

1) Family number: 33060116 (US2008077097A)

© PatBase

Title: MENSTRUAL CUP

Abstract: A menstrual cup for use in a vagina. The cup includes a receptacle extending from an open top end to a closed bottom end and a stem attached to the receptacle at the bottom end thereof for use in removal of the cup. The receptacle comprises a wall having an inner wall surface defining a cavity adapted for collecting fluid and an opposed outer wall surface. The open top end has a predetermined diameter, the receptacle being adapted to be flexible and resilient. The outer wall surface includes an upper rim at the top end of the receptacle for strengthening the top end, a main portion extending from the bottom end of the receptacle portion towards the top end, and a transition portion between the main portion and the upper rim, the transition portion being streamlined to define a profile thereof which is substantially smooth.

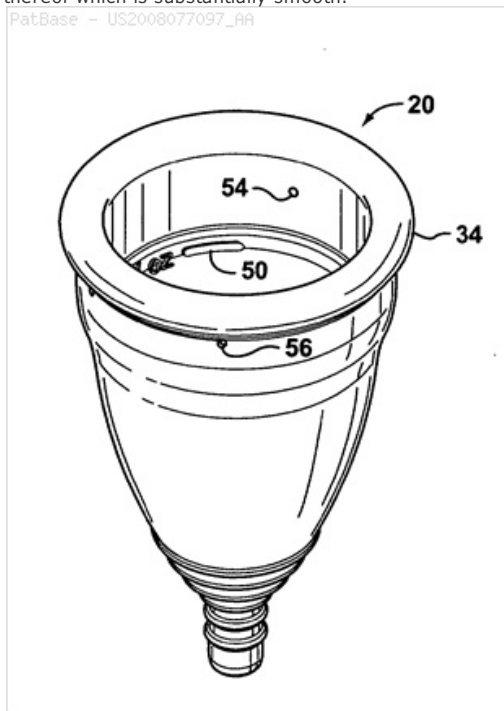
Classifications:**International (IPC 8-9):** A61F A61F5/451

A61F5/455 (Advanced/Invention);

A61F5/451 (Core/Invention)

International (IPC 1-7): A61F5/44 A61F5/455**CPC:** A61F5/4553**European:** A61F6/08**US:** 604/330

PatBase - US2008077097_A1

**Family:**

Publication number	Publication date	Application number	Application date
AU2005312284 AA	20060608	AU20050312284	20050922
CA2579454 AA	20070306	CA20052579454	20050922
CN101031262 A	20070905	CN200580031409	20050922
EP1796608 A1	20070620	EP20050850108	20050922
EP1796608 A4	20080312	EP20050850108	20050922
HK1109724 A1	20080620	HK20070113706	20071217
HK1109724 A3	20080620	HK20070113706	20071217
IN02220DN2007 A	20070803	IN2007DN02220	20070322
TW200612881 A	20060501	TW20050132844	20050922
US2008077097 AA	20080327	US20050663470	20050922
WO06058409 A1	20060608	WO2005CA01443	20050922

Priority:

US20040612151 20040923 US20040612151P 20040923 WO2005CA01443 20050922
 WO2005CA01443 20050922 US20050663470 20050922

Probable Assignee: DIVA INT INC**Assignee(s):** (std): CHAMBERS FRANCINE ; DIVA INT INC ; DIVA INTERNAT INC ; PICKERING CARINNE**Assignee(s):** DIVA INTERNATIONAL INC ; DIVA INT**Inventor(s):** (std): PICKERING CARINNE ; CHAMBERS FRANCINE ; CHAMBERS CARINNE ; FRANCINE CHAMBERS CARINNE CHAM**Inventor(s):** CARINNE PICKERING AND FRANCINE CHAMBERS ; CHAMBERS CARINNE CHAMBERS FRANCINE ; FRANCINE CHAMBERS ; CARINNE PICKERING**Agent(s):** FISHER ADAMS KELLY; FISHER ADAMS KELLY PTY LTD; FISHER ADAMS KELLY CALLINANS; SPRUSON AND FERGUSON; GOWLING LAFLEUR HENDERSON LLP; HONG KONG PATENT REGISTRATIONS CO; WOODCOCK WASHBURN LLP

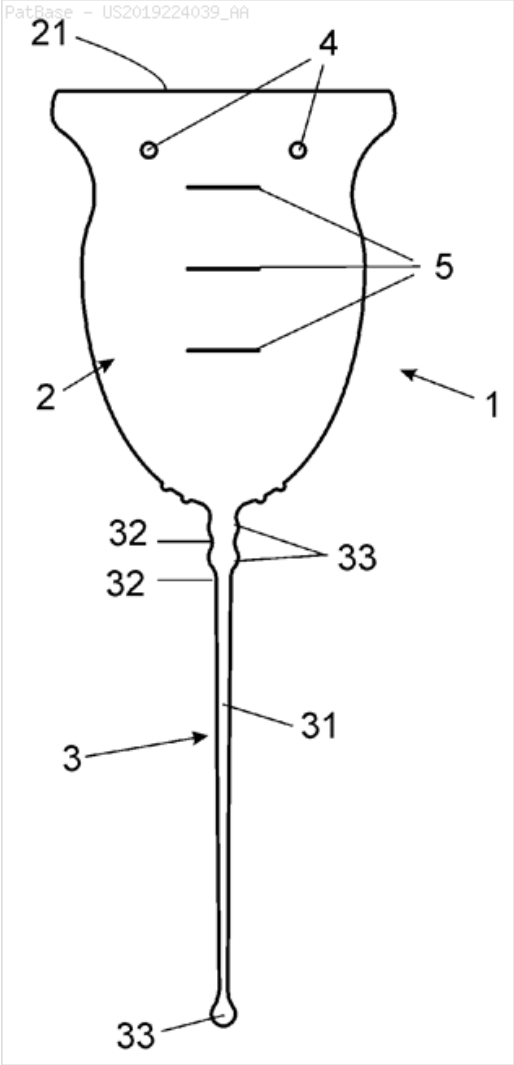
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Title: HYGIENIC DEVICE FOR THE COLLECTION OF MENSTRUAL FLOW

Abstract: A hygienic device for the collection of menstrual flow includes an impermeable and flexible body (2), that is receptacle-shaped, cup type, in which lower external part, the opposite to the mouthpiece (21), fastening means (3) to proceed to its withdrawal after it is used. The fastening means (3) includes a threadlike element (31). Eventually, the threadlike element (31) has a structure easy to be cut by one, two or more points (32), so that the user can cut it at will until leaving it with a minimum length. Eventually, the threadlike element (31) possesses, in the proximal area, at least, one protrusion (33) and at the distal end of the threadlike element (31) it possesses a protrusion (33). Eventually, at the upper part of the body (2) of the receptacle one or more holes (4) have been provided close to the edge of the mouthpiece (21).

Classifications:

International (IPC 8-9): A61F13/15 A61F5/44
A61F5/455 (Advanced/Invention)
CPC: A61F5/4404 A61F5/4553



Family:

Publication number	Publication date	Application number	Application date
CA3029597 AA	20181231	CA20173029597	20170602
CN109561981 A	20190402	CN201780048991	20170602
CO20190000128 A2	20190118	CO20190000128	20190109
EP3470026 A1	20190417	EP20170809780	20170602
EP3470026 A4	20200226	EP20170809780	20170602
ES1159785 UA	20160627	ES20160030767U	20160610
ES1159785 Y1	20160919	ES20160030767U	20160610
IN201817050012 A	20190329	IN201817050012	20181231
US2019224039 AA	20190725	US20170308603	20171214
WO17212094 A1	20171214	WO2017ES70402	20170602

Priority:

ES20160030767U 20160610 WO2017ES70402 20170602 WO2017ES70402 20171214

Probable Assignee: ECAREYOU INNOVATION S L

Assignee(s): (std): ECAREYOU INNOVATION S L

Assignee(s): ECAREYOU INNOVATION SL ; GARRIGA I RODO JOAN

Inventor(s): (std): GARRIGA I RODO JOAN

Inventor(s): JOAN GARRIGA I RODO

Agent(s): RICHES MCKENZIE AND HERBERT LLP; ESPIELL VOLART EDUARDO MARIA; ESPIELL EDUARDO MARIA

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KH KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: BACKFLOW PREVENTING MENSTRUAL CUP

Abstract: A backflow and leakage preventing menstrual cup for collecting menstrual discharge is disclosed. The menstrual cup has a safety feature that prevents backflow of menstrual blood back into vagina and uterus, which minimizes contact with the collected menstrual blood and prevents the risk of infection and toxic shock syndrome (TSS) to the user. This safety feature also stops accidental leakage during use and prevents spillage of menstrual blood when the cup is removed by user. The cup is designed to be easily and quickly emptied.

Classifications:

International (IPC 8-9): A61F5/455 (Advanced/Invention);
A61F13/20 (Advanced/Non-invention)

CPC: A61F5/4553 A61F5/455 A61F13/2045

PatBase - US10470920_BA

**Family:**

Publication number	Publication date	Application number	Application date
US10470920 BA	20191112	US20190563904	20190908

Priority:

US20190563904 20190908

Probable Assignee:

VASUDEVA KARINA

Assignee(s): (std):

VASUDEVA KARINA

Inventor(s): (std):

VASUDEVA KARINA

4) Family number: 73435215 (US2020060865A)

Title: EASILY INSERTED MENSTRUAL CUP

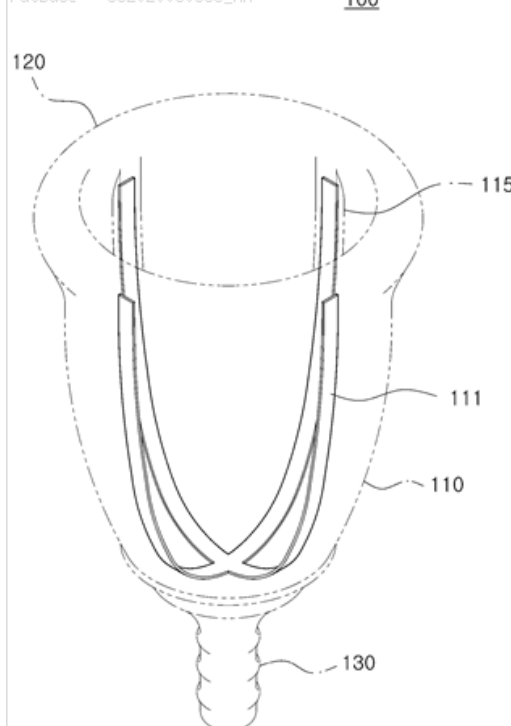
Abstract: The present invention relates to an easily inserted menstrual cup. The menstrual cup according to an embodiment of the present invention includes: a main body having an opening formed at one side and a storage part for accommodating menstrual blood therein formed at an inner side; a rim formed at the opening of the main body and configured to prevent leakage of the menstrual blood by closely contacting with the wall of the vagina when the menstrual cup is inserted into the vagina; and a frame formed inside a wall of the main body, wherein the frame is formed of a shape memory material.

Classifications:

International (IPC 8-9): A61F5/44 A61F5/455 (Advanced/Invention)

CPC: A61F5/4553 A61F5/4404 A61F5/44 A61F5/455

PatBase - US2020060865_AA

**Family:**

Publication number	Publication date	Application number	Application date
CN110621266 A	20191227	CN201880029517	20180622
KR102044895 B1	20191115	KR20170110338	20170830
KR20190023918 A	20190308	KR20170110338	20170830
US2020060865 AA	20200227	US20190672626	20191104
WO19045239 A1	20190307	WO2018KR07115	20180622

Priority:

KR20170110338 20170830

WO2018KR07115 20180622

US20190672626 20191104

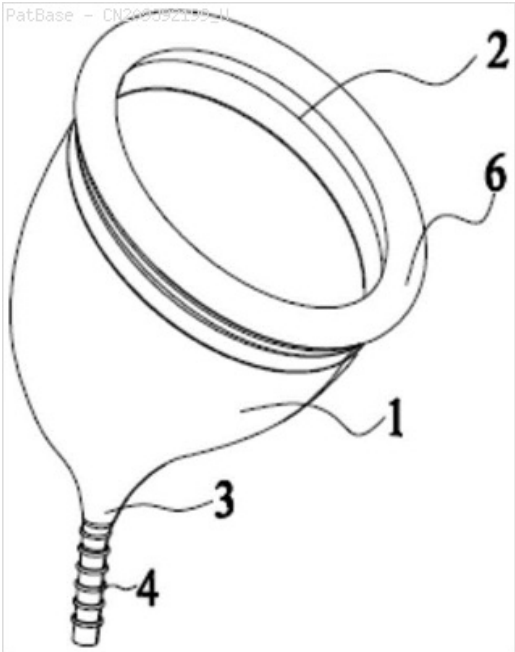
Probable Assignee: LOON LAB INC

Assignee(s): (std): LOON LAB INC
Inventor(s): (std): HWANG RYONG
Agent(s): MOA INTELLECTUAL PROPERTY LAW FIRM
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

5) Family number: 75881112 (CN209392199U) © PatBase
Title: NOVEL MENSTRUAL CUP

Abstract: The utility model discloses a novel menstrual cup. The cup comprises a cup body, the cup body is made of silica gel materials with flexibility and elasticity. A cup cavity is formed in the cup body; a cup opening is formed in the top of the cup cavity, the plane of the cup opening of the cup body is arranged to be oblique, the edge of the cup opening is arranged to be an arc-shaped protrusion, the two sides of the cup body are each of an outwards-protruding arc-shaped structure, the length of one side is larger than that of the other side, and an operating handle is arranged at the bottom of the cup cavity and inclines towards the short side of the cup body. And a plurality of anti-skid grain grooves are formed in the surface of the operating handle. The design curve of the cup body conforms to ergonomics, the cup body is easily attached to the body, and menstrual blood is not likely to leak out; the oblique cup opening and the arc-shaped protrusions on the edge of the cup opening are combined with the silica gel elastic material used by the cup body, the cup cavity is prone to rebounding after entering the body, and menstrual blood side leakage caused by improper placement of the novel menstrual cup or the situation that the novel menstrual cup is disengaged from the cup cavity due to displacement in the moving process of the human body is effectively avoided.

Classifications:
International (IPC 8-9): A61F5/455 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
■ CN209392199 U	20190917	CN201821757439U	20181029

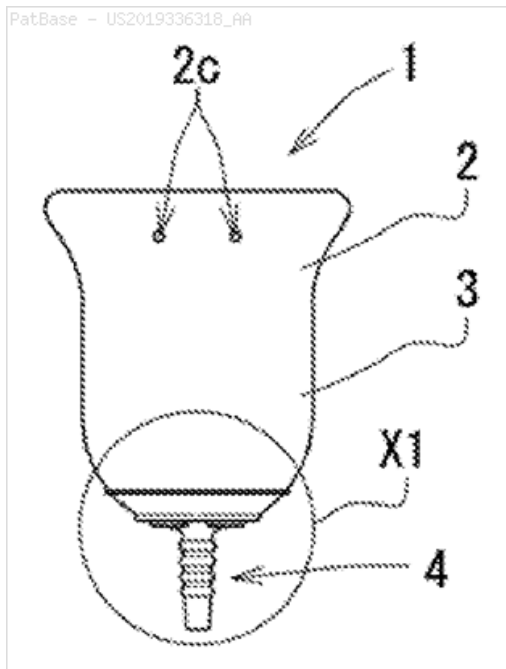
Priority:
CN201821757439U 20181029

Probable Assignee: LIU XIAOJIANG
Assignee(s): (std): NI XIAOJIANG
Assignee(s): LIU XIAOJIANG
Inventor(s): (std): NI XIAOJIANG

6) Family number: 70164952 (US2019336318A) © PatBase
Title: MENSTRUAL CUP

Abstract: A high-quality menstrual cup that can be used repeatedly and is comfortable when used. The menstrual cup has a head portion, a body portion, and a handle portion that are formed of the same silicone resin. This silicone resin has sufficient elasticity to permit the above portions to be deformable upon application of an external holding force by a user's fingers as well as structural restoration when the applied external force is removed. The head portion and the body portion are integrally formed, and a receiving space having a bottom is formed inside the head portion and the body portion. The receiving space has an opening on the upper side that allows menstrual blood to flow inward from the the opening (6), so that the menstrual blood can be received in the receiving space (5).

Classifications:
International (IPC 8-9): A61F5/441 A61F5/455 (Advanced/Invention)
CPC: A61F5/455 A61F5/441 A61F5/4553 A61F2005/4415

**Family:**

Publication number	Publication date	Application number	Application date
■ CN108882988 A	20181123	CN201780019802	20170920
■ JP2018118006 A2	20180802	JP20170013674	20170127
■ JP6337310 B1	20180606	JP20170013674	20170127
■ KR20180115741 A	20181023	KR20187026888	20170920
■ US2019336318 AA	20191107	US20170300441	20170920
■ WO18138963 A1	20180802	WO2017JP33906	20170920

Priority:

JP20170013674 20170127 WO2017JP33906 20170920

Probable Assignee: IMARI KK**Assignee(s):** (std): IMARI CO LTD ; IMARI KK**Assignee(s):** IMARI CO ; IMARI CORP**Inventor(s):** (std): KUBO MASAYA**Agent(s):** ARIYOSHI SHUICHIRO ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

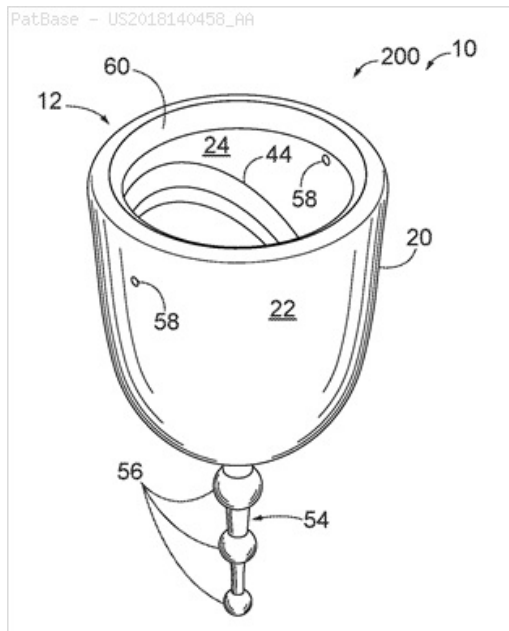
7) Family number: 69818068 (US2018140458A)

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Title: MENSTRUAL CUPS AND RELATED METHODS

Abstract: Menstrual cups comprise a resilient body having an open top and a closed bottom and defining an internal volume sized to hold menstrual fluid. The resilient body comprises a wall structure that extends from the open top to the closed bottom. The wall structure has an outer surface opposite the internal volume and an inner surface facing the internal volume. The resilient body is biased to an open conformation, and the resilient body has a longitudinal axis that extends through a center of the internal volume when in the open conformation.

Classifications:**International (IPC 8-9):** A61F5/455 (Advanced/Invention)**CPC:** A61F5/4553**US:** 1/1 604/330 D24/141**Locarno class:** 24/02



Family:

Publication number	Publication date	Application number	Application date
US2018140458 AA	20180524	US20170804854	20171106
USD832438 S1	20181030	US20170625758F	20171113

Priority:

US20160424278P 20161118 US20170804854 20171106 US20170625758F 20171113

Probable Assignee: LADY BUSINESS LLC

Assignee(s): (std): LADY BUSINESS LLC

Inventor(s): (std): BROCKWAY MEAGAN KENNEDY

Agent(s): DASCENZO INTELLECTUAL PROPERTY LAW PC

8) Family number: 47024546 (WO11013954A2)

© PatBase

Title: INSERTION-TYPE SANITARY CUP

Abstract: Provided is an insertion-type sanitary cup which is inserted into a vagina and can prevent leakage of discharged menstrual blood to the outside, backflow of discharged menstrual blood into the vagina, and toxic shock syndrome. A cup-shaped body having a wall, of which the inner diameter decreases from the upper part to the lower part, is inserted into a woman's vagina during her menstrual period, and has a hollow storage area for retaining menstrual blood therein. A grip is extended in the downward direction from the outer surface of the bottom part of the cup-shaped body. A wing plate is horizontally disposed in the cup-shaped body in order to divide the storage area of the cup-shaped body into an upper storage area and a lower storage area, thereby guiding the menstrual blood discharged from the vagina into the lower storage area and preventing the menstrual blood retained in the lower storage area from flowing back into the vagina.

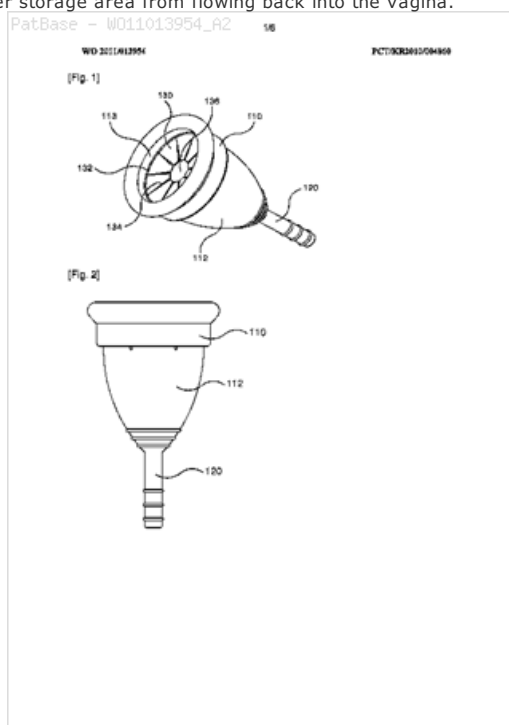
Classifications:

International (IPC 8-9): A61F5/44 A61F5/455 (Advanced/Invention);

A61F5/44 A61F5/451 (Core/Invention)

CPC: A61F5/4553 A61F5/4404

European: A61F5/455B A61F6/08



Family:

Publication number	Publication date	Application number	Application date
KR100973524 B1	20100802	KR20090068311	20090727
WO11013954 A2	20110203	WO2010KR04860	20100723
WO11013954 A3	20110526	WO2010KR04860	20100723

Priority:

KR20090068311 20090727

Probable Assignee: GREEN SILICON CO LTD

Assignee(s): (std): GREEN SILICON CO LTD ; LEE GOOK HOON

Assignee(s): GREEN SILICON CO

Inventor(s): (std): LEE GOOK HOON

Agent(s): JOO JONG HO

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

9) Family number: 52716770 (US2014012216A)

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Title: DROGUE-LIKE MENSES COLLECTION DEVICE

Abstract: A disposable catamenial device for the collection of menses discharge of the female human, including: a flexible resilient menstrual cup (MC), which includes: at least two resilient ribs extending inwardly from the inner surface of the MC base; an elastic rim frame connected to the top of the ribs; a reservoir bag connected to the rim in a sealed manner for collecting the menstrual fluid; and a withdrawal string connected to the cup bottom for enabling the extraction of said MC from the vagina. The MC has a drogue like structure comprising at least two flexible ribs having arcuate vertical struts (AVS) structure connected to a flat base. The ribs are connected to the elastic rim frame with at least two flexible arcuate horizontal struts (AHS).

Classifications:

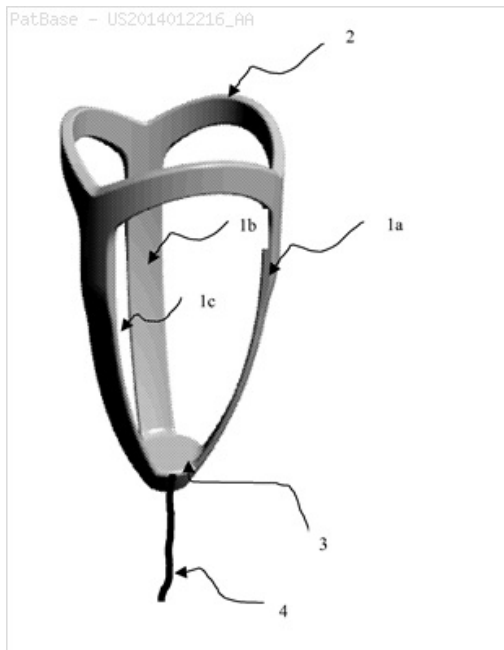
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A61M29/00 B29C39/00 (Advanced/Invention)

CPC: A61F5/4553 A61F6/08 Y10T29/49826

US: 29/428 604/330

PatBase - US2014012216_AA



Family:

Publication number	Publication date	Application number	Application date
DE202012103789 U1	20130110	DE201220103789U	20121003
US2014012216 AA	20140109	US20130933307	20130702
US9827136 BB	20171128	US20130933307	20130702

Priority:

US20120669137P 20120709

US20130933307 20130702

Probable Assignee: GALMEDICS BIOTECH LTD

Assignee(s): (std): GALMEDICS BIOTECH LTD ; GALS BIO LTD

Inventor(s): (std): SHAVIV HILLA

10) Family number: 47264380 (ES1073037U)

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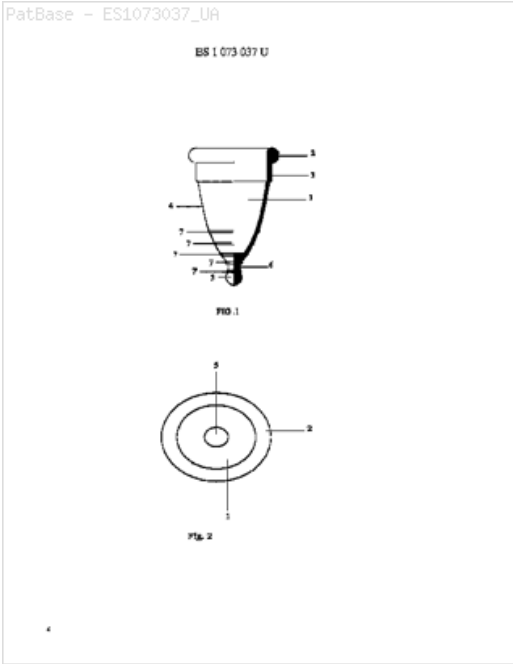
Title: COPA MENSTRUAL HIPOALERGENICA Y REUTILIZABLE REUSABLE MENSTRUAL CUP hypoallergenic (Machine translation)

Abstract: Source: ES1073037U [ES] 1. Copa menstrual hipoalergénica y reutilizable caracterizada por constar de un cuerpo en forma de copa (1) cuyo borde superior presenta un borde redondeado (2) sobresaliente de la copa exterior que termina en una zona en forma de anillo circular (3) que continua en una forma troncoconica invertida (4) la cual finaliza en un pendulo (5) terminado en una forma esférica y maciza unida a la copa por un cuello cilindrico (6) también macizo que en ambos extremos presenta unos anillos (7 y 7'') macizos de refuerzo externo. 2. Copa menstrual hipoalergénica y reutilizable

segun reivindicacion primera caracterizada porque en su parte inferior existen en su cara externa varios anillos (7) macizos de refuerzo. 3. Copa menstrual hipoalergenica y reutilizable segun reivindicaciones anteriores caracterizada por disponer de tres tallas en funcion de la edad y características de la usuaria.

Machine translation: 1. Hypoallergenic and reusable menstrual cup characterized by comprise a cup-shaped body (1) whose upper edge has a rounded edge (2) protruding from the outer cup ending in a circular ring-shaped (3) which continues in a inverted frustoconical shape (4) which ends in a pendulum (5) terminating in a solid spherical form and attached to the crown by a cylindrical neck (6) that also solid at both ends has rings (7 and 7'') solid external reinforcement. 2. Hypoallergenic and reusable menstrual cup according to claim first characterized in its lower part there in several outer rings (7) solid booster. 3. Hypoallergenic and reusable menstrual cup according to previous claims characterized by having three sizes as a function of age and characteristics of the user.

Classifications:
International (IPC 8-9): A61F13/15 (Advanced/Invention)
CPC: A61F5/4553



Family:

Publication number	Publication date	Application number	Application date
ES1073037 UA	20101020	ES20100030871U	20100819
ES1073037 Y1	20110131	ES20100030871U	20100819

Priority:

ES20100030871U 20100819

Probable Assignee: ALTERNATURAS ASOCIACION NAC DE

Assignee(s): (std): ALTERNATURAS ASOCIACION NAC DE ; ALTERNATURAS ASOCIACION NAC DE ALTERNATIVAS ECOLOGICAS

Assignee(s): ALTERNATURAS ASOCIACION NACIONAL DE ALTERNATIVAS ECOLOGICAS

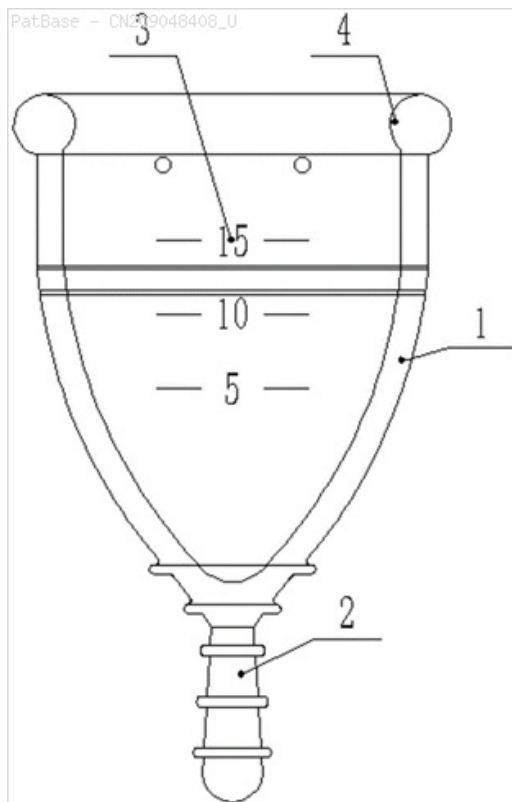
Inventor(s): (std): TORRALBA MUNOZ ADELA MARIA

11) Family number: 74924516 (CN209048408U) © PatBase

Title: IMPROVED SILICA GEL MENSTRUAL CUP

Abstract: The utility model discloses an improved silica gel menstrual cup which comprises a cup body and a handle, the cup body is made of materials with light color and high transparency and adopts sectional hardness, an opening of the cup body adopts high-hardness silica gel, and the handle adopts low-hardness silica gel. The handle is in an inverted cone shape; scales and numbers of the scales are arranged on the outer side of the cup body; the color of the cup body is light, the transparency of the cup body is high, and the menstrual volume is easy to observe. The inverted-cone-shaped handle enables the cup body to be taken out more easily; the cup body adopts sectional hardness, and an opening of the menstrual cup adopts high-hardness silica gel, so that the opening is easy, and side leakage is avoided; the handle is made of low-hardness silica gel, so that the vaginal orifice has no foreign body sensation; scale marks and numbers are arranged on the outer side of the cup body, reading is easier, and menstrual volume is easily recorded. The leakage-proof rib is reinforced at the opening inside the cup body, is easy to open after being put in, and is not easy to spill out menstrual fluid when being taken out.

Classifications:
International (IPC 8-9): A61F5/455 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
■ CN209048408 U	20190702	CN201821536739U	20180920

Priority:

CN201821536739U 20180920

Probable Assignee: KUNSHAN GOBEST RUBBER PRODUCTS CO LTD

Assignee(s): (std): KUNSHAN GOBEST RUBBER PRODUCTS CO LTD

Assignee(s): KUNSHAN POWER TIMES UP TO RUBBER PRODUCTS CO LTD ; KUNSHAN GOBEST RUBBER PRODUCTS CO

Inventor(s): (std): SONG CHUANGUANG

12) Family number: 61251244 (USD746452S)

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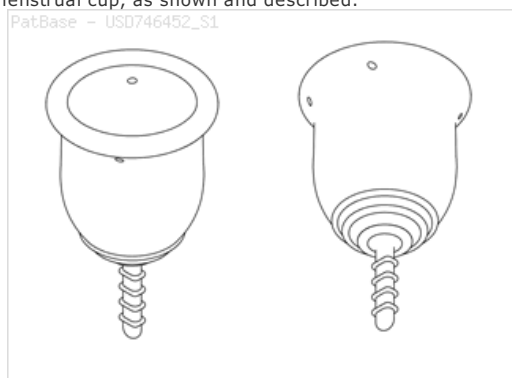
Title: REUSABLE MENSTRUAL CUP

Abstract: [Source: Claim 1] The ornamental design for a reusable menstrual cup, as shown and described.

Classifications:

US: D24/141

Locarno class: 24/02



Family:

Publication number	Publication date	Application number	Application date
■ USD746452 S1	20151229	US20150514783F	20150116

Priority:

US20150514783F 20150116

Probable Assignee:

PETROVA VILISLAVA

Assignee(s): (std):

PETROVA VILISLAVA

Inventor(s): (std):

PETROVA VILISLAVA

Agent(s):

ANDREW

Title: DEVICE FOR TRAPPING MENSTRUAL BLOOD, FITTED WITH A RETRIEVAL PART WHICH IS EASILY GRIPPED, E.G. A GRIP MADE OF SUPERIMPOSED LARGE AND SMALL SPHERES, WHICH CAN BE SHORTENED AND PUSHED INTO THE CALYX SECTION

Abstract: A device for trapping menstrual blood is fitted with a retrieval part (1) which is easily gripped.

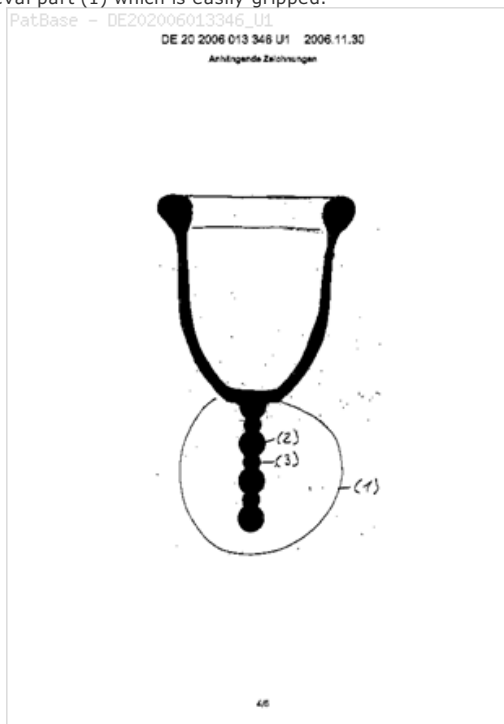
Classifications:

International (IPC 8-9): A61F13/15 (Advanced/Invention);

A61F13/15 (Core/Invention)

CPC: A61F5/4553

European: A61F5/455B



Family:

Publication number	Publication date	Application number	Application date
DE202006013346 U1	20061026	DE200620013346U	20060830

Priority:

DE200620013346U 20060830

Probable Assignee: VEKTOR TECH SYSTEME GMBH

Assignee(s): (std): VEKTOR TECH SYSTEME GMBH

Assignee(s): VEKTOR TECHNISCHE SYSTEME GMBH

Title: VAGINAL CUP

Abstract: A vaginal cup including a cup-shaped container having a principal longitudinal axis, an outer surface and an upwardly facing mouth with an associated thickened portion, said cup-shaped container including a generally frustoconical portion defining a continuous inner surface; and gripping means extending from said quasi-spherical portion, for the purpose of manually removing said cup from operative position; said cup-shaped container tending to resiliently resist bending of said container about an axis substantially perpendicular to said principal axis, while the thickened portion allows limited bending of said container about an axis substantially parallel to said principal axis.

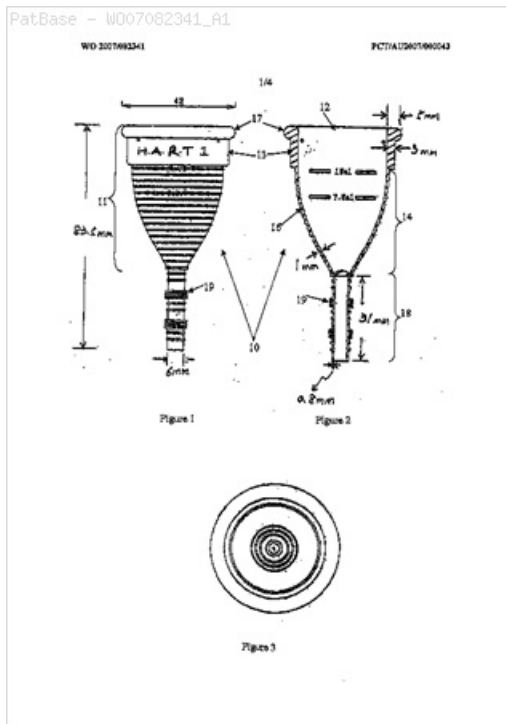
Classifications:

International (IPC 8-9): A61F5/455 (Advanced/Invention);

A61F5/451 (Core/Invention)

CPC: A61F5/4553

European: A61F5/455B

**Family:**

Publication number	Publication date	Application number	Application date
AU2006100036 AD	20060223	AU20060100036	20060117
W007082341 A1	20070726	WO2007AU00043	20070117

Priority:

AU20060100036 20060117

Probable Assignee: REVIVALIFE AND HEALTH SOLUTION**Assignee(s):** (std): BACKMAN SAIM DEBORAH ; BASLAR PTY LTD ; REVIVALIFE AND HEALTH SOLUTION**Assignee(s):** REVIVALIFE AND HEALTH SOLUTIONS PTY LTD**Inventor(s):** (std): BACKMAN SAMANTHA ; BACKMAN SAIM DEBORAH**Inventor(s):** SAMANTHA BACKMAN**Agent(s):** CULLENS PATENT AND TRADE MARK ATTORNEYS; CULLENS PTY LTD; SPRUSON AND FERGUSON

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

15) Family number: 56631751 (CN203634351U)

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Title: ANTI-MICROBIAL MENSTRUATION CUP

Abstract: The utility model provides an anti-microbial menstruation cup which comprises a silica gel cup body and a silica gel pull handle connected to the bottom of the cup body. An anti-microbial agent is arranged in the silica gel cup body and the silica gel pull handle. The anti-microbial menstruation cup contains the anti-microbial agent and can effectively prevent virus, has anti-microbial and antiphlogistic functions, serve as a female health-care product and greatly play anti-microbial and health-care roles.

Classifications:**International (IPC 8-9):** A61F5/455 (Advanced/Invention)

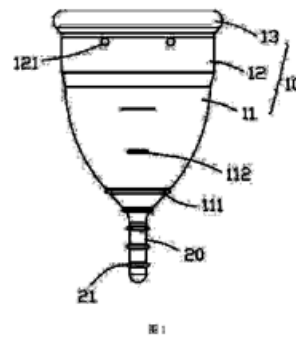


图 1

Family:

Publication number	Publication date	Application number	Application date
■ CN203634351 U	20140611	CN201320834140U	20131218

Priority:

CN201320834140U 20131218

Probable Assignee: DONGGUAN XIBEI IND CO LTD**Assignee(s):** (std): DONGGUAN CIBAY IND CO LTD ; DONGGUAN XIBEI IND CO LTD**Assignee(s):** DONGGUAN XIBEI INDUSTRIAL CO**Inventor(s):** (std): WU SHIWEI ; ZHANG QUAN**16) Family number: 73587409** (US2019083296A)

© PatBase

Title: MENSTRUAL CUP

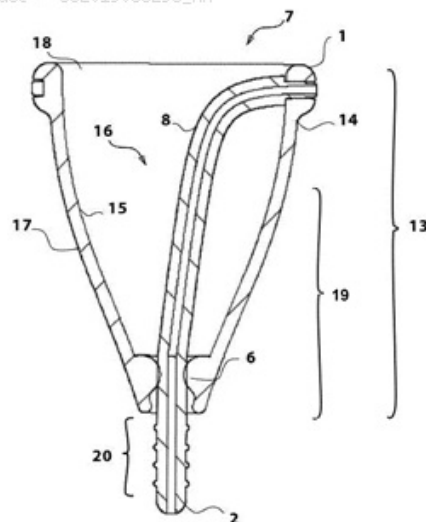
Abstract: A menstrual cup and applicator for use in the vagina. The menstrual cup having a receptacle for holding fluid and having a stem device connected to the top of the cup and extending through the open cavity through the bottom of the cup. The stem is configured to actuate the side and rim of the cup to allow for easier insertion and removal of the cup. The applicator may have several components and is configured to grasp a folded cup and position the cup in a deployed position within the vagina. Additionally, the applicator is designed to aid in the removal of the menstrual cup.

Classifications:**International (IPC 8-9):** A61F13/15 A61F13/20 A61F5/44 A61F5/451

A61F5/455 (Advanced/Invention)

CPC: A61F5/4404 A61F5/4553**US:** 1/1

PatBase - US2019083296_AA

**Family:**

Publication number	Publication date	Application number	Application date
■ TW201914552 A	20190416	TW20180132601	20180917
■ US2019083296 AA	20190321	US20180132122	20180914
■ US10357395 BB	20190723	US20180132122	20180914
■ WO19055855 A1	20190321	WO2018US51187	20180914

Priority:

US20170559050P 20170915 US20180132122 20180914

Probable Assignee: FLEX CO

Assignee(s): (std): FLEX CO

Inventor(s): (std): MILLER ANDREW ROSS ; ADAME JANE HARTMAN ; ADAME JANE ; MILLER ANDREW

Agent(s): KPPB LLP; ADAMS BRYAN K

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

17) Family number: 73045771 (WO19020958A1)

PatBase

Title: GROOVED MENSTRUAL CUP, PRODUCTION METHOD THEREOF, AND ASSOCIATED DISINFECTION METHOD AND KIT

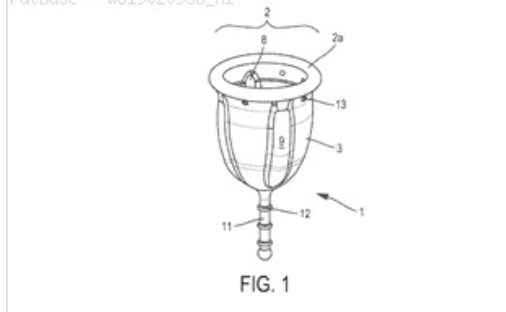
Abstract: The invention relates to a menstrual cup (1) including an upper opening (2) and a receptacle (3) comprising a body (4) having a curved longitudinal shape and a base (5), the cup extending longitudinally from the opening (2) to the base (5) and having an inner surface (6) corresponding to the concave portion of the receptacle (3), and an outer surface (7) corresponding to the convex portion of the receptacle (3), characterised in that the body (4) comprises at least one hollow longitudinal groove (8) on the inner surface (6) of the body (4) and at least one solid longitudinal groove (9) on the outer surface (7) of the body (4), aligned with the hollow longitudinal groove (8) on the inner surface (6). The invention also relates to an associated kit and a method for disinfecting the menstrual cup (1).

Classifications:

International (IPC 8-9): A61F5/455 (Advanced/Invention)

CPC: A61F5/4553

PatBase - WO19020958_A1



Family:

Publication number	Publication date	Application number	Application date
CA3071050 AA	20200124	CA20183071050	20180727
FR3069432 A1	20190201	FR20170070805	20170728
WO19020958 A1	20190131	WO2018FR51934	20180727

Priority:

FR20170070805 20170728 WO2018FR51934 20180727

Probable Assignee: CLARIPHARM

Assignee(s): (std): CLARIPHARM

Assignee(s): LE COURT CLARISSE

Inventor(s): (std): LE COURT CLARISSE

Inventor(s): CLARISSE LE COURT

Agent(s): BCF LLP; CABINET BREV AND SUD; RHEIN ALAIN

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW