

Search history

Search 1: SFT=(stack and sheet* and fold* and connect*) (Results 42283)

Search 2: SFT=(stack and sheet* and fold* and connect* and fastener) and IC=(a47k) (Results 102)

1) Family number: 23369108 (US6273359B)

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DISPENSING SYSTEM AND METHOD FOR PREMOISTENED WIPES

Abstract: Source: US6273359B A dispensing system and method for premoistened wipes. The dispensing system includes first and second longitudinally extending dispensing guides. The first guide is positioned substantially parallel and in proximity to the second guide to define a gap. The dispensing guides may each be rotatable about a longitudinally extending axis and comprise cylinders having a plurality of lands and grooves. The wipes are dispensed by passage through the gap and a dispensing opening having an edge which is defined in part by an impingement surface. The impingement surface has a first outer portion, a second outer portion and a central portion positioned between the two outer portions. The impingement surface is configured whereby the outer portions of the impingement surface more forcibly engage the wipe into engagement with the dispensing guides than the central portion of the impingement surface. This helps to maintain the wipes in a substantially flat condition as they are dispensed and prevents the "bunching up" of the wipe. The dispensing of the wipes with such a system may involve engaging a wipe with the impingement surface where outer portions of the impingement surface extend a greater distance than the central portion in a direction impinging on the wipe. The two outer portions of the impingement surface engage the wipe in areas adjacent opposite side edges of the wipe.

Probable Assignee: KIMBERLY CLARK CORP

Earliest Publication Date: 20001109

2) Family number: 43255557 (US2009127276A)

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WIPING SUBSTRATE DISPENSER

Abstract: Source: US2009127276A A convertible wiping-substrate dispenser that may be mounted on an upright surface such as a wall or mirror, or combined with a stand for placement on horizontal surface. The dispenser may have a durable or disposable container for the wiping substrate.

Probable Assignee: KIMBERLY CLARK CORP

Earliest Publication Date: 20090521

3) Family number: 44999040 (US2010122985A)

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DISPENSER FOR PERSONAL CARE PRODUCTS WITH A WIDE LID-ACTIVATION BUTTON

Abstract: Source: US2010122985A A lid structure for use with a container for storing personal care products is disclosed. The lid structure includes a lid top that is **connected** by a hinge to a lid base. In exemplary embodiments, the lid structure includes a lid-activation button that when pressed allows the lid top to rotate about the lid base giving a consumer access to the contents of the container. The lid-activation button is wide enough to allow a consumer to easily make contact with the lid-activation button and cause the lid top to open. Additionally, the lid-activation button functions so that the lid top is released independent of where the lid-activation button is pressed by the consumer.

Probable Assignee: KIMBERLY CLARK CORP

Earliest Publication Date: 20100520

4) Family number: 51342202 (US2012160864A)

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WET WIPE DISPENSER WITH IMPROVED ARC-SHAPED DISPENSING PARTITION

Abstract: Source: US2012160864A A container for storing personal care articles comprising a lid structure attached to the container is disclosed. The lid structure has a top lid portion **connected** to a base lid portion. The base lid portion includes a rigid port surrounding a unitary dispensing partition extending in an x and z direction to the rigid port, the unitary dispensing partition having a dispensing slit formed therethrough. The unitary dispensing partition forms an arc extending a first depth into the interior of the container in a z-direction. The depth of the dispensing partition allows for the personal care article to be stored in a pop-up dispensing position with a larger portion of the personal care article extending from the dispensing slit. This allows for easier retrieval of the product by a consumer and less dispensing failures.

Probable Assignee: KIMBERLY CLARK CORP

Earliest Publication Date: 20120628

5) Family number: 28108885 (US2001019064A)

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CLEANING TOWEL DISPENSER

Abstract: Source: US2001019064A A towel dispenser (20) comprising a case container (24) and one lid (22) attached to the container (24) by a hinge (40). A removable inner box (26), placed upside down in the case container defines an inner case compartment (27) destined to receive a pile of wet towels (30). The inner box has a bottom (31) and a jagged slot (29) provided in the bottom to dispense towels. The slot of the lid and the passage of the towels through the jagged slot allow the dispensing, by traction, of towels stored in a controlled atmosphere chamber. The compartment can be divided into two closed chambers, a wet one (28) and a dry one (32) by a partition (52) to allow the use of a second type of towels. One can also install a lid compartment (25) (Fig.7).

Probable Assignee: VISIMAX USA LLC

Earliest Publication Date: 19990810

6) Family number: 28198750 (US2002053624A)

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DISPENSER AND TRAY FOR PREMOISTENED WIPES

Abstract: Source: US2002053624A A dispenser for premoistened wipes having a removable tray. The dispenser includes a housing which may include a frame and a cover. The housing defines an interior space in which the premoistened wipes may be placed. A removable tray having a liquid retaining receptacle portion may be positioned below the interior space and wipes. The tray may also include a raised portion having a support surface for the premoistened wipes. The raised portion may be formed by a plurality of ribs, guide rolls or a combination thereof. The tray may also include a grip to facilitate its insertion and removal from the dispenser. The premoistened wipes may be dispensed by passing the wipes through a gap between two dispenser rollers. The dispenser may also include an impingement edge which extends adjacent the two dispensing rollers. The impingement edge has a central portion which is located at a first relative position with respect to the dispenser rollers and two outer portions which are located at relative positions which differ from that of the central portion. The dispenser may also include a support for a roll of conventional dry bathroom tissue.

Probable Assignee: KIMBERLY CLARK CORP

Earliest Publication Date: 20001109

7) Family number: 32436076 (US2005258062A)

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CONTAINER FOR WET SHEET PACKAGE

Abstract: Source: US2005258062A Disclosed is a container in which a package is housed in a case made of a flexible sheet and adhered to a frame around a dispensing opening through a pressure-sensitive adhesive layer. The frame has a lid. When the lid is opened, wet sheets can be taken out of the package. Since the frame is adhered to the package around the dispensing opening, fixation means for keeping the case in an unopened state may be a simple one, such as a fastener.

Probable Assignee: UNI CHARM CORP

Earliest Publication Date: 20051123

8) Family number: 33534067 (US6626395B)

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DISPENSER FOR PREMOISTENED WIPES

Abstract: Source: US6626395B A compact dispenser for both premoistened wipes and dry bathroom tissue. The dispenser includes a first compartment for the premoistened wipes. The premoistened wipes may be placed in a removable tray in the first compartment. The dry bathroom tissue may be supported on a roll bar and be partially positioned in a second compartment of the dispenser. The dispenser may be mounted to a conventional bathroom tissue fixture using a mounting device.

Probable Assignee: KIMBERLY CLARK CORP

Earliest Publication Date: 20001109

9) Family number: 50950071 (US2013313279A)

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TISSUE PAPER SYSTEMS

Abstract: Source: US2013313279A A package including a stack of tissue paper sheets, wherein the package includes at least one line of weakness that has an unbroken configuration and a broken configuration and wherein the package is configured to be able to be flexed to pull apart the line of weakness when the line of weakness is in the broken configuration to open the package to allow a tissue paper sheet in the stack to be withdrawn through the open package.

Probable Assignee: SCA HYGIENE PRODUCTS AB

Earliest Publication Date: 20120419

10) Family number: 50950074 (US2013270290A)

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TISSUE PAPER SYSTEMS

Abstract: Source: US2013270290A A stack of interfolded tissue paper sheets, wherein the interfolding pattern is such that each sheet is folded at least once to provide leading and trailing panels with respect to a sheet withdrawal direction, to define a stack comprising an overlapping region where adjacent sheets in the stack overlap and non-overlapping regions of the stack on opposed sides of the overlapping region wherein adjacent sheets of the stack do not overlap.

Probable Assignee: SCA HYGIENE PRODUCTS AB

Earliest Publication Date: 20120419

11) Family number: 51343551 (US2013270292A)

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DISPENSING SYSTEM COMPRISING HOLDER AND DISPENSING PACKAGE

Abstract: Source: US2013270292A A dispensing system includes a holder adapted to hold the package of wipes. The holder has a front portion, a rear portion and side portions **connecting** the front and rear portions, and the package has a front wall with a dispensing opening, a rear wall opposite the front wall, two opposing side walls and two opposing end walls. The front portion of the holder includes first and second holder parts extending in a length direction of the holder and is spaced apart in a width direction of the holder with a gap between the holder parts. The holder parts are resiliently movable between a holding position and a loading position, and the gap is smaller in the holding position than in the loading position. The rear portion of the holder and the rear wall of the package include mating **fasteners** for attaching the package to the holder.

Probable Assignee: SCA HYGIENE PRODUCTS AB

Earliest Publication Date: 20120628

12) Family number: 5328383 (US4058235A)

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DISPENSER FOR INTERLEAVED **SHEETS** OF TISSUE

Abstract: Source: US4058235A A tissue dispenser includes an integral, open-top, generally rectangular container formed of transparent plastic material and including a bottom wall having inclined central portions which converge upwardly into the container and have the upper ends thereof spaced apart to define a dispensing opening, the container adapted to receive therein through the open top a **stack** of **folded** interleaved tissue **sheets**, the bottom **sheet** resting upon the upper ends of the inclined bottom wall portions, with the leading end thereof extending outwardly through the dispensing opening for access by a user. A removable metal cover may be latched in place to close the open end of the container, the cover having an ashtray and cigarette holding grooves formed therein. Three pockets are integrally formed on the outer surface of the rear wall of the container, one lower pocket opening downwardly to be slipped over a mounting washer secured to a support wall, the other upper pockets opening upwardly and receiving mounting washers therein, mounting screws being received through complementary aligned openings in the container wall, upper pockets and washers for threaded engagement with the support wall.

Probable Assignee: STEINER CO INT SA

Earliest Publication Date: 19771115

13) Family number: 11311719 (US5251342A)

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PLASTIC PORTABLE TOILET ASSEMBLY

Abstract: Source: US5251342A A portable toilet assembly has a twin-**sheet** thermoformed toilet tank, base, and urinal. The toilet tank has an upper thermoplastic **sheet** which is fused to a lower thermoplastic **sheet**. The toilet tank **sheets** are each coextruded from two thermoplastic materials of different colors, such that the toilet tank interior is a dark color and the exterior is a lighter color. Portions of the fused **sheets** extend outwardly from the tank and define flanges which can be used to attach the toilet tank to the toilet base and to the walls of a cabana. The toilet tank lower **sheet** has a downwardly extending pyramidal sump in which waste can accumulate. The base has a hole for receiving the toilet tank, a platform with downwardly extending sidewalls with outwardly extending ledges, and channels which extend through the sidewalls and ledges which allow flow of liquids from within the cabana and ventilation of noxious odors. The lower portion of the base has axle bearings in which an axle can be placed which runs parallel to the front and rear sides of the base. A urinal is attached to the toilet tank. The urinal has an interior surface with projections which contain and hold a solid deodorant.

Probable Assignee: SYNERGY WORLD INC

Earliest Publication Date: 19931012

14) Family number: 11943799 (US6003723A)

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LARGE CAPACITY TOWEL DISPENSER

Abstract: Source: US6003723A A dispenser apparatus for **stacked** single-**fold** towel **sheets** has a rear wall, side walls, and front and rear funnel walls extending to a funnel height between bottom portions of the side walls on opposite sides of a feed slot; and a pair of shelf members projecting downwardly and inwardly from respective ones of the side walls, each shelf member having a shelf width perpendicular to the rear wall being approximately 45 percent of a housing depth between upper extremities of the funnel walls, inward extremities of the shelf members, the inward extremities being spaced above the feed slot within the funnel height and being spaced apart by a distance of not greater than approximately 90 percent of the **stack** width for partially supporting the **sheets**. Each shelf member has an upwardly and inwardly facing panel surface that forms a side angle of approximately 45 degrees with the side wall. A perimeter contour of each shelf member has a plan radius of approximately 0.5 inch at the inward extremity, diverging to the shelf width from the plan radius at a taper angle of approximately 90 degrees, the perimeter contour also having an edge profile of smooth curvature including a shelf lip radius of approximately 0.15 inch extending outwardly and downwardly from the panel surface. Another aspect of the invention provides a method for cleaning a facility having the dispenser.

Probable Assignee: DISPENSING DYNAMICS INT

Earliest Publication Date: 19991221

15) Family number: 12501532 (US6112631A)

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MECHANISM FOR PAPER DISPENSER

Abstract: Source: US6112631A A towel dispensing mechanism includes a frame upon which a quantity of paper is stored on a supply reel. An extending portion of paper pulled through an exit slot of the housing rotates a paper feed roller rotatably supported within the frame, causing an attached arm member to engage a knife assembly, and causing a pivoting cutting blade to move into engagement with the paper web after the roller has rotated to a predetermined position. The knife assembly is biased to allow restoration to a precutting position when the arm member no longer engages the knife assembly. According to a preferable arrangement, a vertically disposed intermediately disposed engagement element supported to the frame interconnects the arm member with the knife assembly. Biasing of the arm member causes the feed roller to rotate additionally a predetermined amount after the paper has been cut, thereby metering a predetermined amount of paper from the supply reel through the exit slot.

Probable Assignee: VANALSTINE TERRANCE L

Earliest Publication Date: 20000905

16) Family number: 14339588 (FR2775579B)

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DISPOSITIF DISTRIBUTEUR FEUILLE A FEUILLE ET ORGANE PRESSEUR POUR UN TEL DISPOSITIF

Abstract: The **sheet** by **sheet** toilet paper (fp) dispenser comprises a container (1) containing a **stack** of several **sheets** and a movable presser (2). There are two plane slides (25,27) mounted on top of half cylinders (23,24), two side arms (21,22), a front flap (26) and a rear guide (20) all arranged in a central slot (28). The container frame (10) comprises two side channels. The presser exerts a constant pressure on the **stack** of **sheets** and is led in a translational movement guided by the channels.

Probable Assignee: DREUX LUCIEN

Earliest Publication Date: 19990910

17) Family number: 16440324 (ES1025861Y)

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MAMPARA DE BANO.

Abstract: Source: ES1025861U MAMPARA DE BANO, PARA ASEGURAR LATERALMENTE EN UN ELEMENTO RESISTENTE DE LA EDIFICACION QUE, ESTANDO CONFIGURADA EN DOS BLOQUES INDEPENDIENTES DE HOJAS, ESENCIALMENTE, SE CARACTERIZA POR INCORPORAR, EN AMBOS BLOQUES, UNA ARTICULACION CENTRAL, CONSTITUIDA POR LOS PERFILES (56) DE SUJECION DE AMBAS HOJAS, COPLANARIOS SI ESTAN EXTENDIDAS, ENCASTRADAS ESTAS HOJAS EN PIVOTES (55) SOBRESALIENTES DE PIEZAS DE UNION (54, 53 Y 61), UNIDAS A TRAVES DE LOS TORNILLOS AUTORROSCADOS AL BLOQUE CENTRAL DE LA ARTICULACION (58), PERMITIENDOLES ESTE BLOQUE, A AMBOS PERFILES (4) UN GIRO LIBRE DE 90 GRADOS, EN EL MISMO Y UNICO SENTIDO, PRESENTANDO UNA SECCION DE SEMICUNAS OPUESTAS Y CON OTROS DOS PEQUENOS PERFILES, UBICADOS ESTOS EN EL INTERIOR DE CADA UNA DE LAS CONCAVIDADES DE LAS RESPECTIVAS SEMICUNAS Y CON FORMA DE ALETA, QUE ACTUAN COMO CONTRAGUIA DE LAS HOJAS DE LA MAMPARA Y BARRERA DE ESTANQUEIDAD, SUJETANDO OTRA SERIE DE PIEZAS, EL LADO INFERIOR DE CADA HOJA Y SIENDO LAS MISMAS, LOS PERFILES EXTREMOS DE GOMA, DE FIJACION DEL ELEMENTO (25) DE LA HOJA DEL CERCO QUE ENCAJA EN LOS PIVOTES INFERIORES (59), PARA GIRO Y TOPE LATERAL INFERIOR DE LA HOJA, MAS EL REMATE DE PIVOTE (60), DE MATERIAL PLASTICO ELASTICO, CONFIGURADO COMO SEMICASQUILLO DESLIZANTE SOBRE EL CONJUNTO DE PIEZAS FORMADO POR LA TAPA INFERIOR PARA NUDO DE PLIEGUE (61), EL REMATEATAPA INFERIOR (62), DEL NUDO DE PLIEGUE, TAMBIEN DE ESTANQUEIDAD Y EN MATERIAL PLASTICO ELASTICO Y LA PLETINA INFERIOR (63), DE SUJECION DE ESTE CONJUNTO DE PIEZAS, MEDIANTE LOS DOS TORNILLOS INFERIORES (12) AUTORROSCANTES AL TRAMO CENTRAL DEL PERFIL EN; INCORPORA, ASIMISMO, EN EL EXTREMO DE ESTE BLOQUE DERECHO DE HOJAS Y EL EXTREMO DEL OPUESTO, TRAS DESCRIBIR CON AMBAS HOJAS UN CUARTO DE CIRCULO, UN BATIENTE CONSTITUIDO POR UN BLOQUE DE FIJACION DE CADA UNO DE LOS BLOQUES DE HOJAS DE LA MAMPARA EN EL MURO, COMPUESTO POR EL PERFIL (8) REGULABLE DE COMPENSACION ATORNILLABLE (10) AL MURO, CON SECCION EN U Y DOS JUNTAS ELASTICAS DE INTERCALACION ENTRE PERFIL Y MURO, MIENTRAS QUE UN PERFIL (12), DE CERCO, SE ALOJA A PLOMADA EN EL PRIMERO Y SE FIJA AL MISMO MEDIANTE TORNILLOS (17) OCULTOS, DISPONIENDOSE EN SUS EXTREMOS, LAS PLETINAS (6) Y ESCUADRA (7), CON SUS CORRESPONDIENTES TORNILLOS (3) CON ARANDELA (2) Y CON TAPA (5) ATORNILLABLE (4), MAS EL EMBELLECEDOR EXTERNO (1), SE DISPONE TAMBIEN DE UNOS PIVOTES (14) ENFRENTADOS ENTRE SI Y LISTOS PARA FIJAR COAXIALMENTE EL EJE DEL BATIENTE (16), SEPARADO DEL PERFIL DE CERCO (12) POR LA BANDA DE GOMA (13), SIENDO EL PERFIL BATIENTE (16) CILINDRICO, CON RANURADO CONTINUO RADIAL PARA EMBUTICION DE LA HOJA (22), DE VIDRIO TEMPLADO Y DISPONIENDOSE DE DOS PERFILES (15) ADICIONALES, DE ESTANQUEIDAD, EN SU EXTERIOR, UBICANDOSE EN LOS EXTREMOS, DE ESTE PERFIL BATIENTE, LOS CASQUILLOS (14) DE ENGARCE A PRESION, CON PERFORACIONES CENTRALES, PARA INTRODUCIR EN ELLOS LOS CITADOS PIVOTES DE LAS PLETINAS (6) DE SUJECION Y CERRANDO, EL REMATE (19) LA GOMA INFERIOR DE LA HOJA (25); INCORPORANDO, FINALMENTE, EN AMBOS EXTREMOS LIBRES DE CADA BLOQUE DE HOJAS, UN CIERRE CON DOS JUEGOS SIMETRICOS ESPECULARES, DE PERFILES COMPUESTOS POR LOS PERFILES DE FIJACION (33) Y (30) DEL ELEMENTO (22) DE LA HOJA Y, SIMULTANEAMENTE, DE LA BANDA MAGNETICA (29) DE CIERRE, UBICANDOSE EN LOS EXTREMOS DEL PERFIL PRINCIPAL (12) UNAS NUEVAS TAPAS (31), (32) Y (34) ATORNILLABLES, DE SUJECION DE LA BANDA MAGNETICA, COMPLETANDO EL CONJUNTO EL POMO DE LA MAMPARA, CON SUS TAPAS AMBELLECEDORAS (28), ARANDELAS (23) Y EL CUERPO (24) DEL TIRADOR. Bath screen, to ensure LATERALLY IN A resistive element of the building, BEING CONFIGURED IN TWO SEPARATE BLOCKS OF **sheets**, essentially, is characterized by incorporating, in both blocks, A CENTRAL JOINT, FORMED BY THE PROFILES (56) for holding both **sheets**. IF THEY ARE EXTENDED, EMBEDDED IN THESE **SHEETS** COPLANAR pivots (55) projecting from **connecting** pieces (54, 53 and 61), joined THROUGH THE SELF-TAPPING SCREWS TO THE CENTRAL BLOCK OF THE JOINT (58), allowing them to this block, TO BOTH PROFILES (4) Free rotation of 90 degrees, in the same and single direction, PRESENTING A SECTION OF SEMICUNAS opposite and two other small profiles, LOCATED IN THE INTERIOR OF EACH OF THE CONCAVITIES OF THE RESPECTIVE SEMICUNAS AND flap-shaped, which act as counter-GUIDE OF THE LEAVES OF THE SCREEN AND THE SEALING barrier, holding another series of pieces, THE LOWER SIDE OF EACH **SHEET** AND REMAIN THE SAME, THE ENDS PROFILES (25) DE GOMA, of the **fastener** element) OF THE BLADE OF THE FENCE THAT FITS INTO THE LOWER pivots (59), for ROTATION AND STOP LOWER SIDE OF THE **SHEET**, the pivot (60) auction, elastic PLASTIC MATERIAL, CONFIGURED AS SEMICASQUILLO SLIDING ON THE SET OF PARTS FORMED BY THE BOTTOM COVER (61), the REMATEATAPA **FOLD** KNOT (62), the **fold** lower, ALSO SEALING AND ELASTIC PLASTIC MATERIAL, AND THE BOTTOM PLATE (63), holding this Set of Pieces, using the two lower cap screws (12) SELF-TAPPING TO THE CENTRAL SECTION OF THE PROFILE; incorporates, also, AT THE END OF THIS BLOCK OF **SHEETS** AND THE RIGHT END OF THE OPPOSITE, after describing WITH BOTH **SHEETS** A quarter circle, a swing FORMED BY A BLOCK OF BLOQUES DE FIXING EACH OF THE LEAVES OF THE SCREEN IN THE WALL, consisting of the profile (8) adjustable screw (10) compensation to the wall, with U-section and two elastic joints of intercalation BETWEEN PROFILE AND WALL, WHILE A PROFILE (12), fence, IS HOUSED PLUMB IN THE FORMER AND IS FIXED THERETO by screws (17) hidden, provided at their ends, the plates (6) and bracket (7) WITH ITS SCREWS (3) with washer (2) and cap (5) screwed (4), plus the external (1) trim, also has pivots (14) FACING EACH OTHER AND READY FOR FIXING THE AXIS OF THE flap (16) coaxially), separately from the profile frame (12) BY THE RUBBER BAND (13), the flap (16) Cylindrical, with continuous grooved PROFILE FOR DRAWING THE **SHEET** (22) RADIAL, tempered glass and arranged two profiles (15), sealing, ON THE OUTSIDE, BEING LOCATED AT THE ENDS OF THIS PROFILE, swing, the bushings (14) crimping pressure, with central perforations for introducing into them said pivots of the plates (6) fastening and closing the top (19) Lower rubber **sheet** (25); finally, incorporating AT BOTH FREE ENDS OF EACH BLOCK OF **Sheets**, a mirror symmetrical, WITH TWO SETS OF PROFILES COMPOSED OF THE FIXING PROFILES (33) and (30) OF THE element (22) OF THE **SHEET** AND, simultaneously, of the magnetic strip (29) CLOSING, BEING LOCATED AT THE ENDS OF THE MAIN section (31), (12) A new covers (32) and (34) screw, holding the magnetic strip, completing the set the knob of the screen, with their lids AMBELLECEDORAS (28), washers (23) and the body (24) of the handle.

Probable Assignee: REVUELTA DEL CASTILLO

Earliest Publication Date: 19940216

18) Family number: 16440349 (ES1025864Y)

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MAMPARA DE BANO.

Abstract: Source: ES1025864U MAMPARA DE BANO, PARA ASEGURAR LATERALMENTE EN DOS ELEMENTOS RESISTENTES DE LA EDIFICACION, ORTOGONALES ENTRE SI QUE, SIENDO DE LAS QUE APOYAN DIRECTAMENTE SOBRE EL BORDE DEL SANITARIO Y ESTANDO CONFIGURADA EN DOS BLOQUES INDEPENDIENTES DE DOS HOJAS CADA UNO, ESENCIALMENTE, SE CARACTERIZA POR INCORPORAR, EN AMBOS BLOQUES, UNA ARTICULACION PARA DOS HOJAS DE MAMPARA, CONSTITUIDA POR LOS PERFILES (56), DE SUJECION DE AMBAS HOJAS, COPLANARIAS ESTANDO EXTENDIDAS, ENCASTRADAS ESTAS HOJAS EN PIVOTES (55) SOBRESALIENTES DE PIEZAS DE UNION (54, 53 Y 61), UNIDAS A TRAVES DE LOS TORNILLOS AUTORROSCADOS AL BLOQUE CENTRAL DE LA ARTICULACION (58), PERMITIENDOLES ESTE BLOQUE, A AMBOS PERFILES (4) UN GIRO LIBRE DE 90 GRADOS, EN EL MISMO Y UNICO SENTIDO, PRESENTANDO UNA SECCION DE SEMICUNAS OPUESTAS Y CON OTROS DOS PEQUEÑOS PERFILES, UBICADOS ESTOS EN EL INTERIOR DE CADA UNA DE LAS CONCAVIDADES DE LAS RESPECTIVAS SEMICUNAS Y CON FORMA DE ALETA, QUE ACTUAN COMO CONTRAGUÍA DE LAS HOJAS DE LA MAMPARA Y BARRERA DE ESTANQUEIDAD, ESTANDO OTRA SERIE DE PIEZAS, ELASTICAS EN DISTINTO GRADO, SITUADAS TODAS EN EL LADO INFERIOR, QUE DESCANSA EN EL RECIPIENTE DE BANO, SIENDO LAS MISMAS, LOS PERFILES EXTREMOS DE GOMA, DE FIJACION DE LA HOJA (25) DEL CERCO Y DE ESTANQUEIDAD DE LA MAMPARA QUE ENCAJAN EN LOS PIVOTES DE ESTANQUEIDAD INFERIORES (59), PARA GIRO Y TOPE LATERAL INFERIOR DE LA HOJA, MAS EL REMATE DE PIVOTE (60), TAMBIEN PARA ESTANQUEIDAD, DE MATERIAL PLASTICO ELASTICO, CONFIGURADO COMO SEMICASQUILLO DESLIZANTE SOBRE EL CONJUNTO DE PIEZAS FORMADO POR LA TAPA INFERIOR PARA NUDO DE PLIEGUE (61), EL REMATEATAPA INFERIOR (62), DEL NUDO DE PLIEGUE, TAMBIEN DE ESTANQUEIDAD Y EN MATERIAL PLASTICO ELASTICO Y LA PLETINA INFERIOR (63), DE SUJECION DE ESTE CONJUNTO DE PIEZAS, MEDIANTE LOS DOS TORNILLOS INFERIORES (12) AUTOROSCANTES AL TRAMO CENTRAL DEL PERFIL EN; INCORPORA, ASIMISMO, EN EL EXTREMO DE CADA BLOQUE DE HOJAS, UN BATIENTE, CONSTITUIDO POR UN BLOQUE DE FIJACION EN EL MURO, COMPUESTO POR EL PERFIL (8) REGULABLE DE COMPENSACION ATORNILLABLE (10) AL MURO, CON SECCION EN U Y DOS JUNTAS ELASTICAS DE INTERCALACION ENTRE PERFIL Y MURO, MIENTRAS QUE UN PERFIL (12), DE CERCO, SE ALOJA A PLOMADA EN EL PRIMERO Y SE FIJA MISMO MEDIANTE TORNILLOS (17) OCULTOS, DISPONIENDOSE EN SUS EXTREMOS, LAS PLETINAS (6) Y ESCUADRA (7), CON SUS CORRESPONDIENTES TORNILLOS (3) CON ARANDELA (2) Y CON TAPA (5) ATORNILLABLE (4), MAS EL EMBELLECEDOR EXTERNO (1), SE DISPONE TAMBIEN DE UNOS PIVOTES (14) ENFRENTADOS ENTRE SI Y LISTOS PARA FIJAR COAXIALMENTE EL EJE DEL BATIENTE (16), SEPARADO DEL PERFIL DE CERCO (12) POR LA BANDA DE GOMA (13), SIENDO EL PERFIL BATIENTE (16) CILINDRICO, CON RANURADO CONTINUO RADIAL PARA EMBUTICION DE LA HOJA (22), DE VIDRIO TEMPLADO Y DISPONIENDOSE DE DOS PERFILES (15) ADICIONALES, DE ESTANQUEIDAD, EN SU EXTERIOR, UBICANDOSE EN LOS EXTREMOS, DE ESTE PERFIL BATIENTE, LOS CASQUILLOS (14) DE ENGARCE A PRESION, CON PERFORACIONES CENTRALES, PARA INTRODUCIR EN ELLOS LOS CITADOS PIVOTES DE LAS PLETINAS (6) DE SUJECION Y CERRANDO, EL REMATE (19) EL BURLETE DE ESTANQUEIDAD (25); INCORPORANDO, FINALMENTE, EN AMBOS EXTREMOS LIBRES DE CADA BLOQUE DE HOJAS, UN CIERRE CON DOS JUEGOS SIMETRICOS ESPECULARES, DE PERFILES COMPUESTOS POR LOS PERFILES DE FIJACION (33) Y (30) DEL ELEMENTO (22) DE LA HOJA Y, SIMULTANEAMENTE, DE LA BANDA MAGNETICA (29) DE CIERRE, UBICANDOSE EN LOS EXTREMOS DEL PERFIL PRINCIPAL (12) UNAS NUEVAS TAPAS (31), (32) Y (34) ATORNILLABLES, DE SUJECION DE LA BANDA MAGNETICA, COMPLETANDO EL CONJUNTO EL POMO DE LA MAMPARA, CON SUS TAPAS EMBELLECEDORAS (28), ARANDELAS (23) Y EL CUERPO (24) DEL TIRADOR. Bath screen, to ensure laterally in two resistant ELEMENTS OF THE BUILDING, orthogonal to each other, being that REST DIRECTLY ON THE EDGE OF THE SANITARY AND BEING CONFIGURED IN TWO SEPARATE BLOCKS OF TWO **sheets** each, essentially, is characterized by incorporating, in both blocks, A HINGE FOR TWO **SHEETS** OF SCREEN, CONSTITUTED BY PROFILES (56), clamping of both **sheets**, coplanar being extended, embedded in these **sheets** (55 pivots **connecting** parts (54, 53) protruding from and through self-tapping screws 61), JOINED TO THE CENTRAL BLOCK OF THE JOINT (58), allowing them to this block, TO BOTH PROFILES (4) Free rotation of 90 degrees, in the same and single direction, PRESENTING A SECTION OF SEMICUNAS opposite and two other small profiles, LOCATED IN THE INTERIOR OF EACH OF THE CONCAVITIES OF THE RESPECTIVE flap-SHAPED AND SEMICUNAS, which act as counter-GUIDE OF THE LEAVES OF THE SCREEN AND BARRERADE, another series of pieces, elastic sealing in varying degrees, all located on the lower side, which rests on the container, REMAIN THE SAME, THE ENDS PROFILES OF RUBBER, FIXING THE BLADE (25) OF THE FENCE AND SEALING OF THE SCREEN THAT FIT IN THE LOWER seal (59), pivots TO STOP ROTATION AND LOWER SIDE OF THE **SHEET**, THE MORE THE TOP OF pivot (60), ALSO TO SEAL, elastic PLASTIC MATERIAL, CONFIGURED AS SLIDING SEMICASQUILLO On THE SET OF PARTS FORMED BY THE BOTTOM COVER (61), the REMATEATAPA **FOLD** KNOT (62), the **fold** lower, ALSO SEALING AND ELASTIC PLASTIC MATERIAL, AND THE BOTTOM PLATE (63), clamping of this set of pieces, using the two lower cap screws (12) SELF-TAPPING TO THE CENTRAL SECTION OF THE PROFILE; incorporates, also, AT THE END OF EACH BLOCK OF **Sheets**, a leaf, CONSTITUTED BY A FIXING BLOCK IN THE WALL, composed of the profile (8) adjustable screw (10) compensation to the wall, with U-section and two elastic joints of intercalation BETWEEN PROFILE AND WALL, WHILE A PROFILE (12), fence, IN THE FIRST AND IS FIXED IS HOUSED PLUMB SAME By screws (17) hidden, provided at their ends, the plates (6) and bracket (7), with their corresponding screws (3) with washer (2) and cap (5) screwed (4), plus the external (1) trim, also has pivots (14) FACING EACH OTHER AND READY FOR FIXING THE AXIS OF THE flap (16 coaxially), separately from the profile frame (12) BY THE RUBBER BAND (13), the flap (16) Cylindrical, with continuous grooved PROFILE FOR DRAWING THE **SHEET** (22) RADIAL, tempered glass and arranged two profiles (15), sealing, ON THE OUTSIDE, BEING LOCATED AT THE ENDS OF THIS PROFILE, swing, the bushings (14) crimping pressure, with central perforations for introducing into them said The plates (6) fastening pins and closing the top (19) The sealing strip (25); finally, incorporating AT BOTH FREE ENDS OF EACH BLOCK OF **Sheets**, a mirror symmetrical, WITH TWO SETS OF PROFILES COMPOSED OF THE FIXING PROFILES (33) and (30) of the element (22) OF THE **SHEET** AND, simultaneously, of the magnetic strip (29) CLOSING, BEING LOCATED AT THE ENDS OF THE MAIN section (31), (12) A new covers (32) and (34) screw, holding the magnetic strip, completing the set the knob of the screen, with their caps (28), washers (23) and the body (24) of the handle.

Probable Assignee: REVUELTA DEL CASTILLO

Earliest Publication Date: 19940216

19) Family number: 16440357 (ES1025865Y)

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MAMPARA DE BANO.

Abstract: Source: ES1025865U MAMPARA DE BANO, PARA ASEGURAR LATERALMENTE EN DOS ELEMENTOS RESISTENTES DE LA EDIFICACION, ORTOGONALES ENTRE SI QUE, SIENDO DE LAS QUE APOYAN, AL MENOS EN PARTE, DIRECTAMENTE SOBRE EL BORDE DEL SANITARIO Y ESTANDO CONFIGURADA EN DOS BLOQUES INDEPENDIENTES, DE DOS HOJAS EL PRIMERO Y DE UNA EL SEGUNDO, ESENCIALMENTE, SE CARACTERIZA POR INCORPORAR, EN EL DERECHO DE ELLOS, UNA ARTICULACION PARA DOS HOJAS DE MAMPARA, CONSTITUIDA POR LOS PERFILES (56), DE SUJECION DE AMBAS HOJAS, COPLANAR ENTRE SI ESTANDO EXTENDIDAS, ENCASTRADAS ESTAS HOJAS EN PIVOTES (55) SOBRESALIENTES DE PIEZAS DE UNION (54, 53 Y 61), UNIDAS A TRAVES DE LOS TORNILLOS AUTORROSCADOS AL BLOQUE CENTRAL DE LA ARTICULACION (58), PERMITIENDOLES ESTE BLOQUE, A AMBOS PERFILES (4) UN GIRO LIBRE DE 90 GRADOS, EN EL MISMO Y UNICO SENTIDO, PRESENTANDO UNA SECCION DE SEMICUNAS OPUESTAS Y CON OTROS DOS PEQUEÑOS PERFILES, UBICADOS ESTOS EN EL INTERIOR DE CADA UNA DE LAS CONCAVIDADES DE LAS RESPECTIVAS SEMICUNAS Y CON FORMA DE ALETA, QUE ACTUAN COMO CONTRAGUÍA DE LAS HOJAS DE LA MAMPARA Y BARRERA DE ESTANQUEIDAD, ESTANDO OTRA SERIE DE PIEZAS, ELASTICAS EN DISTINTO GRADO, SITUADAS TODAS EN EL LADO INFERIOR, QUE DESCANSA EN EL RECIPIENTE DE BANO, SIENDO LAS MISMAS, LOS PERFILES EXTREMOS DE GOMA, DE FIJACION DE LA HOJA (25) AL CERCO Y QUE ENCAJAN EN LOS PIVOTES DE ESTANQUEIDAD INFERIORES (59), PARA GIRO Y TOPE LATERAL INFERIOR DE LA HOJA, MAS EL REMATE DE PIVOTE (60), CONFIGURADO COMO SEMICASQUILLO DESLIZANTE SOBRE EL CONJUNTO DE PIEZAS FORMADO POR LA TAPA INFERIOR PARA NUDO DE PLIEGUE (61), EL REMATEATAPA INFERIOR (62), DEL NUDO DE PLIEGUE, Y LA PLETINA INFERIOR (63), DE SUJECION DE ESTE CONJUNTO DE PIEZAS, MEDIANTE LOS DOS TORNILLOS INFERIORES (12) AUTORROSCANTES AL TRAMO CENTRAL DEL PERFIL EN <T; INCORPORA, ASIMISMO, EN EL EXTREMO DE CADA BLOQUE DE HOJAS, UN BATIENTE, CONSTITUIDO POR UN BLOQUE DE FIJACION EN EL MURO, COMPUESTO POR EL PERFIL (8) REGULABLE DE COMPENSACION ATORNILLABLE (10) AL MURO, CON SECCION EN U Y DOS JUNTAS ELASTICAS DE INTERCALACION ENTRE PERFIL Y MURO, MIENTRAS QUE UN PERFIL (12), DE CERCO, SE ALOJA A PLOMADA EN EL PRIMERO Y SE FIJA AL MISMO MEDIANTE TORNILLOS (17) OCULTOS, DISPONIENDOSE EN SUS EXTREMOS, LAS PLETINAS (6) Y ESCUADRA (7), CON SUS CORRESPONDIENTES TORNILLOS (3) CON ARANDELA (2) Y CON TAPA (5) ATORNILLABLE (4), MAS EL EMBELLECEDOR EXTERNO (1), SE DISPONE TAMBIEN DE UNOS PIVOTES (14) ENFRENTADOS ENTRE SI Y LISTOS PARA FIJAR COAXIALMENTE EL EJE DEL BATIENTE (16), SEPARADO DEL PERFIL DE CERCO (12) POR LA BANDA DE GOMA (13), SIENDO EL PERFIL BATIENTE (16) CILINDRICO, CON RANURADO CONTINUO RADIAL PARA EMBUTICION DE LA HOJA (22), DE VIDRIO TEMPLADO Y DISPONIENDOSE DE DOS PERFILES (15) ADICIONALES, DE ESTANQUEIDAD, ENSU EXTERIOR, UBICANDOSE EN LOS EXTREMOS, DE ESTE PERFIL BATIENTE, LOS CASQUILLOS (14) DE ENGARGE A PRESION, CON PERFORACIONES CENTRALES, PARA INTRODUCIR EN ELLOS LOS CITADOS PIVOTES DE LAS PLETINAS (6) DE SUJECION Y CERRANDO, EL REMATE (19) EL BURLETE DE ESTANQUEIDAD (25): INCORPORANDO, FINALMENTE, EN AMBOS EXTREMOS LIBRES DE CADA BLOQUE DE HOJAS, UN CIERRE CON DOS JUEGOS SIMETRICOS ESPECULARES, DE PERFILES COMPUESTOS POR LOS PERFILES DE FIJACION (33) Y (30) DEL ELEMENTO (22) DE LA HOJA Y, SIMULTANEAMENTE, DE LA BANDA MAGNETICA (29) DE CIERRE, UBICANDOSE EN LOS EXTREMOS DEL PERFIL PRINCIPAL (12) UNAS NUEVAS TAPAS (31), (32) Y (34) ATORNILLABLES, DE SUJECION DE LA BANDA MAGNETICA, COMPLETANDO EL CONJUNTO EL POMO DE LA MAMPARA, CON SUS TAPAS EMBELLECEDORAS (28), ARANDELAS (23) Y EL CUERPO (24) DEL TIRADOR. Bath screen, to ensure laterally in two resistant ELEMENTS OF THE BUILDING, orthogonal to each other, BEING THAT SUPPORT, AT LEAST IN PART, DIRECTLY ON THE EDGE OF THE TOILET AND BEING CONFIGURED IN TWO SEPARATE BLOCKS, TWO **SHEETS** OF THE FIRST AND THE SECOND, essentially, is characterized by incorporating, IN THE RIGHT OF THEM, A JOINT FOR TWO **SHEETS** OF SCREEN, CONSTITUTED BY PROFILES (56), clamping of both **sheets**, COPLANAR WITH EACH OTHER BEING EXTENDED, embedded in these **sheets** pivots (55) projecting from **connecting** parts (54, 53 and 61), joined THROUGH THE SELF-TAPPING SCREWS TO THE CENTRAL BLOCK OF THE JOINT (58), allowing them to this block, TO BOTH PROFILES (4) Free Rotation Of 90 degrees, in the same and single direction, PRESENTING A SECTION OF SEMICUNAS opposite and two other small profiles, LOCATED IN THE INTERIOR OF EACH OF THE CONCAVITIES OF THE RESPECTIVE flap-SHAPED AND SEMICUNAS, which act as counter-GUIDE OF THE LEAVES OF THE SCREEN AND THE SEALING barrier, another series of pieces, elastic in varying degrees, all located on the lower side, which rests on the container, REMAIN THE SAME, THE ENDS PROFILES OF RUBBER, FIXING THE BLADE (25) TO THE FENCE AND THAT FIT IN THE LOWER seal (59), pivots TO STOP ROTATION AND LOWER SIDE OF THE **SHEET**, the pivot pin (60), CONFIGURED AS AUCTION SEMICASQUILLO SLIDING ON THE SET OF PARTS FORMED BY THE BOTTOM COVER (61), the REMATEATAPA KNOT **fold** lower (62) of the knot, and the bottom plate (63 **fold**), **FASTENERS** OF THIS set of pieces, using the two lower cap screws (12) Self-tapping screws to the CENTRAL SECTION OF THE PROFILE <T; incorporates, also, AT THE END OF EACH BLOCK Of **Sheets**, a leaf, CONSTITUTED BY A FIXING BLOCK IN THE WALL, composed of the profile (8) adjustable screw (10) compensation to the wall, with U-section and two elastic joints of intercalation BETWEEN PROFILE AND WALL, WHILE A PROFILE (12), fence, IS HOUSED PLUMB IN THE FORMER AND IS FIXED THERETO by screws (17) Hidden, provided at their ends, the plates (6) and bracket (7), with their corresponding screws (3) with washer (2) and cap (5) screwed (4), plus the external (1) trim, also has pivots (14) FACING EACH OTHER AND READY FOR FIXING THE AXIS OF THE flap (16 coaxially), separately from the profile frame (12) BY THE RUBBER BAND (13), the flap (16) Cylindrical, with continuous grooved PROFILE FOR DRAWING THE **SHEET** (22) RADIAL, tempered glass and arranged two profiles (15), OUTER SEAL, inits, placing at the ends, of this profile wing, the bushings (14) crimping pressure, with central perforations for introducing into them said pivots OF THE PLATES (6) clamping AND CLOSING THE TOP (19) The sealing strip (25): incorporating, finally, on both free ENDS OF EACH BLOCK Of **Sheets**, a mirror symmetrical, WITH TWO SETS OF PROFILES COMPOSED OF THE FIXING PROFILES (33) and (30) of the element (22) OF THE **SHEET** AND, simultaneously, of the magnetic strip (29) CLOSING, BEING LOCATED AT THE ENDS OF THE MAIN section (31), (12) A new covers (32) and (34) screw, holding the magnetic strip, completing the set the knob of the screen, with their caps (28), washers (23) and the body (24) of the handle.

Probable Assignee: REVUELTA DEL CASTILLO AMANCIO

Earliest Publication Date: 19940216

20) Family number: 16937366 (DE29715548U1)

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CLOTH DONOR

Abstract: Source: DE29715548U1 (Claim 1) 1. Tuchspender mit einem Behältergehaeuse (10), das einen Tuchstapel geeignet aufnehmen kann, dadurch gekennzeichnet, dassdas Behältergehaeuse (10) mit einer Oeffnung (11) versehen ist, die mit wenigstens zwei Verschlussansaetzen(12) an ihren beiden Seiten versehen ist, wobei die Verschlussansaetze (12) jeweils mit einem Befestigungsselement(121) versehen sind, so dass die Verschlussansaetze (12) miteinander in Eingriff gebracht werden koennen, umdie Oeffnung (11) zu verschliessen; und wobeieine Seite des Behältergehaeuses (10) mit einer Befestigungsvorrichtung (13) versehen ist.

Machine translation: (Claim 1) 1 Towel dispenser with a Behältergehaeuse (10), that can hold a cloth **stack** suitable, characterized dassdas Behältergehaeuse (10) with an opening (11), is to be at least two Verschlussansaetzen (12) provided at both sides, with the Verschlussansaetze (12) each with a **fastener** (121) are provided, so that closed off the Verschlussansaetze (12) are engaged with each other can, umdie opening (11), and wobeieine side of Behältergehaeuses (10) with a fastening device (13) provided is.

Probable Assignee: CHEN CHUN CHIA

Earliest Publication Date: 19971106

21) Family number: 17718799 (DE29508983U1)

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RETAINING CLAMP FOR A PACKING, WHICH ENCLOSES A UMSCHLOSSENE CLOTH ARRANGEMENT

Abstract: Source: DE29508983U1 (Claim 1) **GEBRAUECHS MU STERANSPR Ue CHE** "Verschlussklammer fuer eine Verpackung welche eine umschlossene Tuecheranordnung umschliesst" dadurch gekennzeichnet e t, dass die Verschlussklammer in der Mitte, Fig.

Machine translation: (Claim 1) td **GEBRAUECHS MU STERANSPR Ue CHE** "closure clip for a packaging which encloses an enclosed Tuecheranordnung" marked containers by et, that the closing parenthesis in the middle, Fig

Probable Assignee: BRAEM GUENTHER

Earliest Publication Date: 19951102

22) Family number: 18058303 (DE2227115A1)

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**MASSEN-HYGIENE-UTENSILIEN IM SANITAERTOILETTEN-HYGIENE-BEREICH FUER GESUNDHEITSTECHNIK UND UMWELTSCHUTZ
MASS UTENSILS IN HYGIENE HYGIENE SANITAERTOILETTEN AREA FOR HEALTH TECHNOLOGY AND ENVIRONMENT PROTECTION (MACHINE TRANSLATION)**

Abstract: Source: DE2227115A1 (Claim1) Massen-Hygiene-Utensil fuer Toiletten-, Bad- bzw Waschräume in Büro- und Industriebetrieben, Hotels, Gaststaetten, Schulen, Behoerden, Mehr personen-Haushalte, Spitaeler, Verkehrsmittel, Bahnhöfe sowie Kasernen und dergleichen Menschen silos, dadurch gekennzeichnet, dass mindestens je ein kombinierter Trocken-Feuchtreiniger (1 1) und/oder ein Magazin fuer Trocken-Feuchtreiniger (.

Machine translation: (Claim1) mass hygiene utensil for toilets, bath or Waschräume in office and industrial premises, hotels, restaurants, schools, government agencies, multi-person households, hospitals, public transport, railway stations and barracks and the like humans silos, characterized that at least a combined dry-wet depending Cleaner (1 1) and / or a magazine for wet-dry cleaners (.

Probable Assignee: 8000 MUENCHEN

Earliest Publication Date: 19731213

23) Family number: 20383708 (US5802627A)

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FLUID OPERATED TILTING BOWL TOILET

Abstract: Source: US5802627A PCT No. PCT/CA95/00121 Sec. 371 Date Aug. 8, 1996 Sec. 102(e) Date Aug. 8, 1996 PCT Filed Feb. 28, 1995 PCT Pub. No. WO95/23261 PCT Pub. Date Aug. 31, 1995A toilet including a frame defining a chamber, a toilet bowl disposed within the chamber between an upper and a lower chamber region, and a tilting bowl in the lower chamber region of the frame. The toilet bowl has a lower discharge opening in communication between the upper and lower chamber regions. The tilting bowl defines a fluid-receiving volume, and is mounted for pivoting movement relative to the toilet bowl between a first position with the fluid-receiving volume at least partially overlapping the toilet bowl and containing the lower discharge opening, and a second position permitting flow of fluid from the toilet bowl, through the lower discharge opening, and from the fluid-receiving volume into the lower chamber region. At standby, the tilting bowl, in first position, retains a first volume of fluid sufficient to engage the lower discharge opening and restrict flow of gas therethrough. In response to supply water, the tilting bowl starts to tilt to discharge its content when the volume of fluid reaches a predetermined weight or fluid level.

Probable Assignee: SHU KI YEUNG

Earliest Publication Date: 19950831

24) Family number: 21831120 (US2518604A)

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BABY BATHING APPLIANCE

Abstract: Source: US2518604A (Claim 1) 1- A wmpactible baby bathing appliance cornlll-"1SiI1s a depthwise collapsible bathing tub having a rigid rim with shorter ends than sides and a pliable body which is attached to and is extensible from said rim to hold water and is collapsible toward said rim to compactively nagten the tub depthwise of the tub, an articleholding shelf **stack** adapted to stand upright alone and to which one end of the rim of said tub is hinged for downward and inward swinging of the tub against the rear of said shelf **stack** and a support hingedly **connected** to the other end of said tub rim for **folding** of said support upward and inward between the tub and said shelf **stack** into substantial parallelism with the tub rim to collapse the tub body between said rim and said support and permit the collapsed tub and support to be **folded** against the rear of said **stack** with said support extending upward toward the hinge **connection** of the tub rim with said shelf **stack**.

Probable Assignee: DOUGLAS PEYTON W

Earliest Publication Date: 19500815

25) Family number: 22204536 (US2990946A)

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TISSUE HOLDERS

Abstract: Source: US2990946A (Claim 1) 1. A tissue holder which includes: a front rectangular side; a rear rectangular side attached to an edge of said front side by a **fold**; flap means attached to an edge of said front side remote from said rear side; retainin_ means, adapted to retain a **stack** of tissues of smaller dimensioids than the dimensions of said front side and of said rear side, attached to one of said sides, said retainirig means comprišina a retaining strap secured at each of its ends to one o? said sides so as to be parallel with an edge of said side; adjustable strap means, one end of said strap means being secured to one of said sides and said strap means being adaptedcl to extend completely arouiid both of said sides, when said sides are **folded** together so as to cover a **stack** of tissues retained by said retaining means; and co-acting snap means mounted on both ends of said strap means and adapted to secure said ends together, said snap means including a buckle mounted on one end of said strap means.

Probable Assignee: SHELDON FLORENCE B

Earliest Publication Date: 19610704

26) Family number: 22728675 (US3095996A)

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FOLDED SHEET DISPENSER

Abstract: Source: US3095996A (Claim 1) 1. 'In combination, a dispenser and a **stack** of **folded sheets** positioned in said dispenser to be individually withdrawn therefrom; each of said **sheets** comprising a pair of rectangular panels hingedly **connected** with each other along a **fold** line, the panels of adjacent **sheets** in said **stack** being interfolded with each other whereby withdrawal of one **sheet** from said dispenser automatically withdraws at least partially with, panel of another **sheet** which is interfolded therewith; said dispenser comprising a housing to be vertically mounted on a supporting surface, a **sheet** dispensing opening in an end of said housing through which individual **sheets** are withdrawable, a platform movably mounted in said housing on which said **stack** of **sheets** is supported, means normally urging said platform toward said housing end whereby the outermost **sheet** in said **stack** is engaged with said end; said dispensing opening -being non-rectangular in configuration and having major and minor axes, the lengths of the major and minor axes of said dispensing opening being substantially equal to the respective major and minor dimensions of the **folded sheets** of said **stack**, said **sheets** being oriented in said housing with their **fold** lines and major dimension extending in the same direction as the major axis of said opening, whereby corner portions of the **sheets** of said **stack** are engaged with said housing end. Z.

Probable Assignee: CROWN ZELLERBACH CORP

Earliest Publication Date: 19630702

27) Family number: 28211122 (US2003062376A)

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DISPENSER WITH AUTO-START TAB

Abstract: Source: US2003062376A An auto-start dispensing container for **sheet** products includes a sealing member secured to a first **sheet** to be dispensed from the container. In a preferred embodiment, there is provided an auto-start dispenser for dispensing moistened inter-**folded** wipes which includes: (a) a container provided with a dispensing aperture for receiving a plurality of moist wipes; (b) a removable sealing member affixed to said container to seal the aperture wherein the sealing member and the container form an enclosure adapted to retain moisture; and (c) a lead **sheet** engaged with the plurality of moist wipes and secured to said removable sealing member, the removable sealing member and the lead **sheet** being adapted to draw a moist wipe partially through the aperture upon removal of the sealing member from the container. Preferably, the lead **sheet** is affixed to the removable sealing member by way of a hot-melt adhesive.

Probable Assignee: GPCP IP HOLDINGS LLC

Earliest Publication Date: 20030314

28) Family number: 28665240 (US2003110557A)

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PERSONAL CLEANSING SYSTEM

Abstract: Source: US2003110557A A personal cleansing system for substantially dry wiping articles is described suitable for use in a shower environment, utilizing a shell enclosing the wiping articles having a dispensing slot formed along the shell, a closure means, and a support device secured to the shell.

Probable Assignee: UNILEVER HOME AND PERSONAL CARE USA DIVISION OF CONOPCO INC

Earliest Publication Date: 20030619

29) Family number: 29370129 (US5090592A)

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NOSE PIECE FOR **FOLDED SHEET** PRODUCT DISPENSER

Abstract: Source: US5090592A An apparatus and method for serially dispensing discrete **folded sheet** products from a **stack** through an opening in a nose piece. The nose piece includes two pairs of contact elements disposed at different planes whereby the napkin prior to dispensing is subjected to two sequential bending steps with the bends being formed at right angles to one another. During the bending steps a flap terminal end is unsupported by the nose piece over the central portion of the flap terminal end and the bending of the **folded sheet** product urges the flap terminal end outwardly of the rest of the product to facilitate grasping and removal.

Probable Assignee: JAMES RIVER PAPER CO INC

Earliest Publication Date: 19920225

30) Family number: 29953104 (US6548135B)

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ABSORBENT ARTICLE TABLET

Abstract: Source: US6548135B An absorbent tablet is provided for the quick and convenient cleanup of persons, dirt, grime, spills, leaks, drips, sprays, etc. The absorbent tablet generally includes a substantially rigid backing **sheet** and a plurality of absorbent **sheets stacked** on top of the backing **sheet**, one on top of the other. Each of the absorbent **sheets** has absorbent properties for addressing dirt cleanup and liquid cleanup and containment. A binding element binds the backing **sheet** and the plurality of absorbent **sheets** together along one edge thereof to form the absorbent tablet. A weakened line is formed in each of the absorbent **sheets** along the one edge thereof adjacent the binding, enabling individual absorbent **sheets** to be torn and removed from the tablet. The absorbent tablet may be hung at an appropriate location for use via a hanging element **connected** to the backing **sheet** and designed for such purposes.

Probable Assignee: NEW PIG CORP

Earliest Publication Date: 20020620

31) Family number: 29995044 (US2003218040A)

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METHOD FOR STORING AND DISPENSING WET WIPES

Abstract: Source: US2003218040A There is provided a method for storing and dispensing wet wipes, comprising: providing a dispenser and a plurality of releasably **connected** wet wipes; positioning a leading wet wipe of the plurality of releasably **connected** wet wipes in a dispensing opening in communication with the chamber, dispensing the plurality of releasably **connected** wet wipes in a direction away from the dispensing opening; and manually separating the leading wet wipe from an immediately trailing wet wipe, by various ways, while also maintaining a portion of each of the leading wet wipe and the trailing wet wipe in the dispensing opening.

Probable Assignee: KIMBERLY CLARK CORP

32) Family number: 30180530 (US2004149879A)

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QUICK RELEASE BASE AND MOUNTING BRACKET FOR NAPKIN DISPENSER

Abstract: Source: US2004149879A A countertop mounting base and bracket for a napkin dispenser includes a base with a generally planar upper surface provided with a sidewall having a stepped locking recess adapted to cooperate with a stepped tongue of a mounting bracket which is secured directly to the counter. The base and bracket allow for the quick release of a gravity feed napkin dispenser, for example, mounted on the countertop.

Probable Assignee: GPCP IP HOLDINGS LLC**Earliest Publication Date:** 20031230**33) Family number: 31152144** (US2004206768A)

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CONTAINER AND CARTRIDGE FOR DISPENSING PAPER PRODUCTS

Abstract: Source: US2004206768A The present invention provides a container for dispensing individual paper products that includes a housing, a cover hingedly or removably attached to the housing wherein the cover defines a dispensing opening, a means for elevating paper products, and a plunger disposed in the interior area of the housing. The plunger is urged toward the dispensing opening by the means for elevating paper products. The container may be included in a system for dispensing paper products that further includes a cartridge containing paper products. The cartridge defines a dispensing opening and a second opening wherein the means for elevating paper products extends through the second opening into the interior area of the cartridge to contact the paper products and urge the paper products toward the dispensing opening.

Probable Assignee: KIMBERLY CLARK CORP**Earliest Publication Date:** 20041021**34) Family number: 31152145** (US2004206769A)

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CONTAINER AND CARTRIDGE FOR DISPENSING PAPER PRODUCTS

Abstract: Source: US2004206769A The present invention provides a container for dispensing individual paper products that includes a housing, a cover hingedly or removably attached to the housing wherein the cover defines a dispensing opening, a means for elevating paper products, and a plunger disposed in the interior area of the housing. The plunger is urged toward the dispensing opening by the means for elevating paper products. The container may be included in a system for dispensing paper products that further includes a cartridge containing paper products. The cartridge defines a dispensing opening and a second opening wherein the means for elevating paper products extends through the second opening into the interior area of the cartridge to contact the paper products and urge the paper products toward the dispensing opening.

Probable Assignee: KIMBERLY CLARK CORP**Earliest Publication Date:** 20041021**35) Family number: 32017466** (US2005139719A)

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FREESTANDING DISPENSER FOR DISPENSING TWO DIFFERENT SUBSTRATES

Abstract: Source: US2005139719A A freestanding dispenser for dual dispensing of a wet substrate and a dry substrate includes: a base for supporting the freestanding dispenser on a substantially horizontal surface; a support member **connected** to the base, the support member holding a roll of a dry substrate in a substantially vertical position; and a source of a wet substrate supported by the freestanding dispenser.

Probable Assignee: KIMBERLY CLARK CORP**Earliest Publication Date:** 20050623**36) Family number: 33534551** (WO0176438A1)

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METHOD FOR DISPENSING WET WIPES

Abstract: There is provided a method for dispensing wet wipes. The method may include mounting a dispenser, inserting a container of wet wipes, threading the wipes through the dispenser, and separating a portion of wipes. The container may have the ability to be inserted into the dispenser in a preselected manner based on the desired orientation of the wipes contained therein.

Probable Assignee: KIMBERLY CLARK CORP**Earliest Publication Date:** 20011018**37) Family number: 3630779** (FR2327178A)

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PERFECTIONNEMENTS AU DISTRIBUTEUR DE FEUILLES EN PAQUET DISTRIBUTOR BOX FOR PACKETS OF **SHEETS OF PAPER - HAS HINGED CENTRAL PLATE WHICH FORCES **SHEETS** TO FRONT OF BOX AS PACKET SIZE IS REDUCED**

Abstract: Source: FR2327178A (Claim 1) 1/ Boite destinee a recevoir un paquet de feuilles1 generalement repliees sur elles-memes en quinconce, equipee lateralement d'une fente dwot l'on peut extraire une a une les feuilles du-paquet, ladite boite 1 comportant des moyens pour assurer une pression sur le paquet de feuilles et, eventuellement des moyens pour suspendre la boite sur une paroi, caracterisee en ce que le moyen pour assurer la pression sur le paquet de feuilles se compose essentiellement de deux palettes 3 et 4, articulees sur leur base, respectivement en haut et en bas de la face interne 2 de la boite 1 situee a l'oppose de la face comportant la fente d'extraction, la palette du bas 4 ayant sensiblement la forme d'un U dont les deux branches portent a leur extremite libre les contre-poids 7 et 8, et la palette du haut 3 venant se loger entre les deux branches du U de la palette du bas 4. The box is rectangular and is of the same size as the paper so that there is no free space around the edges of the packet. The back of the box is fitted with a central plate (3) which is hinged at the top of the box and allowed to swing towards the front. The bottom near corner of the box is fitted with another plate (4) which is in the form of a U. The branches of the U fit either side of the top plate (3). The bottom plate is fitted with counterweights (7) and (8) and prevented from falling flat by the cards (12) and (13).

Probable Assignee: SARRE EDOUARD

Earliest Publication Date: 19770506

38) Family number: 41819960 (US2008116314A)

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SYSTEM AND METHOD FOR DISPENSING PAPER TOWEL

Abstract: Source: US2008116314A A paper towel dispenser is sized to fit within an existing recessed cabinet. The dispenser includes a frame, a pair of roll supports, and a dispensing mechanism. The pair of roll supports are supported by the frame to provide support to a roll of paper towel. The dispenser is also supported by the frame, and operates to dispense the paper towel.

Probable Assignee: WAUSAU PAPER TOWEL AND TISSUE LLC

Earliest Publication Date: 20080522

39) Family number: 8731275 (US6550635B)

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PORTABLE FOLDED WIPER SYSTEM

Abstract: Source: US6550635B A portable **folded** wiper dispensing system for dispensing flexible **sheets** from a **stack** of **sheets**. The system includes a refillable apparatus and a **stack** of **sheets**. The refillable apparatus is composed of: 1) a relatively flat, flexible base devoid of dispensing slots, the flexible base being adapted to resiliently **fold** along a **fold** axis; and 2) a flexible cover defining an opening aligned in parallel relation to the **fold** axis of the flexible base such that the flexible cover is attached to said flexible base and is adapted to contain a **stack** of **sheets**. The opening defines a dispensing slot through which flexible **sheets** may be individually dispensed while the flexible base remains unfolded. When the flexible base is **folded** back along the **fold** axis, the opening defines a refill gap through which a **stack** of flexible **sheets** may be inserted. The **stack** of **sheets** may be in the form of a pack of **sheets** within a plastic wrap provided with an aperture along a major face of the pack which conforms to the dispensing slot of the apparatus.

Probable Assignee: KIMBERLY CLARK CORP

Earliest Publication Date: 19961031

40) Family number: 965769 (US3600049A)

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SHEET MATERIAL DISPENSING CABINET, CONVERSION UNIT AND METHOD

Abstract: Source: US3600049A (Claim 1) 1. In a cabinet for dispensing **sheet** material, the combination of: a housing defining a space normally adapted to contain a **stack** of **folded sheet** material, but capable of containing a roll of wound **sheet** material to be dispensed, said housing having a bottom wall with an elongate dispensing opening therein through which **sheet** material is withdrawn, feed means disposed beneath said dispensing opening and removably attached to said housing, said feed means being adapted to receive **sheet** material issuing through said dispensing opening and to grip successive portions thereof to draw said **sheet** material from said housing, whereby said cabinet is adapted to dispense **sheet** material from a wound roll.

Probable Assignee: SCOTT PAPER CO

Earliest Publication Date: 19710817

41) Family number: 11702841 (US5950863A)

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SHEET DISPENSER INSERT

Abstract: Source: US5950863A An insert device for a **sheet** dispenser having a housing for receiving a **stack** of **folded sheets**, a bottom opening of the housing being formed as a rounded elongate slot having an enlarged center portion, includes a rear panel portion; an upwardly and forwardly sloping front ramp portion, a pair of side panel portions **connecting** the front ramp portion to the rear panel portion; and a ledge portion extending forwardly from the panel portion toward the ramp portion. Also disclosed is a method for bottom loading of the insert device (with **stacked sheets** therein) into a dispenser having door members defining a bottom opening thereof.

Probable Assignee: DISPENSING DYNAMICS INT

Earliest Publication Date: 19990914

42) Family number: 2362854 (US4380836A)

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COLLAPSIBLE TOILET SHELTER

Abstract: Source: US4380836A A shelter specially adapted to function as a portable toilet is disclosed being collapsible for ease of shipment. Inefficiencies of shipping fully assembled portable toilet shelters are eliminated by a modular construction shelter having **foldable** walls, a removable roof, base member and commode.

Probable Assignee: NATIONAL MANAGEMENT CORP

Earliest Publication Date: 19830426

43) Family number: 28038558 (US2003019536A)

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APPARATUS AND METHOD TO MONITOR THE USAGE OF A NETWORK SYSTEM OF PERSONAL HAND SANITIZING DISPENSERS

Abstract: Source: US2003019536A Disclosed are a type of institutional or hospital network system of personal, portable hand cleaning agent dispensers and a method to record and report their specific usage by healthcare workers and patients of the institution or hospital through a dispenser control apparatus having a computer processor memory. In one form, each dispenser has an identifier unique to it and shared with no other dispenser. Each dispenser contains hand cleaning fluid agent in an amount sufficient to provide multiple shots of predetermined amount (or unit dose size) upon pressing a pad on the dispenser to dispense one shot per press. Each worker has an identifier unique to that worker. In one form, dispensers are refillable and are issued from and returned to a control station that refills the dispensers and for each of them, records into a computer, the dispenser by that dispenser's unique identifier, the worker by that worker's unique identifier, and the quantity of hand cleaning fluid used by said dispenser, and reports from the data collected by said computer, who used what dispenser, during what time frame, and how much hand cleaning fluid was used by said worker using said dispenser during said time frame. In other forms, the dispensers have replaceable throw-away, agent-containing cartridges of single or multiple storage compartments, the dispensers being refillable with new cartridges from control and release stations.

Probable Assignee: SAGE PRODUCTS LLC

Earliest Publication Date: 20030130

44) Family number: 29088090 (WO03078286A1)

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APPARATUS AND METHOD TO DISPENSE FLEXIBLE MATERIAL

Abstract: A powered dispenser for dispensing individual **sheet** segments from a continuous roll of **sheet** material. The **sheet** material (17) has spaced tear lines (19). The dispenser (1) has a releasable powered drive mechanism (47) and a power supply system (95, 97). There is a pair of towel sensors (111, 113) to sense the presence of **sheet** material (17) in a discharge chute (41). The sensors (111, 113) are coupled with a microprocessor (115) to detect a leading edge of the material (17). Utilizing signals from the sensors (111, 113) and a capacitive sensing system (C10, C12), the system senses the presence of a user.

Probable Assignee: GEORGIA PACIFIC RESIN INC

Earliest Publication Date: 20030925

45) Family number: 29112689 (US2003183644A)

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TRI-FOLD **SHEET** DISPENSER

Abstract: Source: US2003183644A A dispenser for dispensing precut interleaved **sheets**; the dispenser has a main body which defines a **sheet** storage cavity. A cover is adjustably coupled to the main body. The cover is also adjustable to orient the dispenser in a dispensing position wherein said cover is oriented to define an elongated opening to allow for egress of precut interleaved **folded sheets**.

Probable Assignee: HANDI FOIL CORP

Earliest Publication Date: 20031002

46) Family number: 32067243 (US2005178783A)

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MODULAR WOUND-CARE SYSTEM

Abstract: Source: US2005178783A A customizable system (**100**) made up of a plurality of individual modules for dispensing minor wound-care products with one hand. The modules are easily attached to and disconnected from each other to provide an integrated dispensing device of variable size that may be accessed quickly and efficiently. The system includes one or more disposable bandage modules (**110**) having a top wall (**111**), a bottom wall (**112**), a front wall (**113**), a back wall (**114**), a right side wall (**115**), and a left side wall (**116**). The walls are permanently joined together to form a body (**117**) having an internal cavity (**118**). The bandage modules include an opening (**119**) on the front wall, a cutting edge (**120**) within the opening, and one or more module-joining attachments (**121**) on said side walls (**115**) and (**116**). The system may also include one or more accessory modules.

Probable Assignee: FOSSA KATHRYN A

Earliest Publication Date: 20050714

47) Family number: 32198609 (US2005189455A)

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WIPER BRAKET

Abstract: Source: US2005189455A A bracket for supporting a container of absorbent **sheet** products includes first and second side walls each having a flange section perpendicular thereto for mounting to a substantially vertical mounting surface. A cross member extends between the first and second side walls as a front member. At least one bottom portion extends between the first and second side walls perpendicular to the cross member. The bottom portion is structured and arranged to be spaced apart from the mounting surface so that various containers of absorbent **sheets** can be arranged in the bracket to be dispensed from the top, bottom or front depending on the particular container.

Probable Assignee: SCA TISSUE NORTH AMERICA LLC

Earliest Publication Date: 20050901

48) Family number: 32437795 (US2005261655A)

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KIT OF INDIVIDUALLY-PACKAGED SANITARY NAPKIN AND INDIVIDUALLY PACKAGED WIPE

Abstract: Source: US2005261655A The present invention relates to the field of sanitary absorbent articles of personal hygiene. A particular focus of the present invention are absorbent articles of feminine hygiene. The present invention provides individually-packaged absorbent articles in combination with individually-packaged wipes. At least one of the package of the absorbent article and the package of the wipe is provided with an attachment means on its outside, which allows attachment of the other package to it. Thereby the user of the absorbent article is given the opportunity to combine an individually-packaged absorbent article with an individually-packaged wipe on demand.

Probable Assignee: PROCTER AND GAMBLE CO

Earliest Publication Date: 20051124

GRAVITY-FEED NAPKIN DISPENSER WITH INTERNAL BLOCKING ASSEMBLY

Abstract: Source: US2006071012A A gravity-feed dispenser includes an internal blocker assembly to prevent **folded sheet** from falling away from the dispensing aperture. A preferred embodiment includes a spring biased blocker arm which cooperates with a spring biased guide plate to maintain the napkins in position throughout dispensing of the **stack**, especially when the **stack** is depleted and of insufficient weight to urge the remaining **sheets** into position. In a preferred embodiment, the dispenser is provided with a convertible support, suitable for mounting the dispenser on either a wall or a countertop with a quick release mounting bracket.

Probable Assignee: GPCP IP HOLDINGS LLC

Earliest Publication Date: 20060223

DISPENSER FOR PREMOISTENED WIPES

Abstract: Source: US2002190154A A compact dispenser for both premoistened wipes and dry bathroom tissue. The dispenser includes a first compartment for the premoistened wipes. The premoistened wipes may be placed in a removable tray in the first compartment. The dry bathroom tissue may be supported on a roll bar and be partially positioned in a second compartment of the dispenser. The dispenser may be mounted to a conventional bathroom tissue fixture using a mounting device.

Probable Assignee: KIMBERLY CLARK CORP

Earliest Publication Date: 20021219

CONTAINER AND CARTRIDGE FOR DISPENSING PAPER PRODUCTS

Abstract: Source: US2006273101A The present invention provides a container for dispensing individual paper products that includes a housing, a cover hingedly or removably attached to the housing wherein the cover defines a dispensing opening, a means for elevating paper products, and a plunger disposed in the interior area of the housing. The plunger is urged toward the dispensing opening by the means for elevating paper products. The container may be included in a system for dispensing paper products that further includes a cartridge containing paper products. The cartridge defines a dispensing opening and a second opening wherein the means for elevating paper products extends through the second opening into the interior area of the cartridge to contact the paper products and urge the paper products toward the dispensing opening. The cartridge and container may be configured wherein the second opening is formed by separation of an internal platform during the process of inserting the cartridge into the container.

Probable Assignee: KIMBERTY CLARK WORLDWIDE INC

Earliest Publication Date: 20061207

METHODS AND APPARATUS FOR STORING AND DISPENSING FLEXIBLE **SHEET MATERIALS**

Abstract: Source: US2007194036A Methods and apparatus may permit the storage of flexible **sheet** materials in a space-efficient manner and may provide a continuous point-of-use dispensing capability of such **sheet** materials at such stored location. Serially joined **sheet** materials may be separated from one another at **sheet** materials separation zones utilizing interference tabs having yieldable configurations, intra-planar configurations, trans-axial configurations, movement resistive configurations, and projective configurations. Such interference tab configurations may permit the simplified design and construction of a **sheet** materials dispensation apparatus, and multiple flexible **sheet** materials may be serially joined for use with such configurations. A substantially rigid enclosure for storing such serially joined **sheet** materials and incorporating an interference tab having one or more of such configurations may be dimensioned to dispense **sheet** materials from within an open-ended receptacle, for example a refuse container.

Probable Assignee: LAZY DANIEL LLC

Earliest Publication Date: 20070823

UTILITY ITEMS MADE WITH RODS OF OVAL CONSTRUCTION

Abstract: Source: US2008185353A An implement for use in a bathroom or a kitchen which is composed of at least one rod which is oval in cross section, the rod being aesthetic in appearance and providing an advantageous force distribution over rods with circular cross sections. The implement can be a hanging device, such as a hanger, a hanger for ties and belts, and many other variations having a hook portion for engaging a cylindrical support, an over-the-door/vertical wall device also including the rods with the oval cross section, the latter devices being, for example, clothes supporting hooks, hooks for articles made from fabric; wire metal baskets having a rim and/or transition device made from a rod with an oval cross section; paper or magazine holders comprising parallel racks separated by upstanding walls; bag dispenser and handles for implements.

Probable Assignee: INTERDESIGN INC

Earliest Publication Date: 20080807

WC ASSEMBLY

Abstract: The invention relates to a WC assembly designed to enhance the accommodation and comfort of its users whether the latter be able-bodied persons or persons with reduced mobility. This assembly comprises a bowl (2) having a rear portion (6) extending over a determined length between the hole of the bowl (3) and its opposite end and along a defined width between two lateral faces of the said rear portion, one of the said lateral faces having at least one recess (13) extending towards the other said lateral face and being suitable for housing the knee of a user sitting on the bowl. The invention is applicable to WCs for public or private use.

Probable Assignee: FIZET JULIEN

Earliest Publication Date: 20081107

55) Family number: 42613871 (WO08147904A2)

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TOUCH-FREE WIPE DISPENSER

Abstract: A wipe dispenser includes a housing having a chamber configured to contain a **stack** of wet wipes, a dispensing slot in the housing and in communication with the chamber to allow a feed of the wet wipes to exit the chamber, a proximity sensor responsive to an indication from a user to generate a signal to trigger dispensation of a sequential wet wipe in the feed of the wet wipes, and a nip roller positioned adjacent the dispensing slot to engage the sequential wet wipe to advance the feed through the dispensing slot in accordance with the trigger signal from the proximity sensor. The proximity sensor is configured to determine whether the user indication is within a predetermined distance of the proximity sensor to advance the feed for the dispensation of the sequential wet wipe without requiring user contact with the wipe dispenser.

Probable Assignee: GRACO CHILDRENS PROD INC

Earliest Publication Date: 20081204

56) Family number: 44151226 (US2009321299A)

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LOW DENSITY FOAM WIPES CONTAINER HAVING GOOD EFFUSIVITY

Abstract: Source: US2009321299A A reusable container for storing and dispensing wipes that includes two or more shells configured to act cooperatively to define an interior storage space. The wipes container provides a warm-feeling, cloth-like surface. At least a portion of one of the shells includes a synthetic polymeric foam material having an Effusivity value at 25 degrees centigrade and 32 degrees centigrade of less than about 550.

Probable Assignee: PROCTER AND GAMBLE CO

Earliest Publication Date: 20091230

57) Family number: 44896538 (US2010114366A)

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DISPENSERS PROVIDING CONTROLLED DISPENSING AND CONTROLLED DISPENSING METHODS

Abstract: Source: US2010114366A Dispensers and method for controlled dispensing of products, preferably paper products, are discussed in this patent disclosure. Various embodiments of the present invention can comprise a housing, a separating assembly, a feed mechanism, and an advancing mechanism. The housing can support inner components of the dispenser. The housing can hold a **stack** of paper product to be dispensed. The separating assembly can comprise a separating member. The separating member can separate one or more napkins from the **stack**. The separating member can be controlled by a controller for controlled dispensing operations. The feed mechanism can move the separated napkin or napkins toward a dispensing slot for dispensing. The advancing mechanism can advance the **stack** of napkins such that, as the **stack** is depleted from one end of the **stack**, a remainder of the **stack** is advanced toward the separating member for dispensing. Other aspects, embodiments, and features are also claimed and described.

Probable Assignee: GEORGIA PACIFIC CONSUMER PRODUCTS LP

Earliest Publication Date: 20100415

58) Family number: 45910135 (US2010162481A)

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ELONGATED SHOWER DRAIN

Abstract: Source: US2010162481A Elongated drain assemblies suitable for use in tiled shower stalls are described. Because the elongated drain is typically located at one edge of the shower stall proximate a stall wall and extends substantially the entire length of the wall, the installation of the associated shower pan is made much simpler. Specifically, the pan need only be sloped substantially in a single direction instead of four towards a prior art circular drain located at the center of a stall. The time and cost of creating a pan having a single slope is reduced over a more complex multi-sloped pan. Several different means for adjusting the height of the drain assemblies' top surfaces relative to the height of the tile floor are provided to adjust for tile floors of differing thicknesses.

Probable Assignee: QD HOLDINGS I LLC

Earliest Publication Date: 20100701

59) Family number: 52811854 (US2014291186A)

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STACK OF INTERFOLDED FIRST AND SECOND **SHEETS**

Abstract: Source: US2014291186A A **stack** of hygiene **sheet** products including first and second webs that are interfolded with each other. The **stack** includes a top panel of the first web and a top panel of the second web, wherein the top panel of the first web overlays the top panel of the second web but has been cut away so that the top panel of the second web is revealed by the top panel of the first web. An adherence layer is placed on the top panel of the first web and the top panel of the second web and is exposed at the top of the **stack** so that it can adhere to an adjacent **stack** so that when the last **sheets** of the adjacent **stack** are pulled through a dispenser opening of a dispenser, the first and second **sheets** are pulled securely through with it as a result of the direct adherence.

Probable Assignee: SCA HYGIENE PRODUCTS AB

Earliest Publication Date: 20130117

DISPENSER AND STACK OF SHEET PRODUCTS

Abstract: Source: US2014209624A A dispenser and a **stack** combination. The **stack** is a **stack** of interfolded webs wherein the lines of weakness of one web are offset from the lines of weakness of another web in a longitudinal direction, and the **stack** including at least two webs, the webs including: a first web (1) divided into individual hygiene products by means of lines of weakness (12); and a second web (2) divided into individual hygiene products by means of lines of weakness (22); the first web and the second web being interfolded with one another so as to form a nested configuration, wherein the first web and the second web are joined, at a joint, to one another at a leading portion (4) and/or at a trailing portion (4?) of the web.

Probable Assignee: SCA HYGIENE PRODUCTS AB

Earliest Publication Date: 20130117

TOWEL AND WASHCLOTH HOLDING DEVICE

Abstract: Source: US2016113449A A towel holding device for storing a towel and a washcloth in a rolled configuration. The holding device includes a bracket having a first section rigidly affixed to a second section, wherein the first and second sections are preferably perpendicular to one another. The bracket includes a first ring thereon, wherein the first ring includes an open central area sized to receive a rolled towel therein. The bracket further includes a second ring, wherein the second ring includes an open central area sized to receive a rolled washcloth therein. Thus, the first ring preferably comprises a larger diameter than the second ring. Further, the first and second rings are positioned adjacent to one another on the bracket. The bracket can be affixed to a support surface, such as a wall, using any conventional **fasteners**, such as screws, or nails, among others.

Probable Assignee: GAINNEY NATHANIEL

Earliest Publication Date: 20160428

DEVICE FOR DISPENSING END WRAPS

Abstract: Source: US4185753A This invention provides a device for dispensing flexible **sheets** of absorbent paper or other fibrous material. The **sheets** are preferably end-wrap papers used in the art of cosmetology and particularly for permanently setting waves in hair. The device employs a container with a slit in the top. The preferred device is of triangular cross-section having a width less than the width of a given end-wrap **sheet**. The end wraps are withdrawn from the container through the slit such that, the removal of one end wrap causes the next lower end wrap to be partially withdrawn through the slit. The container can be removably fastened to a wrist bracelet which is adjustable to fit a user's arm.

Probable Assignee: POLY PAK INC

Earliest Publication Date: 19800129

CABIN

Abstract: Source: US5398465A A cabin comprising a base structure, a wall structure and a roof structure, wherein the wall structure comprises two opposed side wall members which define two opposite side walls of the cabin and which each provide a pair of corners and a pair of return walls which define a part of front and rear walls of the cabin, the space between the rear return walls being closed by a rear wall member and the space between the front return walls being closable by a door.

Probable Assignee: PORTASILO LTD

Earliest Publication Date: 19940427

SYSTEM FOR DISPENSING APRONS

Abstract: Source: US6446831B An apron dispensing system including a container and first and second aprons each having a stored state and a usable state. The first and second aprons each consist of a **sheet** and at least one of a) a strap that is extendable around the neck of a wearer, b) a strap that is extendable around the torso of a wearer, and c) a strap that is extendable around at least one of a leg and an arm of the wearer to maintain the **sheet** in a protective covering position over a part of the wearer with the apron in the usable state. The first and second aprons are engageable, each with the other, and cooperate with each other and the container so that a) with the first and second aprons in the stored state in the container the first apron has an exposed portion that can be grasped to separate the first apron from the container by drawing the first apron substantially in a first direction in a first line and b) continuous movement of the first apron in the first direction in the first line causes the first apron to i) draw the second apron relative to the container so that an exposed portion of the second apron becomes accessible to be grasped to separate the second apron from the container and ii) fully separate from the second apron.

Probable Assignee: SMITH KATHY

Earliest Publication Date: 20020910

TAPE DISPENSER WITH TAPE AERIAL

Abstract: Source: US2002060164A A tape dispensing apparatus comprising a frame and at least one tape creasing part. The frame has a tape supply section for holding a tape supply therein, and a tape dispensing opening for dispensing tape from the apparatus. The tape creasing part is **connected** to the frame for creasing tape dispensed from the tape dispensing opening and forming a self-supporting tape section extending from the tape dispensing apparatus substantially without droop.

Probable Assignee: BETTER PACKAGES INC

Earliest Publication Date: 20020307

66) Family number: 28820809 (US2003121093A)

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PORTABLE TOILET SHELTER HAVING IMPROVED STACKABILITY

Abstract: Source: US2003121093A A portable toilet shelter that is more **stackable** and easier to assemble and disassemble. The portable toilet shelter includes a loop enclosure that is mountable to a base, and that is adapted to receive a roof. The loop enclosure includes opposed end walls each having opposed edges. Opposed side walls are positioned between the opposed end walls, with each of the side walls also having opposed edges. Flexible hinges **connect** the edges of the side walls to respective adjacent edges of the end walls to complete the loop enclosure. The portable toilet shelter is partially disassembled when collapsed to a height of about the thickness of two walls, wherein the end walls **fold** respectively toward and overlay the side walls. The portable toilet shelter is partially erected when the end walls are unfolded respectively away from the side walls to maintain an upright and self-supporting position.

Probable Assignee: BRAXTON EARL J

Earliest Publication Date: 20030703

67) Family number: 29049747 (US2003167893A)

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APPARATUS AND METHODS USABLE IN **CONNECTION** WITH DISPENSING FLEXIBLE **SHEET** MATERIAL FROM A ROLL

Abstract: Source: US2003167893A A powered dispenser for dispensing individual **sheet** segments from a continuous roll of **sheet** material provided with spaced tear lines comprises a powered feed mechanism, a releasable, powered drive mechanism, a powered transfer mechanism, a pair of web sensing sensors, a capacitive sensing system providing automatic sensitivity adjustment, and control circuitry. A dual power supply system provides a mechanical lock-out functionality, and the control system is protected from electrostatic build-up on the surface of the feed roller. The web sensor, and an antenna plate of the capacitive sensing system, are provided on respective printed circuit boards mounted in overlying relation. Utilizing signals received from the pair of web sensors and the capacitive sensing system, the control circuitry senses the presence of a user to activate the powered drive mechanism, and prevents further dispensing of the **sheet** material until a previously dispensed segment is separated from the roll. The web sensors detection of a leading edge of the **sheet** material initiates a predetermined interval of **sheet** material advancement providing a proper placement of successive tear lines. Various approaches may be utilized to accommodate inadvertent **sheet** "tabbing" scenarios. The web sensors, together with the control circuitry, are also used to detect the depletion, or absence, of a working roll of **sheet** material, whereupon the control circuitry controls the powered transfer mechanism to automatically transfer the web feed supply from a depleted working roll to a reserve roll. The powered transfer mechanism may include a motor driven transfer bar, or provide motor driven release of a spring biased transfer bar. Another arrangement allows for ready release of a roll core, and drop of the same into an open dispenser cover for removal.

Probable Assignee: GPCP IP HOLDINGS LLC

Earliest Publication Date: 20030911

68) Family number: 32564672 (US2006011643A)

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DISPOSABLE COUPON DISPENSERS SUITABLE FOR OUTDOOR USE

Abstract: Source: US2006011643A A disposable coupon dispenser particularly suitable to be used to dispense coupons outdoors has coupons which are sufficiently water-resistant to remain sufficiently intact when manually removed from the dispenser to pull another coupon partly out of the dispenser despite exposure of the dispenser to days or weeks of outdoor weather conditions.

Probable Assignee: OUTTA BOX LLC

Earliest Publication Date: 20060119

69) Family number: 33534080 (US6659391B)

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METHOD FOR DISPENSING WET WIPES

Abstract: Source: US6659391B There is provided a method for dispensing wet wipes. The method may include mounting a dispenser, inserting a container of wet wipes, threading the wipes through the dispenser, and separating a portion of wipes. The container may have the ability to be inserted into the dispenser in a pre-selected manner based on the desired orientation of the wipes contained therein.

Probable Assignee: KIMBERLY CLARK CORP

Earliest Publication Date: 20031209

70) Family number: 47304740 (US2012032565A)

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DISPENSER FOR DISPENSING TISSUE PAPER AND METHOD FOR DISPENSING TISSUE PAPER

Abstract: Source: US2012032565A A dispenser for dispensing tissue paper. The dispenser includes a housing defining a volume for receiving both a center-feed tissue paper roll and a tissue paper **stack**, a first dispensing opening situated in the housing for dispensing tissue paper from a center-feed tissue paper roll, and a second dispensing opening situated in the housing for dispensing tissue paper **sheets** from a tissue paper **stack**.

Probable Assignee: SCA HYGIENE PRODUCTS AB

Earliest Publication Date: 20101021

71) Family number: 49345142 (US2012283084A)

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COMPACT DUNNAGE STORAGE AND CONVERSION SYSTEM

Abstract: Source: US2012283084A A self-contained dunnage system includes a box sized to receive a supply of **sheet** stock material with minimal or no empty space when the box is closed. The box has one or more flaps that are movable between a generally planar closed position where the flaps cooperate to close the box and an inclined operating position displaced from the closed position. In the operating position, the ends of the flaps define a dispensing outlet spaced from an open side of the box defined by the side wall or walls of the box. The dispensing outlet is smaller than the open side of the box such that as the **sheet** material is pulled from the box and through the outlet, the inclined flaps act as a forming member that inwardly gathers the **sheet** material, causing it to crumple as it is withdrawn from the box.

Probable Assignee: RANPAK CORP

Earliest Publication Date: 20110728

72) Family number: 50499188 (US2012097697A)

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WIPES PRODUCT

Abstract: Source: US2012097697A A wipes product comprising a reusable container for storing and dispensing wipes. The wipes product including a lock portion disposed on the major lid and configured to engage with a key portion to form a substantially moisture impermeable barrier over the dispensing orifice when the lock portion and the key portion are engaged. The wipes product also includes a package of wipes comprising the key portion, the package of wipes being disposed in the interior storage space.

Probable Assignee: PROCTER AND GAMBLE CO

Earliest Publication Date: 20120119

73) Family number: 50740313 (US2012048858A)

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DISPENSER WITH A WIDE LID-ACTIVATION BUTTON HAVING A STABILIZING RIB

Abstract: Source: US2012048858A A lid structure for use with a container for storing personal care products is disclosed. The lid structure includes a lid-activation button that when pressed allows the lid top to rotate about the lid base giving a consumer access to the contents of the container. Additionally, the lid-activation button functions so that the lid top is released independent of where the lid-activation button is pressed by the consumer. To create better and more consistent opening of the lid top portion, an inner longitudinal edge of the lid-activation button may be attached to the lid bottom via a living hinge that is formed integrally with the lid base. A strengthening rib is attached to the living hinge that keeps the main body side of the living hinge immobile and encourages the button side of the living hinge to flex when the lid-activation button is depressed.

Probable Assignee: KIMBERLY CLARK CORP

Earliest Publication Date: 20120301

74) Family number: 50950076 (US2013277388A)

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TISSUE PAPER SYSTEMS

Abstract: Source: US2013277388A A moist dispenser, the moist **sheet** dispenser including a receptacle housing for receiving a **stack** of moist **sheets**, the receptacle housing including a dispensing opening through which a **sheet** can be withdrawn from the **stack**, the dispenser including a lid that has an open position to provide access to the dispensing opening so that a **sheet** can be withdrawn from the **stack** through the dispensing opening and a closed position covering the dispensing opening, wherein the lid defines a periphery and the receptacle housing defines a periphery and the peripheries of the lid and the receptacle housing meet when the lid is in the closed position.

Probable Assignee: SCA HYGIENE PRODUCTS AB

Earliest Publication Date: 20120419

75) Family number: 50950077 (US2013292402A)

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TISSUE PAPER SYSTEMS

Abstract: Source: US2013292402A A system including a dry absorbent tissue paper **sheet** dispenser having a dispensing opening through which dry tissue paper **sheets** can be withdrawn and a moist **sheet** dispenser having a dispensing opening through which moist **sheets** can be withdrawn, wherein one of the dry tissue paper dispenser and the moist **sheet** dispenser is configured to sit atop the other so that the dispensing openings face in opposing directions in a combined configuration, and wherein the dry and moist **sheet** dispensers have cooperating interfacing surfaces when they are in the combined configuration that resist movement of the moist **sheet** dispenser with respect to the dry tissue paper dispenser in a first direction perpendicular to a **sheet** withdrawal direction of the dry tissue paper dispenser and the moist dispenser.

Probable Assignee: SCA HYGIENE PRODUCTS AB

Earliest Publication Date: 20120419

76) Family number: 50950085 (US2013270289A)

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TISSUE PAPER SYSTEMS

Abstract: Source: US2013270289A A container for containing a **stack** of interfolded tissue paper **sheets**, wherein the container includes a dispensing opening and lips so that a **sheet** passes through the dispensing opening when being withdrawn from the **stack** and dispensed from the **sheet**, wherein the lips are in an overlapping state in a direction of withdrawal of the **sheets**, wherein the lips are configured to be opened into a less overlapping or non-overlapping state by the **sheet** as the **sheet** moves therethrough and are configured to return to the overlapping state after withdrawal of the **sheet**.

Probable Assignee: SCA HYGIENE PRODUCTS AB

Earliest Publication Date: 20120419

77) Family number: 51062317 (US2012266787A)

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TABLES WITH NESTING TABLE TOPS

Abstract: Source: US2012266787A A table may be sized and configured to nest with another table to reduce a height of a plurality of **stacked** tables in a nested configuration. The table may include a nesting portion formed in an upper surface and sidewall of the table top. The table may also include a frame with one or more engaging portions sized and configured to be disposed in the nesting portion of an adjacent table when the tables are nested together. In addition, the table top may include a compression edge sized and configured to be disposed in a nesting portion of an adjacent table when the tables are nested together. The compression edge and engaging portions may be sized and configured to be simultaneously disposed in the nesting portion of the adjacent table when the table is nested with the adjacent table.

Probable Assignee: LIFETIME PRODUCTS INC

Earliest Publication Date: 20120508

78) Family number: 51109361 (US2013213992A)

© PatBase

DISPENSER FOR PAPER **SHEETS**

Abstract: Source: US2013213992A A dispenser for containing and holding a **stack** of absorbent products includes a dispensing opening through which the products are dispensable and a manually graspable member that is graspable by a user from outside the dispenser and manipulatable to move the **stack** when the **stack** is in a depleted state from a retracted position relative to the dispensing opening to a position adjacent to the dispensing opening. The dispenser includes a **stack** moving member having a first configuration conforming to faces of the dispenser that are transverse to one another and a second configuration forming a ramp between those faces and extending towards the dispensing opening. The **stack** moving member is reconfigurable from the first configuration to the second configuration to move the **stack** when the **stack** is in a depleted state from a retracted position relative to the dispensing opening to a position adjacent to the dispensing opening.

Probable Assignee: SCA HYGIENE PRODUCTS AB

Earliest Publication Date: 20120518

79) Family number: 51413554 (US2012187140A)

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TISSUE DISPENSING DEVICE

Abstract: Source: US2012187140A A tissue dispensing device for use with a standard tissue carton is formed as a helical coil spring that is highly stretchy and has a top coil that is fastened around a dispenser aperture in a top surface of the tissue carton with the remainder of the helical coil spring inserted into a space between the top surface of the tissue carton and top of the **stack** of tissues within the carton with a bottom coil thereof resting on top of the **stack** of tissues. The helical coil spring forms an open circular space within its coils under gravity that provides a vertically-extending support structure for supporting a tissue next to be dispensed from the tissue **stack** in a vertical standing position with a leading part thereof extending through a membrane opening of the dispenser aperture of the tissue carton to enable a user to grasp the leading part to withdraw the next tissue to be dispensed.

Probable Assignee: PRODIUS LLC

Earliest Publication Date: 20120703

80) Family number: 52216975 (US2012273513A)

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DISPENSERS FOR SANITARY TISSUE PRODUCTS

Abstract: Source: US2012273513A A dispenser for sanitary tissue products is provided. The dispenser comprises a cavity defined therein. The cavity is configured to receive one or more sanitary tissue products. The dispenser comprises a portion defining an opening therein and an arm extending from the dispenser. The one or more sanitary tissue products are configured to be dispensed through the opening. The arm comprises a first portion extending from a first portion of the dispenser and a second portion configured to removably attach to a second portion of the dispenser.

Probable Assignee: PROCTER AND GAMBLE CO

Earliest Publication Date: 20121101

81) Family number: 52216978 (US2012273515A)

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DISPENSERS FOR SANITARY TISSUE PRODUCTS

Abstract: Source: US2012273515A A dispenser for sanitary tissue products comprises a base and a lid comprising an arcuate portion. An aperture is defined in the arcuate portion. The lid or the base is movable relative to the other between an open position and a closed position and the lid and the base define a receiving cavity when the lid and the base are in the closed position. The lid or the base comprises a first side wall and a second side wall. When the lid and the base are in the closed position, a first edge of the arcuate portion is positioned adjacent to the first side wall, a second edge of the arcuate portion is positioned adjacent to the second side wall, and the arcuate portion extends intermediate the first side wall and the second side wall in a direction generally perpendicular to a plane of the first side wall.

Probable Assignee: PROCTER AND GAMBLE CO

Earliest Publication Date: 20121101

82) Family number: 52811858 (US2014134376A)

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STACK OF INTERFOLDED HYGIENE PRODUCTS

Abstract: Source: US2014134376A A **stack** of interfolded hygiene products (100), including a first web (1) divided into individual hygiene products by means of lines of weakness (12); a second web (2) divided into individual hygiene products by means of lines of weakness (22); the first web and the second web being interfolded with one another in a nested configuration, wherein the lines of weakness of the first web and the lines of weakness of the second web are offset with respect to one another along the webs; the first web and the second web are joined to one another at a leading portion (4) and/or at a trailing portion (4?) of the webs.

Probable Assignee: SCA HYGIENE PRODUCTS AB

83) Family number: 53122887 (US2013048664A)

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PRODUCT DISPENSER AND COVER MEMBER FOR A PRODUCT DISPENSER

Abstract: Source: US2013048664A A product dispensing device including at least a part of a dispenser housing and a cover member. The dispenser housing defines a product reservoir for containing dispensable products. The part of the dispenser housing defines an opening through which products are dispensed from the product housing and through which the product housing is refillable. The cover member is positionable between an open position in which the opening of the dispenser housing part is revealed for refilling the product reservoir with dispensable products and a closed position in which the opening of the dispenser housing is covered for dispensing. The cover member comprises a dispensing opening through which products are dispensed when the cover member is in the closed position. The cover member is moveable relative to the part of the dispenser housing by way of a mechanism in which a projection rides along a guide between a first position in which the cover member is held closed to the part of the housing to resist opening of the cover member and a second position in which the cover member is openable relative to the part of the dispenser housing to the open position.

Probable Assignee: SCA HYGIENE PRODUCTS AB

Earliest Publication Date: 20130228

84) Family number: 53492180 (US2013092701A)

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FOLDED SHEET DISPENSER WITH OVERFILL PREVENTION DEVICE

Abstract: Source: US2013092701A The present invention provides a dispenser for **folded sheets** having an overfill prevention device, which effectively prevents the dispenser from being overfilled with **folded sheet** material. The result of the present invention is that a maintainer of the dispenser will have a difficult time overfilling the dispenser.

Probable Assignee: KIMBERLY CLARK CORP

Earliest Publication Date: 20130418

85) Family number: 54819664 (CO6720970A)

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SURTIDOR DE HOJAS HUMEDAS

Abstract: Source: CO6720970A Un surtidor humedo, el surtidor de hojas humedas comprende un alojamiento de receptaculo para recibir un apilado de hojas humedas, el alojamiento de receptaculo comprende una abertura de suministro a traves de la cual se puede extraer una hoja del apilado, el surtidor comprende una tapa (81) que tiene una posicion abierta para proporcionar acceso a la abertura de suministro de manera que la hoja puede ser extraida del apilado a traves de la abertura de suministro y una posicion cerrada que cubre la abertura de suministro, en donde la tapa define la periferia y el receptaculo define una periferia y las periferias de la tapa y del receptaculo coinciden cuando la tapa esta en la posicion cerrada.

Probable Assignee: SCA HYGIENE PROD AB

Earliest Publication Date: 20130715

86) Family number: 55802327 (US2015230672A)

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TOUCH POINT AREA DISPOSABLE CONTAMINATION BARRIER DISPENSING DEVICE

Abstract: Source: US2015230672A A dispenser device is generally provided for removable attachment to a flexible enclosure. In one embodiment, the dispenser device comprises a dispenser body which defines a cavity therein and a plurality of barrier **sheets** within the cavity defined by the dispenser body. The dispenser body is configured to be removably attached over a contact point or surface of the flexible enclosure (e.g., a curtain or the like).

Probable Assignee: OF SOUTH CAROLINA UNIV

Earliest Publication Date: 20140220

87) Family number: 56777964 (US2015327733A)

© PatBase

STACK OF FOLDED WEB MATERIAL FOR HYGIENE PRODUCTS

Abstract: Source: US2015327733A A **stack** of **folded** web material for hygiene products, such as paper or nonwoven products, said **stack** including: at least two webs, the webs including: a first web divided into individual **sheets** by means of lines of weakness; and a second web divided into individual **sheets** by means of lines of weakness; said first and second webs being interfolded with one another so as to form said **stack**; and wherein the first web and the second web are arranged in said **stack** such that the lines of weakness of the first web and the lines of weakness of the second web are offset with respect to one another along the webs; each line of weakness having a separation strength, being the force required to separate an individual **sheet** from the web along said line of weakness.

Probable Assignee: SCA HYGIENE PRODUCTS AB

Earliest Publication Date: 20140626

88) Family number: 58073184 (US2016120377A)

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STACK OF WEB MATERIAL FOR HYGIENE PRODUCTS

Abstract: Source: US2016120377A A of web material for hygiene products includes at least one **folded** continuous web material, and a first **connector** and a second **connector**, adapted for interconnection of the first end surface of the **stack** to a second end surface of another, similar **stack**. The first **connector** includes a first **connection** surface consisting of a first material, and the second **connector** includes a second **connection** surface consisting of a second material; said first and second materials having properties that, upon bringing said first and second surfaces into contact with each other, the surfaces attach to each other by surface adhesion so that the surfaces are repeatedly removable from and reattachable to each other while leaving the surfaces substantially unaltered, whereby a **connection** between a first/second **connector** of the **stack** and a second/first **connector** of a similar **stack** is accomplished.

Probable Assignee: SCA HYGIENE PRODUCTS AB

Earliest Publication Date: 20141218

89) Family number: 59008129 (US9010582B)

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REATTACHABLE CONTAINER APPARATUS

Abstract: Source: US9010582B A reattachable container or base apparatus that can hold at least one accessory and can be detachably attached to the bottom of one of at least two commercial material containers. The base apparatus comprises two elements. The first element is a bottom substantially horizontal with an outer edge. The second element is at least one side having a top, a bottom and a horizontal periphery. The bottom of the side is continuous affixed to the outer edge of the bottom, and the top comprising at least one attaching element not including a snap lock attaching element and able to be detachably attached to the outside of at least two differently branded conventional commercially available material containers proximate their bottoms. Also disclosed is a method of using the apparatus.

Probable Assignee: LJA COMPANIES LLC

Earliest Publication Date: 20150421

90) Family number: 59083542 (US2015113719A)

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TECHNOLOGIES FOR DEFECATION POSTURES

Abstract: Source: US2015113719A An apparatus for a user sitting on a toilet seat. The apparatus includes a pair of U-shaped opposing side frames having a pair of opposing front legs. The apparatus also includes a front bridge spanning between the front legs. The apparatus further includes a footrest extending from the bridge. The footrest moves in an arcuate range of motion. The footrest is lockable at a plurality of preset defecation posture positions within the range. The apparatus additionally includes a lever controlling movement of the footrest within the range. The footrest moves toward one of the positions as the user is operating the lever from the seat when the frames are standing on a ground surface with the seat between the frames such that the bridge is in front of the seat and closer to the surface than the seat.

Probable Assignee: GOOD WILLIAM

Earliest Publication Date: 20150430

91) Family number: 60003750 (US2015216378A)

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REFILLABLE, FLEXIBLE DISPENSER WITH HANDLE FOR STACKED MOIST WIPES

Abstract: Source: US2015216378A A refillable dispenser for pre-moistened wipes includes a flexible pouch. The pouch has a front wall, a back wall, and an interior space therebetween. A dispensing opening is formed in the front wall, and a movable cover can cover the dispensing opening. The dispenser includes a seam that can be opened to an open position and resealed to a closed position to connect the front wall to the back wall. The open position defines a refill opening. The dispenser includes a front wall eyelet extending through the front wall and a back wall eyelet extending through the back wall, and the front wall eyelet is superposed over the back wall eyelet. The dispenser includes a handle connected to the pouch via a handle connector. The handle connector extends through the front wall eyelet and the back wall eyelet.

Probable Assignee: KIMBERLY CLARK CORP

Earliest Publication Date: 20150806

92) Family number: 61806207 (US2017231438A)

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DISPENSER FOR INTERFOLDED NAPKINS

Abstract: Source: US2017231438A A dispenser for interfolded napkins includes a container having a supporting surface for supporting a stack of interfolded napkins. The supporting surface extends in a horizontal plane, and is surrounded by side walls extending in a vertical direction perpendicular to the supporting surface. The side walls define a dispensing opening opposite the supporting surface. At least one tab is arranged in the container for retaining the stack of napkins during withdrawal of a napkin from the stack. The tab is pivotably arranged in relation to the container between a holding position, in which the tab extends horizontally over at least a portion of the dispensing opening, and a refill position, in which the tab is directed away from the dispensing opening. The tab pivots about a living hinge. One or more stop surfaces limit an extent to which the tab is able to turn about the living hinge toward the dispensing mouth.

Probable Assignee: SCA HYGIENE PRODUCTS AB

Earliest Publication Date: 20160303

93) Family number: 62228873 (US2016287032A)

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PERSONAL CLEANING SYSTEM

Abstract: Source: US2016287032A The invention describes a cleaning system in the form of a mitt having cleaning pads attached by reversible fastening means so that pads may be electively and consecutively attached, removed, or replaced. Furthermore, the invention provides a means for introducing, retaining, dispensing, and distributing a fluid, such as water or a liquid cleaning product, so that a removable pad may be irrigated with a regulated dose of fluid prior to use. The invention also describes a cooperative enclosure that can store a plurality of cleaning pads. Features of the compatible enclosure serve to physically guide the body of the mitt into alignment with a replacement pad.

Probable Assignee: TACTOPACK INC

Earliest Publication Date: 20160503

94) Family number: 62728424 (US2016176572A)

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TAMPER-EVIDENT REUSABLE PACKAGE CLOSURE

Abstract: Source: US2016176572A A reusable closure system is disclosed for packaging applications. The closure system generally includes a base and hinged lid. The base is bondable to a package and includes a field of touch **fasteners** having one or more cut-lines therein defining a hinged pull-tab assembly. The lid comprises a complementary touch **fastener** field and can be placed in the open position to expose the pull-tab assembly, which can then be peeled back to open the package by virtue of the bond between the pull-tab assembly and a frangible region in the package. After opening, the pull-tab assembly can be stowed to the lid, so as to provide a lid-based plug corresponding to the package hole. Optional tamper-evident elements allow a consumer to see the package has not yet been opened. Stay-open lid and anti-peel mechanisms may also be provided. A dispensable roll/fanfold of the closures can feed a flow-wrap packaging process.

Probable Assignee: VELCRO BVBA

Earliest Publication Date: 20160623

95) Family number: 63985902 (US2018049609A)

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SYSTEMS, METHODS, AND APPARATUSES FOR DISPENSING SHEETS OF MATERIAL

Abstract: Source: US2018049609A Systems, methods, and apparatuses for dispensing **sheets** of material are provided. In one embodiment, a **sheet** material dispensing apparatus is provided, the apparatus comprising: a cover; a rear wall **connected** to the cover; a mounting plate operatively **connected** to the cover; a shaft, wherein the shaft is **connected** to the mounting plate; a supply roller **connected** to the shaft, wherein the supply roller has a radiused portion and at least one truncated portion; and a retracting roller **connected** to the shaft, wherein the retracting roller has a radiused portion, and at least one truncated portion.

Probable Assignee: TRANZONIC COMPANIES

Earliest Publication Date: 20161116

96) Family number: 65152880 (US2017074388A)

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AUTOMATED PRODUCT DISPENSERS AND RELATED METHODS FOR ISOLATING A DRIVE ASSEMBLY TO INHIBIT VIBRATION TRANSMISSION

Abstract: Source: US2017074388A An automated product dispenser for dispensing a product from a supply of product is provided. The automated product dispenser includes a chassis assembly, a drive assembly, and an isolation member. The chassis assembly includes a chassis frame, and the drive assembly includes a motor, a drivetrain, and a drivetrain housing. The isolation member mounts the drive assembly to the chassis assembly such that the drive assembly is substantially spaced apart from the chassis frame. A related method of inhibiting vibration transmission in an automated product dispenser also is provided.

Probable Assignee: GPCP IP HOLDINGS LLC

Earliest Publication Date: 20170316

97) Family number: 65477186 (US2017107730A)

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PORTABLE RESTROOM

Abstract: Source: US2017107730A A portable restroom is provided. The portable restroom offers features providing users with temporary toilet functions in a physically and emotionally secure environment while offering the owner/operator a cost-effective means of providing service. The portable restroom accomplishing the foregoing objectives includes the features of: improved ventilation; devices for no-touch sanitary safety practice; devices which facilitate personal carry in objects; combination "hover" handle and no touch door latch; a toilet seat with improved durability; improved door hinge installation and performance; improved base **fastener** retention; an improved base; and high-lift bearing surface and relief.

Probable Assignee: SANSOM IND LLC

Earliest Publication Date: 20170420

98) Family number: 65828422 (WO17168367A1)

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DISPENSER FOR PROVIDING HYGIENIC PROTECTION OF HANDS WHEN USING A FUEL PUMP

Abstract: When filling a vehicle with fuel, a person must touch and hold the dispenser nozzle by the handle 11, squeezing the trigger lever 13. This handle 11 is contaminated by fuel vapour, residue, bacteria, dirt and contaminants by previous usage of multiple persons touching and holding the handle 11 with contaminated hands. The present invention relates to a protective material dispenser 101 with protective material 103 therein, which is releasably couplable to such a fuel gun 2. In this way, a user may easily retrieve some of the protective material 103 from the dispenser 101 prior to touching the fuel pump hand grip 11, and then cover the hand grip 11 to protect his/her hands from making direct contact therewith.

Probable Assignee: YEO OLIVER

Earliest Publication Date: 20170531

99) Family number: 66647799 (WO17137363A1)

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COLLECTIVE PACK FOR HYGIENE WIPES

Abstract: The invention relates to a collective pack (1) for hygiene wipes, having a body (2) which encloses an interior (3) in an air-tight manner, wherein hygiene wipes are arranged ready for removal purposes in the interior (3), wherein the body (2) also has at least one removal opening (4), which can be closed by a closure cover (5), wherein the closure cover (5), on an inner side (6), has an inner surface (7) which is directed towards the interior (3) and, with the closure cover (5) in the closed state, fills the closure opening (4), wherein the inner surface (7) has arranged on it an adhesive element (8) which, by virtue of pressure being applied, can be made to adhere to the hygiene wipes.

Probable Assignee: AUTOMATEC SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA

Earliest Publication Date: 20170816