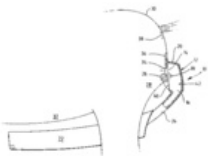
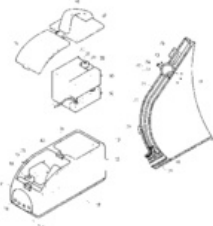
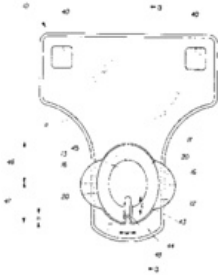
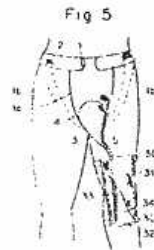
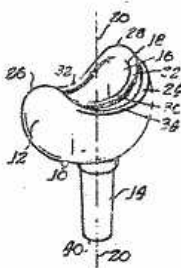
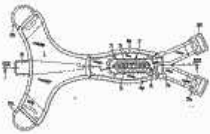
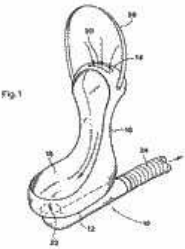
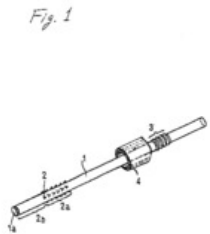
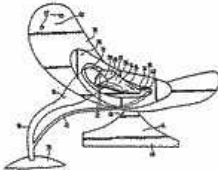
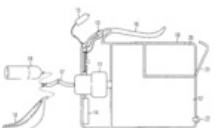
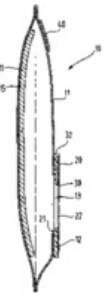
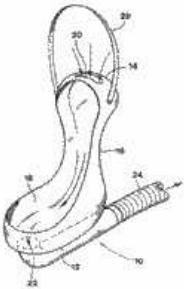
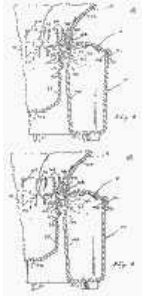
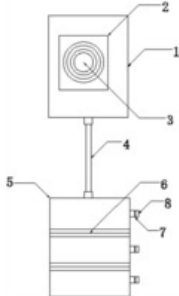
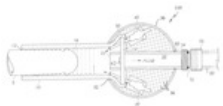
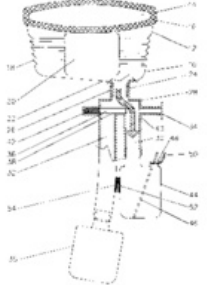
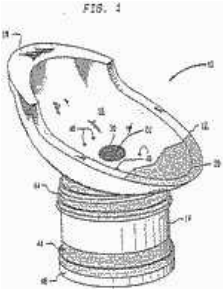
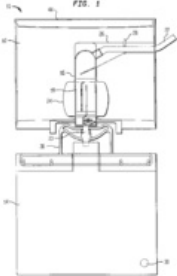
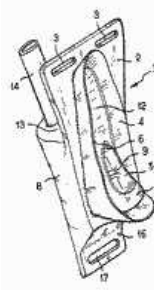
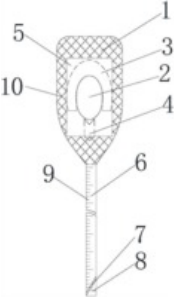
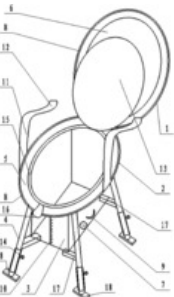


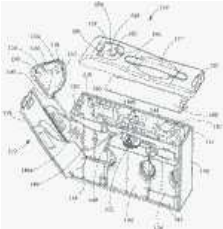
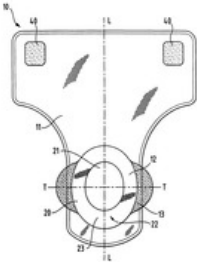
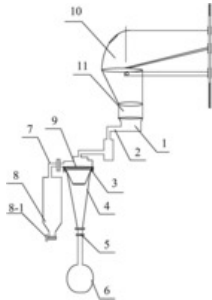
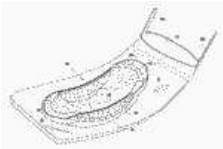
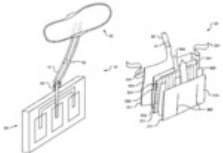
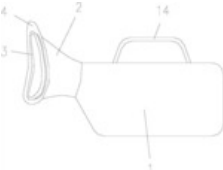
1252 results for (female and collector and urine and seal)/TI/AB/IW/TX - Collection: FAMPAT

#	 Title	Publication number	1st app. date	Applicant/Assignee		
1.	Female urine collector for obtaining a midstream urine sample	CO2017000009	2017-01-02	PALACIO CASTRILLON JONATAN	100 %	
The present invention relates to a disposable female urine collector for obtaining a midstream urine sample, intended for a clinical laboratory. The invention consists of a container (3) that is fitted to a collector body (2) by means of a ring (4), in the lower part of the body. Mid-urination, without stopping the flow, the user pulls a cord (6) which detaches a seal (5) that is affixed to the ring (4), allowing the midstream flow to be deposited in the container (3). Any urine passed prior to the taking of the sample and any urine exceeding the capacity of the container (3) flows through the conical body (2) and spills out through the hole (10). Once removed and sealed, the container is intended for use by a clinical laboratory. The simplified version of the device does not include a seal, cord, clips or button (5, 6, 7 and 8).						
2.	Urine collector	WO200119282	2000-09-08	BRIAN WILLIAM PATERSON;Brian W. Patterson	100 %	
The present invention provides a method and apparatus for collecting urine from a female quadruped (30), the apparatus comprising a urine collector (10) including: (a) a urine receptacle (12) having a urine inlet (14) for receiving urine (b) a support member (26) for supporting the receptacle (12), the support member (26) beatable to bridge the rump (28) of the quadruped (30) adjacent to and below the vulva (36) thereof and generally conforming to the shape of the rump (28) to thereby resist lateral displacement wherein the receptacle (12) is supported by the support member (26) so that the urine inlet (14) is proximate to and substantially surrounds the periphery of the urethra (34).						
3.	Personal urine collecting apparatus having bidet system	EP1180353	2001-08-14	HANMEDICS* KOREA MEDIX	100 %	
A personal urine collecting apparatus (100) having a bidet system, includes a urine collector (20) for collecting urine from a person, a urine repository (30) for storing urine collected from the urine collector through a urine release guide line, a cleansing water tank (40) arranged on one side of the urine repository for storing cleansing water, a heater (50) connected to the cleansing water tank so as to receive a predetermined amount of the cleansing water and heat the cleansing water, a bidet system (70) installed on in a body of the urine collector for injecting the cleansing water from the heater, a driving means (60) connected to the urine release guide line and cleansing water guide line for actuating the urine collector and the bidet system, a controller for controlling the driving means, a sensing means (27c,56) for sensing a condition of the urine collector and a condition of at least one of the urine repository, cleansing water tank and the heater, and a case (10) for housing and mounting the urine collector, the urine repository, cleansing water tank, the heater, the bidet system, the driving means and the sensing means. <IMAGE>						
4.	Shaped flange for a urine collector	WO200000116	1999-06-28	PROCTER & GAMBLE*	100 %	
The present invention relates to a female adult urine management device (10) designed to provide improved body fit between the flange and the skin of the wearer and thereby prevent leakage. The urine management device (10) comprises a bag (11) having an aperture (13), and a flange (12), which surrounds the aperture (21). The flange (12) provides for adhesive attachment to the uro-genital area of the wearer. In particular, the rear portion (46) of the flange comprises a projection (48), which provides an effective seal between the flange (12) and the skin of the wearer and prevents leakage to the urinary tract. In particular the device (10) fits snugly between the labia and the anus and thereby improves sealing. In another aspect of the present invention, projection acts as a application to assist in the easy and correct positioning of the device.						
5.	Urinary appliance	WO8301195	1981-10-08	FUKUSHIMA KIYOSHI* FUKUSHIMA, KIYOSHI FUKUSHIMA, KYOSHI	100 %	
This invention relates to a urinary appliance for use by incontinent patients. The urinary appliance of the present invention is equipped with a urine receiving bag 3 made of a soft and flexible fabric that is permeable to air, and water repellent. A urinal 8 or a urine storage bag 32 is connected to the urine receiving bag 3. A high water-absorbant resin 34 is placed inside the urine storage bag 32 so as to absorb and gel the urine.						
6.	External apparatus to collect urine in the woman	SE8306106	1983-11-07	ITW - ILLINOIS TOOL WORKS*	100 %	
An improved female urinary appliance includes a mouth surrounding a urine-receiving cavity, and a drainage channel integral with the backside of the device and communicates with a bore opening from said cavity. The device includes means for preventing the drainage channel from kinking. The mouth is adapted to be positioned within the labia folds of the user, in contact with the vestibular tissue around the meatus and held in place by gentle vacuum. A valve is preferably used in combination with the appliance, and includes an inlet and an outlet, for maintaining a preselected vacuum condition at the valve inlet and a predetermined pressure condition at the valve outlet is disclosed. In preferred use, the drainage channel is suitably connected in spaced relation to the valve inlet. The valve contains a flow control element adapted to control flow of urine from the cavity. While the mouth is held against the vestibular tissue by gentle vacuum, urine flowing through the appliance and valve entrains gas present in the cavity. In the cavity, a desired vacuum condition is maintained, over time, because the valve includes a semi- permeable membrane adapted to permit air and other gas to diffuse through a portion of the valve and thereby to counteract the effects of entrainment and relieve or maintain the vacuum condition at a predetermined level. <IMAGE> (From GB2130097 A)						

7.	Urine collector for incontinent women	WO8505264	1984-05-15	NUSSBAUMER MAX;NUSSBAUMER, MAX	100 %
In a part (2) made of a slightly elastic material, a collector structure (11) is arranged above a collector space (19) provided with an outlet (7). The collector structure (11) is comprised of two side portions (11a, 11b) representing zigzag elevations. The structure delimits a liquid area (22) against which the side areas (19a, 19b) of the edge (19) of the part (2), with a front bulging (15) and a rear bulging (17), delimit a moisture zone (23). The collector structure (11) is placed between the labia majora and the labia minora of the women, while the elements delimiting the moisture zone are placed outside the labia majora. This urine collector enables incontinent women to be free to move from one place to another without risking to dirty their garments with urine.					
					
8.	Urine collection apparatus	EP1658831	2004-11-23	ONKOLOGIE INTERNASIONALE BELEG*	100 %
Urine collection apparatus is provided which can be used to assist bedridden and/or incontinent patients, particularly female patients. The apparatus includes a urine collector which is shaped for location against the perineal region of a patient adjacent the urethra. The urine collector comprises a hollow body (10) having opposed ends in which an inlet (20) for air and an outlet (22) for air and urine are formed, respectively. The body has a central region between the end regions with a reduced cross-sectional area. This effectively creates a venturi adjacent the patient's urethra when air passes through the collector. The apparatus includes a urine receptacle with an inlet (44) for receiving air and urine from the collector, and an outlet (46) for air which is connectable to a source (38) of low pressure. The source of low pressure will typically be an impeller driven by an electric motor, which creates a sufficiently strong air flow through the apparatus to entrain urine and transport in to the receptacle.					
					
9.	Urine sampler	CA2082355	1992-11-05	KOICHIRO SAITO SAITO KOICHIRO CENTRAL INSATSU SAKAI YOSHISUKE* YOSHISUKE SAKAI	99 %
In one configuration, a urine sampler comprises a hollow, cylindrical main stick body (1) that is closed at least at one end and has a plurality of urine collection apertures (2) formed in the wall thereof and, in another, comprises a urine collector (11) having a long rod-shaped handle (12), a urine collection member (13) constituted continuously with the handle and provided with urine collection apertures (131) and a urine accumulator (14) constituted continuously with the base of the urine collection member, and a urine storage capsule (15) having a cutter (17) for cutting a portion of the urine collector, a urine container (16) for receiving urine flowing in from the urine collector and a lid. In the second configuration, the urine collector and the urine storage capsule are separate units. The urine sampler of either configuration is compact and extremely easy to use for collecting a urine sample of the minimum required quantity and, moreover, enables the collected sample to be safely transferred without spilling. <IMAGE> <IMAGE>					
					
10.	Device for the discharge of urine for persons of the female sex suffering from enuresis	WO8806874	1988-03-05	WILHELM SCHAUF	99 %
Unless a device for the discharge of urine for persons of the female sex suffering from enuresis is arranged on the wearer's body in a leak-proof manner, urine may escape from the device during urination, wetting the clothing and causing unpleasant odours. The device described comprises an outlet orifice (12) and a projection (22) lying centrally between the labia majora which spreads the labia. This nose-shaped projection limits the outlet orifice to the vaginal region. This design permits rapid discharge of the urine, thereby preventing any leakage to the exterior due to accumulation. In addition, the region of the vagina moistened by the urine is considerably reduced, thus preventing irritation of the skin. The design of the projection as a central nose (14) also ensures high wearer comfort, particularly in association with a panty girdle.					
					
11.	Hand-held female urine collector	US20130144240	2011-12-01	ELLIS ANN MARIE	99 %
A portable female urine collector for urine collection and stowage, and a method of assembling same is disclosed. In one embodiment, the portable female urine collector includes a foldable absorbent pad for collecting urine, and a receptacle attached to the foldable absorbent pad for stowing the foldable absorbent pad therein after the foldable absorbent pad is used. After the foldable absorbent pad is used, the foldable absorbent pad is folded by the user and then sealed within the attached receptacle for later disposal. The portable female urine collector is useful whenever toilet facilities for females are either unavailable or unsuitable.					
					
12.	Pump augmented urine collector	WO03099092	2002-05-22	WOELFEL ROBERT*	99 %
A urine collector is comprised of a container (12) with an electric suction pump (11). A hose (17) extending from the pump (11) is connected to a funnel (18,19) for collecting urine. The funnel (18,19) is comprised of an interchangeable female (18) or male (19) funnel. The female funnel (18) is comprised of a cup (36) with an elongated and curved opening (33) for closely fitting under and against a vulva. The male funnel (19) is comprised of a penis-shaped tube (42) with a resilient sealing ring (43) around an open end (44) for sealing around an inserted penis. The funnel (18,19) can be positioned against the body through a fly in the pants, through a loosened waistband, or under a dress. Urine deposited in the funnel (18,19) is rapidly drawn into the container (12) by the pump (11) even when the funnel (18,19) and the top end of the tube (17) are angled up and define an initially uphill path for the urine, such as when the user is seated.					
					
13.	A method for collecting and disposing of human waste	EP0966937	1998-06-26	PROCTER & GAMBLE*	99 %
A method for collecting and disposing of urine and fecal excrement from an individual. The method is the simultaneous and independent use of a disposable urine management device and a disposable fecal management device. The disposable urine management device is independently applied in a releasable manner to the uro-genital area of the individual while the disposable fecal management device is independently applied in a releasable manner to the perineal area of the individual.					
					

14.	Urine collection apparatus	CA2488296	2004-11-23	ONKOLOGIE INTERNASIONALE BELEGGINGS*	99 %
Urine collection apparatus is provided which can be used to assist bedridden and/or incontinent patients, particularly female patients. The apparatus includes a urine collector which is shaped for location against the perineal region of a patient adjacent the urethra. The urine collector comprises a hollow body having opposed ends in which an inlet for air and an outlet for air and urine are formed, respectively. The body has a central region between the end regions with a reduced cross-sectional area. This effectively creates a venturi adjacent the patient's urethra when air passes through the collector. The apparatus includes a urine receptacle with an inlet for receiving air and urine from the collector, and an outlet for air which is connectable to a source of low pressure. The source of low pressure will typically be an impeller driven by an electric motor, which creates a sufficiently strong air flow through the apparatus to entrain urine and transport it to the receptacle.					
15.	Urine collector for female use	WO03063743	2002-01-30	IBELCA INGENIERIA DE TELECOMUN LAUCLAR*	99 %
The invention relates to a urine collector for female use. The inventive collector comprises a body which adopts the almost triangular plantar shape and which comprises a concave area (3). Said concave area comprises a recess (5) which is provided externally with a conical projection. The aforementioned body (2) is provided with an elongated end (7) having two lateral projections in the form of wings that are coated with an adhesive.					
16.	Urine specimen collecting device	PT70301	1979-10-04	SHS ENTERPRISES*	99 %
A device for collecting a urine specimen, which is particularly adapted for females, is configured and adapted for use while the user is sitting on a toilet in the normal position for voiding. The device (10) comprises a collector (12) and a specimen container (14), preferably integrally assembled together. In use the device selectively collects the clean, contaminant-free mid-stream portion of urine in the container. The urine specimen container (14) is releasably secured to the collector (12) at a bleed-off conduit (22) extending from a collection exit (28) in a urine receiving chamber (20) of the collector (12). This exit (28) is positioned in the chamber above a urine bleed-off exit (26) in the conduit (22) adapted for receiving and discarding the first-voided portion of urine at a controlled rate. Means (24,26) are provided for directing into the toilet all of the voided urine in excess of that which is retained in the specimen container (14), including the discarded first-voided portion. A suitable handle (18) extends radially outward from the collector (12) to facilitate holding the device (10) in the preferred attitude for use.					
17.	Disposable female urine liquid collector	CN206548893	2016-12-06	TAN SHUPING	99 %
The utility model provides a disposable female urine liquid collector, the plain noodles sticker is laminated on making the medical viscose layer on pocket top, marks the circle of cutting out of a plurality of different diameters on the sticker of plain noodles, and the device is also advantaged by ingenious structure, functions are powerful, the beneficial effects of the utility model are that the branch period storage urine of being convenient for.					
18.	Automated collection and analysis of body fluids	US20170241978	2017-01-22	UR24 TECHNOLOGY*	99 %
A method for collecting and analyzing urine at the time it is released uses a urine collecting tube joined with a canister. Suction is produced in the collecting tube to join the tube with a penis or to the exterior surface of a female urethra orifice. Once suction is achieved the collecting tube stays in place by suction action. When urine flows into the urine collecting tube a sensor triggers a vacuum pump to produce a higher level of suction to flush the urine into the canister where a level sensor determines the quantity of urine received. Various sensors in the canister determine levels of non-urine partials such as occult blood, drugs, salt, and other substances. When urine is no longer detected within the urine tube, the vacuum pump is turned off and a low-level vacuum remains to assure interconnection with the urine tube.					
19.	Female urine collector	US20020193760	2001-06-13	THOMPSON GAREY	99 %
An upright female urine collector having a horizontally accordion pleated rectangular shaped urine collection receptacle with a tube outlet, the tube housing a manually operated two way valve disposed to direct urine flow either to a sample reservoir containing a chemical reagent test strip or to a urine sample collector. The two way valve can be spring activated or can be hand turned for instant urine flow redirection. In an alternate embodiment, an upright female urine collector has a urine collection receptacle modified to retain the chemical reagent test strip in a trench with exit means for quick test results observation.					

20.	Integrity preserving and determining urine sample collection apparatus.	EP0342701	1989-05-18	FRANKLIN DIAGNOSTICS*	99 %	
21.	Urine measuring device and process for determining urine density	WO9513524	1993-11-12	FRESENIUS*	99 %	
22.	Permanent receptacle for collecting urine from women	EP0314578	1987-10-30	KILRUSH* NIGAY PIERRE	99 %	
23.	Infant urine collector	CN207356093	2018-01-19	ZHANG SHUYI	99 %	
24.	Collector is kept somewhere to urine	CN207666606	2017-03-14	PEOPLE S HOSPITAL OF GUANGXI ZHUANG AUTONOMOUS REGION*	99 %	

25.	Portable intelligent urine collector	CN102525772	2012-01-14	CHENGDU CAMHOPE INSTRUMENT*	99 %	
The invention discloses a portable intelligent urine collector, which comprises an enclosure, a urine collector, a urine storage bottle, a cleaning solution bottle, a vacuum pump, a cleaning pump, a controller and a urine monitoring electronic sensor, wherein the outlet of the urine collector is connected with the inlet of the vacuum pump, the outlet of the vacuum pump is connected with the inlet of the urine storage bottle, the outlet of the cleaning solution bottle is connected with the inlet of the cleaning pump, and the outlet of the cleaning pump is connected with the cleaning solution inlet of the urine collector; and the urine monitoring electronic sensor is arranged in the urine collector, the signal output end of the urine monitoring electronic sensor is correspondingly connected with the signal input end of the controller, the urine pumping signal output end of the controller is connected with the control signal input end of the vacuum pump, and the cleaning signal output end of the controller is connected with the control signal input end of the cleaning pump. The portable intelligent urine collector can be used for automatically collecting and storing urine and automatically cleaning the inner surface of the urine collector so as to prevent the health of a user from being affected by bacteria propagated in the container due to the storage of the urine.						
26.	Adhesive urine collector	WO200000111	1999-06-11	PROCTER & GAMBLE*	99 %	
The present invention relates to urine management devices for babies, children or adults, male or female, to be adhesively attached in a releasable manner to the uro-genital area of the wearer, said devices being particularly easy to put in place and particularly easy to detach after use. Claimed and described is a urine management device (10) comprising a bag (11), said bag (11) having an aperture (21) and a flange (12) surrounding said aperture (21), said flange (12) having a wearer facing portion (23) and a garment facing portion (22), wherein said wearer facing portion (23) comprises a layer of adhesive (20) for releasable attachment to the uro-genital area of a wearer, characterised in that said flange (12) is provided with at least one non-adhesive lobe (13).						
27.	Special device for collecting female animal feces and urine in cow metabolism test	CN106153398	2016-06-27	LANZHOU UNIVERSITY*	99 %	
The invention provides a special device for collecting female animal feces and urine in a cow metabolism test. The special device comprises a feces inlet, a hose, a first layer seal ring, a sewage storing device, a filter, a urine collector, a sewage pipe, a feces collector, a filtering barrel, a feces collecting device and a pipeline endoscope; the lower end of the feces inlet is connected with the hose, the first layer seal ring is installed at the end of the upper side of the sewage storing device, the filter is arranged at the bottom of the sewage storing device, the urine collector is arranged at the lower end of the filter, the sewage storing device is connected with the feces collector through the sewage pipe, and the filtering barrel is arranged at the upper end in the sewage storing device; the pipeline endoscope is arranged at the upper end of the feces inlet, and the feces collecting device is connected to the upper end of the pipeline endoscope. As the first layer seal ring, the filter and the sewage pipe are arranged, feces can be isolated more effectively, and the special device is convenient and fast, beneficial for controlling flowing-down speed of the feces, simple in structure and convenient to use.						
28.	Disposable urine collector with pad and shell	WO2008058071	2006-11-07	DIETZ KIMBERLY TOMES;ERNEST THERESA;TOMES DIETZ KIMBERLY L.;TOMES KIMBERLY L	99 %	
A disposable urine collection device may include an absorbent pad disposed proximate to the inner surface of a shell. The device may be contoured to be positioned against and enclose the urinary area of a user such that the absorbent pad may absorb a quantity of urine associated with a complete urinary discharge from the user. The absorbent pad may be formed from one or more commercially available diapers. One or more elastic cuffs may be provided to conform to the user's urinary area and to help contain the flow of urine as it is discharged from the user. An invertible bag may be attached to the bottom of the shell so that the user may conveniently enclose the absorbent pad after use and dispose of the device in a sanitary manner.						
29.	Personal urine management system for humans	US20010037097	2001-04-05	BEANE DANIEL M. BEANE RICHARD M. CHENG GORDON C. UROSCIENTIFIC* VALENTINE JAMES R.	99 %	
A urine management system including components in fluid wicking communication with one another - a collection device, a conveyance tube, and a storage container - is disclosed. The gender-shaped collection device has wettable internal walls and contains a spacing wick. The male collection device additionally has a compression tube that provides a uniform compressive force for attachment and seal. The conveyance tube wicks urine from the collection device to the storage container, and contains a spacer throughout its length to prevent blockage by kinks or twists. The tube adapts to human shape and movement, expands during use, and contracts during idle periods. The storage container receives urine from the conveyance tube and immobilizes it. The storage container can be reusable or disposable. It's internal structure causes uniform distribution of the urine throughout the storage container. The urine system components provide continuous wicking through special connecting devices. The urine system components and special connecting devices may be serially connected to each other or to other types of components.						
30.	Female urine collector	CN207590905	2017-04-14	AFFILIATED HOSPITAL OF STOMATOLOGY CHONGQING MEDICAL UNIVERSITY* FIRST AFFILIATED HOSPITAL OF CHONGQING MEDICAL UNIVERSITY*	99 %	
The utility model discloses a female urine collector, including the kettle body and with the kettle body coupling connect the urine mouth, connect the oral area edge of urine mouth to be provided withthe elasticity gasbag, the oral area edge that connects the urine mouth still is provided with the seal lip limit of being made by the silica gel material, the elasticity gasbag is located the inboard on seal lip limit. This female urine collector will connect the elasticity gasbag of urine valve mouth portion to press on urethral orifice surrounding skin when connecting urine, the elasticity gasbag warp under the exogenic action, can good closing with dermal patch to can avoid connecting the urine in -process because of connecting urine valve mouth portion and dermal patch to close the not goodproblem of revealing that causes. And elasticity gasbag compliance is good, close comfortably with dermal patch to can avoid to connect hard the urine mouth to press and to cause the uncomfortableproblems of feeling such as painful on skin, even and between elasticity gasbag and skin when the gap appearing, can also live the urine of revealing is sealed through the seal lip limit to urine thatthe seal lip edge sealing was lived can the problem can not appeared revealing by minipump suction negative pressure bottle in the time of further guaranteeing to connect urine.						