract: Source: CN207092209 U The utility model discloses a lavatory structure, its structure includes the base, support sits frame, booster unit, water storage box, case lid, bath switch, toilet seat, fixed limit, supporting shoe, damping circle, have an ease constipation mouthful, base upper portion with support the rest base portion that sits and be connected as an organic wholeization structure, support and sit inside being equipped with of frame and have an ease constipation mouthful, support and sit frame upper surface and booster unit parallel connection, support the seat and put up and be equipped with the water storage box, matching in water storage box top and case lid top, is equipped with the bath switch on the case lid top, booster unit by altitude mixture control foot, support frame, bracing piece, supplementaryly sit the frame, through opening forms, altitude mixture control foot top and support frame bottom welding, the bracing piece is equipped with to the support frame side, is equipped with the supplementary frame of sitting on the bracing piece, the supplementary seat is equipped with through opening in the frame, the supplementary frame of sitting is installed and is sat the frame upper endin supporting, the through opening intercommunication mouth of having an ease constipation. The utility model discloses increased booster unit, this equipment uses for the inconvenient people of legsand feet, and application range is enough wide, increases use value.

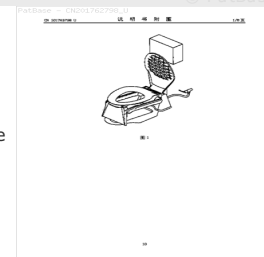


Probable Assignee: GUANGZHOU FANGWEI HARDCOVER CO LTD

Earliest Publication Date: 20180313

UNIVERSAL FOLDABLE PEDESTAL PAN

Abstract: Source: CN201762798 U The utility model discloses a universal foldable pedestal pan belonging to sanitary equipment for a squatting pan. The main body of the pedestal pan adopts a four-connecting rod structure comprising a base 2, a connecting rod 3 and a connecting rod 4, a seat ring 5 and a supporting foot 6. A positioning structure as follows is adopted: the arc cylindrical surface of the seat ring is positioned in a 'V'-shaped groove of the base and an arc boss of the supporting foot is positioned in an arc groove of the seat ring so that the pedestal pan can bear sitting force, and a hinging-rotating clearance is enlarged so that a rotary shaft is suspended; the front surface of the support foot is trapezoid and spreads diagonally forwards to take on a dip angle for tensioning the connecting rods, so that the enlarged hinging clearance does not influence the stability and the pedestal pan is firm without shaking; and the base 2 is internally provided with three installation holes padded with spherical cushion blocks and wedge blocks and the installation is floatable and adjustable, thus eliminating the influence of the rough surrounding ground on the stability of the squatting pan. The height of the pedestal pan is 30cm. A urinal can be flushed by manual control. ABS (acrylonitrile-butadiene-styrene) white plastics is selected, the hue is adjustable, shower flushing is available, and a molding-shaping technology is implemented for production. An upper cover 8 can be put down and serve as a small stool. The universal foldable pedestal pan is used for a small-sized toilet, in which the squatting pan is added with the function of the pedestal pan.



Probable Assignee: KAIYU YOU

Earliest Publication Date: 20110316