



New connection on: : 10-11-2018 : 01:13:46 - Last disconnection on: : 09-11-2018 : 19:02:15

V 4.0.0.44358(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#(D201802)) (RPM D201802)

Welcome to EPOQUE Rebuild under the Production Environment

[EPODOC: SS 9] (article or product) and absorbent

Results in EPODOC **43.334**

[SS 10] 10 and (multiple and use)

Non-existent or invalid SS number(s).

- Check with the command `..HI`. When searching for numbers, use quotes e.g. `"4" W WHEEL?` *ERROR*
(-100803)

[SS 10] ..er ss 10

Unknown parameter at: `..ER >>>SS<<< 10`

- The possible parameters are: `<SSNumber(s)>`, `"ALL"`, `"SSZ"`, `"FOR"`, `"CL"`, `"LD"`, `"MEM"`, `"M<n>"`, `"FROM"` *ERROR*(-104204)

[SS 10] ..er10

Unknown command or preparation. [More info](#) *ERROR*(-104000)

[SS 10] ..er all

[SS 1] (article or product) and absorbent

Results in EPODOC **43.334**

[SS 2] absorbent and insert

Results in EPODOC **1.212**

[SS 3] 1 and 2

Results in EPODOC **342**

[SS 4] line and weakness

Results in EPODOC 3.216

[SS 5] 3 and 4

Results in EPODOC 20

[SS 6] ..li ss 5



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- PN - [US2017239099](#) A1 20170824
- PNFP - US10117786 B2 20181106
- PR - US201515515440
20150924; US201462057153P
20140929; WO2015US51833
20150924
- AP - US201515515440 20150924
- DT - **
- CT - || R141 (A1)
[US5405342](#) A 19950411 [
] (ROESSLER THOMAS H [US], et
al);
[US6793649](#) B1 20040921 [
] (FUJIOKA YOSHIHISA [JP], et al);
[US6623466](#) B1 20030923 [
] (RICHARDSON IRENE [US])
- || STSE (B2)
[US5405342](#) A 19950411 [
] (ROESSLER THOMAS H [US], et
al);
[US6623466](#) B1 20030923 [
] (RICHARDSON IRENE [US]);
[US6793649](#) B1 20040921 [
] (FUJIOKA YOSHIHISA [JP], et al)
- CCI - [A61F13/505](#)
- CQI - [A61F13/15739](#) ; [A61F13/15756](#)
- CCA - [A61F2013/5055](#)
- PA - (A1 B2)
KIMBERLY CLARK CO [US]
- TI - (A1)
FIXED AND
REMOVABLE **ABSORBENT** CORES
FOR **ABSORBENT** ARTICLES
- (B2)

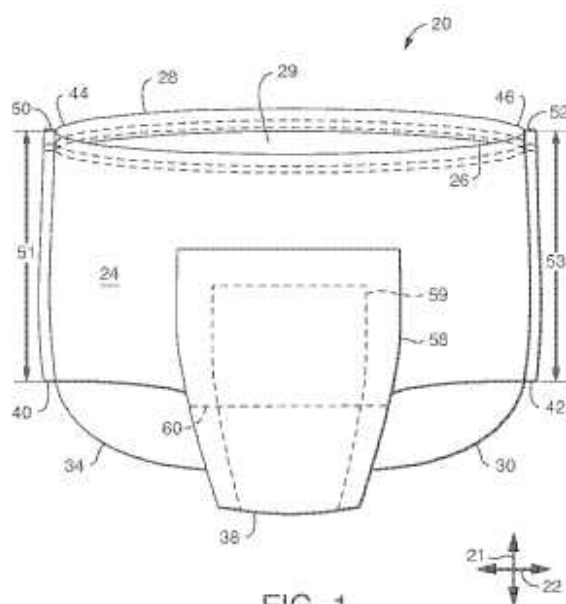


FIG. 1

Fixed and removable **absorbent** cores for **absorbent** articles

AB - (A1 B2)

Manufacturing a multiple use **absorbent article** includes producing an **absorbent article** having a liquid permeable chassis topsheet, a liquid impermeable chassis backsheet, and a chassis **absorbent** core sandwiched between the chassis topsheet and the chassis backsheet. The method also includes producing an **absorbent insert** having an **insert** topsheet, an **insert** backsheet, and an **insert absorbent** core. The method also includes producing a separable **line of weakness** within or adjacent to the peripheral sealing region, and bonding the **insert** backsheet to the chassis topsheet, wherein the **line of weakness** provides for separation of the **absorbent insert** into a removable portion configured to be removed from the chassis **absorbent** unit, and a resident portion that remains bonded to the chassis **absorbent** unit.

PN - [US2017216106](#) A1 20170803

PR - US201515515456
20150924; US201462057144P
20140929; WO2015US51825
20150924

AP - US201515515456 20150924

DT - **

CT - || R141 (A1)
[US8702673](#) B1 20140422 [
] (JONES WANDA F [US]);
[US7938814](#) B2 20110510 [
] (KOYAMA TAKAO [JP], et al);
[US7842020](#) B2 20101130 [
] (HURWITZ MARNI MARKELL
[US]);
[US6840926](#) B2 20050111 [
] (NUKINA MICA [JP], et al);
[US6280427](#) B1 20010828 [
] (MAGGIULLI LORI [US]);
[US6013064](#) A 20000111 [
] (YAMADA IKUKO [JP]);
[US5910137](#) A 19990608 [
] (CLARK TRACEY A [US], et al);
[US4019517](#) A 19770426 [
] (GLASSMAN JACOB A)

CCI - [A61F13/505](#)

CUI - [A61F13/51](#) ; [A61F13/515](#)

CCA - [A61F2013/5055](#)

CUA - [A61F2013/49066](#)

PA - KIMBERLY CLARK CO [US]

TI - FIXED AND
REMOVABLE **ABSORBENT** CORES
FOR **ABSORBENT** ARTICLES

AB - A multiple use **absorbent article**
includes a chassis **absorbent**
unit having a chassis topsheet,
a chassis backsheet, and a
chassis **absorbent** core
sandwiched between the
chassis topsheet and the
chassis backsheet. The **article**
also includes an **absorbent**
insert bonded to the
chassis **absorbent** unit, a
removable portion of
the **absorbent insert** configured

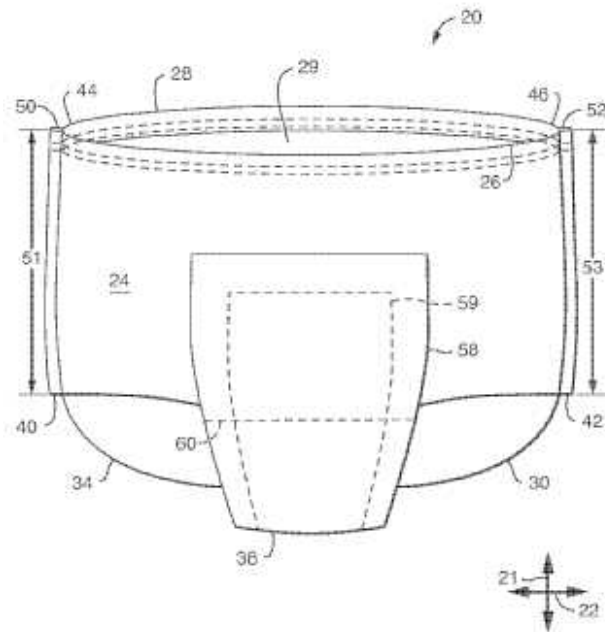


FIG. 1

to be selectively removable from the chassis **absorbent** unit. The **absorbent insert** further includes a **line of weakness** that provides for separation of the **absorbent insert** into a removable portion configured to be removed from the chassis **absorbent** unit, and a resident portion that remains bonded to the chassis **absorbent** unit, wherein the **absorbent insert** includes a removal device configured to assist a user in separating the removable portion of the **absorbent insert** from the chassis **absorbent** unit.

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PN - [US2017216111](#) A1 20170803

PR - US201515515463
20150924; US201462057026P
20140929; WO2015US51819
20150924

AP - US201515515463 20150924

DT - **

CT - || R141 (A1)
[US7938814](#) B2 20110510 [
] (KOYAMA TAKAO [JP], et al);
[US7842020](#) B2 20101130 [
] (HURWITZ MARNI MARKELL
[US]);
[US6840926](#) B2 20050111 [
] (NUKINA MICA [JP], et al);
[US6280427](#) B1 20010828 [
] (MAGGIULLI LORI [US]);
[US5910137](#) A 19990608 [
] (CLARK TRACEY A [US], et al);
[US4019517](#) A 19770426 [
] (GLASSMAN JACOB A)

CCI - [A61F13/49](#) ; [A61F13/496](#) ;
[A61F13/505](#) ; [A61F13/53](#) ;
[A61F13/15](#)

CUI - [A61F13/539](#) ; [A61F13/56](#) ;
[A61F13/5616](#) ; [A61F13/665](#)

CUA - [A61F13/515](#) ;

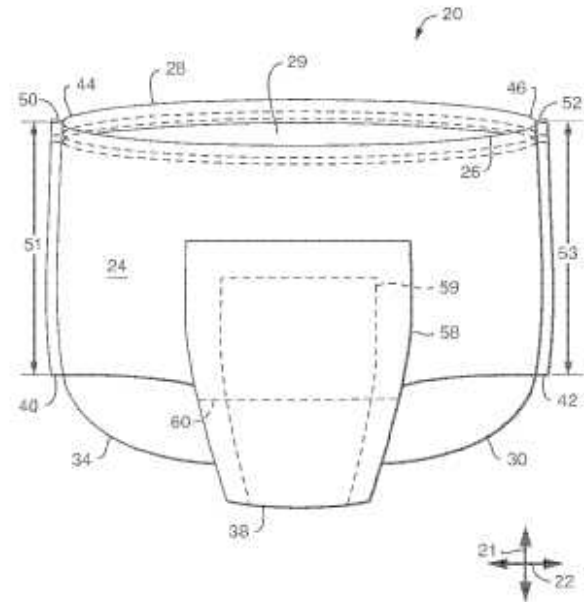


FIG. 1

[A61F2013/49066](#) ;
[A61F2013/49087](#) ;
[A61F2013/49088](#) ;
[A61F2013/53908](#) ;
[A61F2013/53991](#) ;
[A61F2013/16](#)

- PA - KIMBERLY CLARK CO [US]
- TI - FIXED AND
REMOVABLE **ABSORBENT** CORES
FOR **ABSORBENT** ARTICLES
- AB - A multiple use **absorbent article**
includes a chassis **absorbent**
unit having a chassis topsheet,
a chassis backsheet, and a
chassis **absorbent** core
sandwiched between the
chassis topsheet and the
chassis backsheet. The **article**
also includes an **absorbent**
insert bonded to the
chassis **absorbent** unit, a
removable portion of
the **absorbent insert** configured
to be selectively removable
from the chassis **absorbent**
unit, wherein the **absorbent**
insert includes an **insert** top-
sheet, an **insert** backsheet, and
an **insert absorbent** core
sandwiched between the **insert**
topsheet and the **insert**
backsheet. The **absorbent insert**
further includes a **line**
of **weakness** that provides for
separation of the **absorbent**
insert into a removable portion
configured to be removed from
the chassis **absorbent** unit, and
a resident portion that remains
bonded to the
chassis **absorbent** unit.

PN - [MX2017002782](#) A 20170530

PR - US201462057153P
20140929; WO2015US51833
20150924

AP - MX20170002782 20150924

DT - I

CCI - [A61F13/505](#)

CQI - [A61F13/15739](#) ; [A61F13/15756](#)

CCA - [A61F2013/5055](#)

PA - KIMBERLY CLARK CO [US]

TI - FIXED AND
REMOVABLE **ABSORBENT** CORES
FOR **ABSORBENT** ARTICLES.

AB - Manufacturing a multiple
use **absorbent article** includes
producing an **absorbent article**
having a liquid permeable
chassis topsheet, a liquid
impermeable chassis
backsheet, and a
chassis **absorbent** core
sandwiched between the
chassis topsheet and the
chassis backsheet. The method
also includes producing
an **absorbent insert** having
an **insert** topsheet, an **insert**
backsheet, and an **insert**
absorbent core. The method
also includes producing a
separable **line of weakness**
within or adjacent to the
peripheral sealing region, and
bonding the **insert** backsheet to
the chassis topsheet, wherein
the **line of weakness** provides
for separation of the **absorbent**
insert into a removable portion
configured to be removed from
the chassis **absorbent** unit, and
a resident portion that remains
bonded to the
chassis **absorbent** unit.

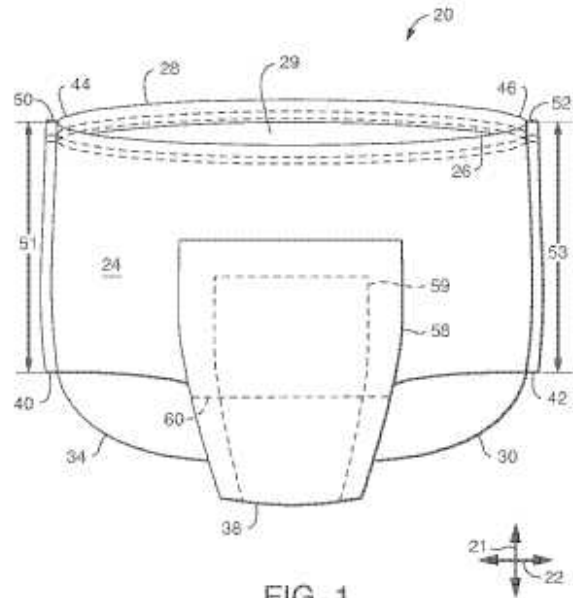


FIG. 1

PN - [MX2017002446](#) A 20170523

PR - US201462057026P
20140929; WO2015US51819
20150924

AP - MX20170002446 20150924

DT - I

CCI - [A61F13/49](#) ; [A61F13/496](#) ;
[A61F13/505](#) ; [A61F13/53](#) ;
[A61F13/15](#)

CUI - [A61F13/539](#) ; [A61F13/56](#) ;
[A61F13/5616](#) ; [A61F13/665](#)

CUA - [A61F13/515](#) ;
[A61F2013/49066](#) ;
[A61F2013/49087](#) ;
[A61F2013/49088](#) ;
[A61F2013/53908](#) ;
[A61F2013/53991](#) ;
[A61F2013/16](#)

PA - KIMBERLY CLARK CO [US]

TI - FIXED AND
REMOVABLE **ABSORBENT** CORES
FOR **ABSORBENT** ARTICLES.

AB - A multiple use **absorbent article**
includes a chassis **absorbent**
unit having a chassis topsheet,
a chassis backsheet, and a
chassis **absorbent** core
sandwiched between the
chassis topsheet and the
chassis backsheet. The **article**
also includes an **absorbent**
insert bonded to the
chassis **absorbent** unit, a
removable portion of
the **absorbent insert** configured
to be selectively removable
from the chassis **absorbent**
unit, wherein the **absorbent**
insert includes an **insert**
topsheet, an **insert** backsheet,
and an **insert absorbent** core
sandwiched between the **insert**
topsheet and the **insert**
backsheet. The **absorbent insert**
further includes a **line**
of **weakness** that provides for

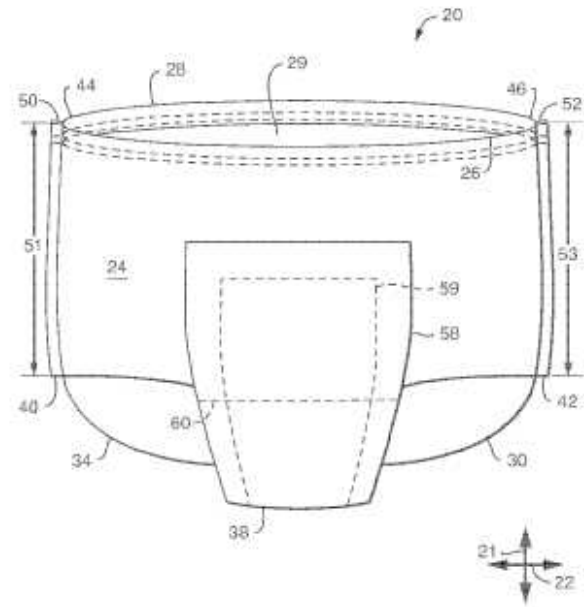


FIG. 1

separation of the **absorbent insert** into a removable portion configured to be removed from the chassis **absorbent** unit, and a resident portion that remains bonded to the chassis **absorbent** unit.

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PN - [MX2017002448](#) A 20170523

PR - US201462057144P
20140929; WO2015US51825
20150924

AP - MX20170002448 20150924

DT - I

CCI - [A61F13/505](#)

CUI - [A61F13/51](#) ; [A61F13/515](#)

CCA - [A61F2013/5055](#)

CUA - [A61F2013/49066](#)

PA - KIMBERLY CLARK CO [US]

TI - FIXED AND
REMOVABLE **ABSORBENT** CORES
FOR **ABSORBENT** ARTICLES.

AB - A multiple use **absorbent article** includes a chassis **absorbent** unit having a chassis topsheet, a chassis backsheet, and a chassis **absorbent** core sandwiched between the chassis topsheet and the chassis backsheet. The **article** also includes an **absorbent insert** bonded to the chassis **absorbent** unit, a removable portion of the **absorbent insert** configured to be selectively removable from the chassis **absorbent** unit. The **absorbent insert** further includes a **line of weakness** that provides for separation of the **absorbent insert** into a removable portion configured to be removed from the chassis **absorbent** unit, and a resident portion that remains

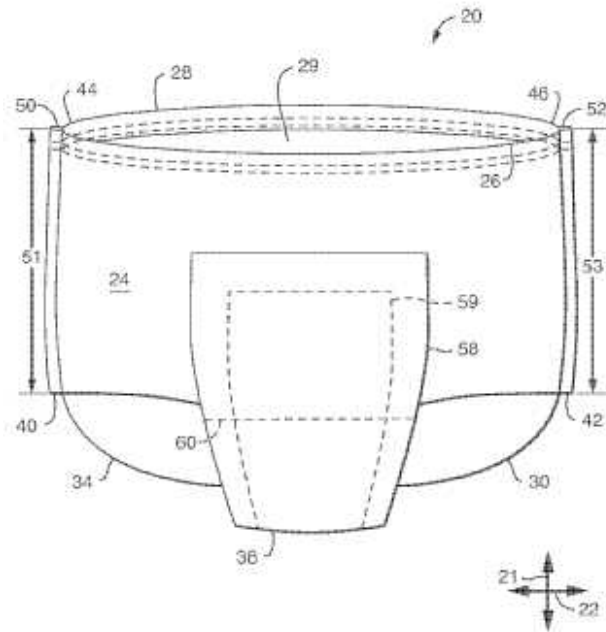


FIG. 1

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PN - [CN106659614](#) A 20170510

PNFP - CN106659614 A8 20170711
- CN106659614B B 20181019

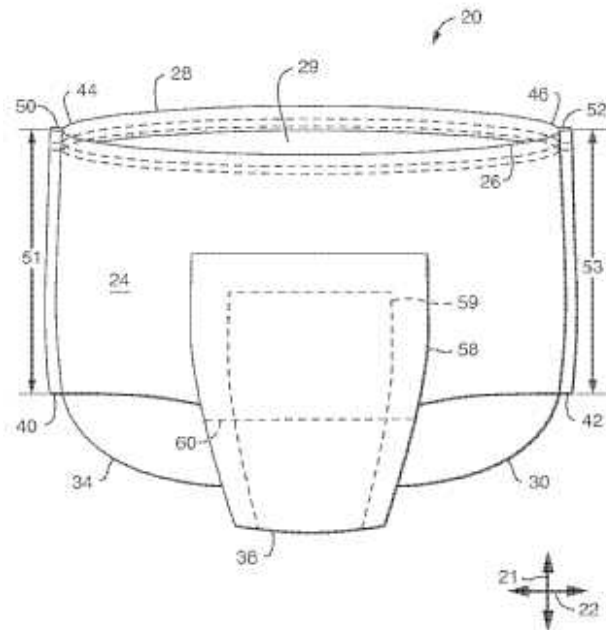
PR - WO2015US51825
20150924; US201462057144P
20140929

AP - CN20158047267 20150924

DT - I

CT - || STSE (A)
[US5458591](#) A 19951017
[A] (ROESSLER THOMAS H [US],
et al)
[A] 1-20
* 全文 *;
[CN1205624](#) A 19990120
[A] (MCNEIL PPC INC [US])
[A] 1-20
* 全文 *;
[CN1229631](#) A 19990929
[A] (UNI CHARM CORP [JP])
[A] 1-20
* 全文 *;
[US2003088224](#) A1 20030508
[A] (CEMAN GLORY F [US], et al)
[A] 1-20
* 全文 *;
[WO2006108029](#) A1 20061012
[A] (PROCTER & GAMBLE [US], et
al)
[A] 1-20
* 全文 *;
[US2009112174](#) A1 20090430
[A] (DREVIK SOLGUN [SE], et al)
[A] 1-20
* 全文 *
- [A61F13/505](#)

CCI



CUI - [A61F13/51](#) ; [A61F13/515](#)

CNOI - (A)
[A61F13/505](#)

CCA - [A61F2013/5055](#)

CUA - [A61F2013/49066](#)

CNOA - (A)
[A61F2013/5055](#)

PA - (A)
KIMBERLY CLARK CO

TI - (A)
Fixed and removable **absorbent** cores for **absorbent** articles

AB - (A)
A multiple use **absorbent article** includes a chassis **absorbent** unit having a chassis topsheet, a chassis backsheet, and a chassis **absorbent** core sandwiched between the chassis topsheet and the chassis backsheet. The **article** also includes an **absorbent insert** bonded to the chassis **absorbent** unit, a removable portion of the **absorbent insert** configured to be selectively removable from the chassis **absorbent** unit. The **absorbent insert** further includes a **line** of **weakness** that provides for separation of the **absorbent insert** into a removable portion configured to be removed from the chassis **absorbent** unit, and a resident portion that remains bonded to the chassis **absorbent** unit, wherein the **absorbent insert** includes a removal device configured to assist a user in separating the removable portion of the **absorbent insert** from the chassis **absorbent** unit.

PN - [CN106794094](#) A 20170531

PR - US201462057153P
20140929; WO2015US51833
20150924

AP - CN20158047150 20150924

DT - I

CT - || STSE (A)
[US5258591](#) A 19931102
[A] (BUCK DANIEL C [US])
[A] 1-20
* 全文 *;
[CN1229631](#) A 19990929
[A] (UNI CHARM CORP [JP])
[A] 1-20
* 全文 *;
[US2003088224](#) A1 20030508
[A] (CEMAN GLORY F [US], et al)
[A] 1-20
* 全文 *;
[CN101155566](#) A 20080402
[A] (PROCTER & GAMBLE [US])
[A] 1-20
* 全文 *;
[CN101437481](#) A 20090520
[A] (SCA HYGIENE PROD AB [SE])
[A] 1-20
* 全文 *;
[WO9817220](#) A1 19980430
[A] (PROCTER & GAMBLE [US])
[A] 1-20
* 全文 *;
[US2008119812](#) A1 20080522
[A] (HURWITZ MARNI MARKELL
[US])
[A] 1-20
* 全文 *;
[WO2015094029](#) A1 20150625
[A] (SCA HYGIENE PROD AB [SE])
[A] 1-20
* 全文 *

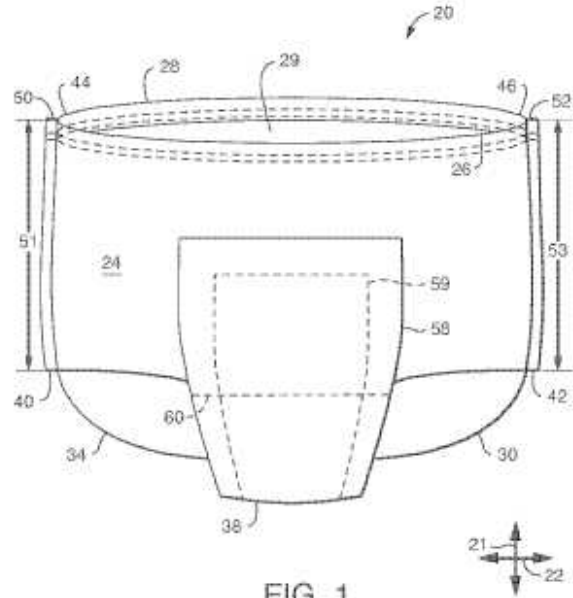
CCI - [A61F13/505](#)

CQI - [A61F13/15739](#) ; [A61F13/15756](#)

CCA - [A61F2013/5055](#)

PA - KIMBERLY CLARK CO

TI - Fixed and removable **absorbent**
cores for **absorbent** articles



AB

- Manufacturing a multiple use **absorbent article** includes producing an **absorbent article** having a liquid permeable chassis topsheet, a liquid impermeable chassis backsheet, and a chassis **absorbent** core sandwiched between the chassis topsheet and the chassis backsheet. The method also includes producing an **absorbent insert** having an **insert** topsheet, an **insert** backsheet, and an **insert absorbent** core. The method also includes producing a separable **line of weakness** within or adjacent to the peripheral sealing region, and bonding the **insert** backsheet to the chassis topsheet, wherein the **line of weakness** provides for separation of the **absorbent insert** into a removable portion configured to be removed from the chassis **absorbent** unit, and a resident portion that remains bonded to the chassis **absorbent** unit.

AB

- (A)

A multiple use **absorbent article** includes a chassis **absorbent** unit having a chassis topsheet, a chassis backsheet, and a chassis **absorbent** core sandwiched between the chassis topsheet and the chassis backsheet. The **article** also includes an **absorbent insert** bonded to the chassis **absorbent** unit, a removable portion of the **absorbent insert** configured to be selectively removable from the chassis **absorbent** unit, wherein the **absorbent insert** includes an **insert** topsheet, an **insert** backsheet, and an **insert absorbent** core sandwiched between the **insert** topsheet and the **insert** backsheet. The **absorbent insert** further includes a **line** of **weakness** that provides for separation of the **absorbent insert** into a removable portion configured to be removed from the chassis **absorbent** unit, and a resident portion that remains bonded to the chassis **absorbent** unit.

insert into a removable portion configured to be removed from the chassis **absorbent** unit, and a resident portion that remains bonded to the chassis **absorbent** unit.

- 11/20 © EPODOC / EPO
- PN - [WO2016053728](#) A1 20160407
- PR - US201462057153P 20140929
- AP - WO2015US51833 20150924
- DT - *; Rep
- CT - |KR| ISR (A1)
[WO2006108029](#) A1 20061012
 [A] (PROCTER & GAMBLE [US], et al)
 [A] 1-20
 * See abstract : claim 1; figures 1-12. *;
[US5458591](#) A 19951017
 [A] (ROESSLER THOMAS H [US], et al)
 [A] 1-20
 * See entire document. *;
[US2003088224](#) A1 20030508
 [A] (CEMAN GLORY F [US], et al)
 [A] 1-20
 * See entire document. *;
[US2009112174](#) A1 20090430
 [A] (DREVIK SOLGUN [SE], et al)
 [A] 1-20
 * See entire document. *;
[US6793649](#) B1 20040921
 [A] (FUJIOKA YOSHIHISA [JP], et al)
 [A] 1-20
 * See entire document. *
- CCI - [A61F13/505](#)
- CQI - [A61F13/15739](#) ; [A61F13/15756](#)
- CCA - [A61F2013/5055](#)
- PA - KIMBERLY CLARK CO [US]
- TI - FIXED AND
 REMOVABLE **ABSORBENT** CORES
 FOR **ABSORBENT** ARTICLES
- AB - Manufacturing a multiple
 use **absorbent article** includes

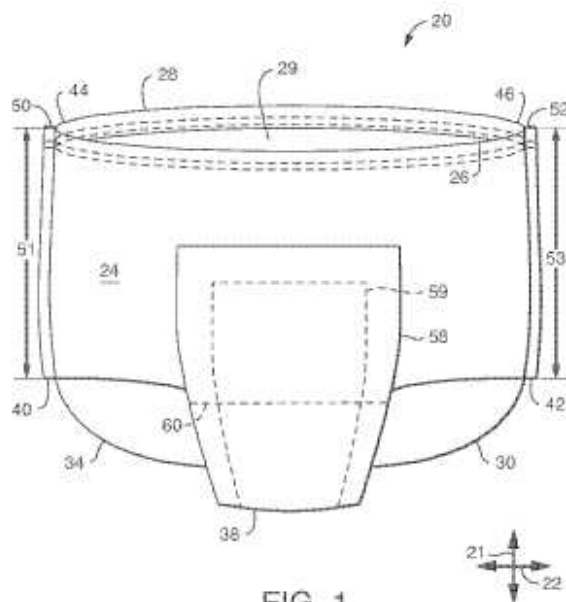


FIG. 1

producing an **absorbent article** having a liquid permeable chassis topsheet, a liquid impermeable chassis backsheet, and a chassis **absorbent** core sandwiched between the chassis topsheet and the chassis backsheet. The method also includes producing an **absorbent insert** having an **insert** topsheet, an **insert** backsheet, and an **insert absorbent** core. The method also includes producing a separable **line of weakness** within or adjacent to the peripheral sealing region, and bonding the **insert** backsheet to the chassis topsheet, wherein the **line of weakness** provides for separation of the **absorbent insert** into a removable portion configured to be removed from the chassis **absorbent** unit, and a resident portion that remains bonded to the chassis **absorbent** unit.

PN - [WO2016053725](#) A1 20160407
 PR - US201462057144P 20140929
 AP - WO2015US51825 20150924
 DT - *; Rep
 CT - |KR| ISR (A1)
 [WO2006108029](#) A1 20061012
 [A] (PROCTER & GAMBLE [US], et al)
 [A] 1-20
 * See abstract; claim 1; figures 1-12. *;
 [US5458591](#) A 19951017
 [A] (ROESSLER THOMAS H [US], et al)
 [A] 1-20
 * See entire document. *;
 [US2003088224](#) A1 20030508
 [A] (CEMAN GLORY F [US], et al)
 [A] 1-20
 * See entire document. *;
 [US2009112174](#) A1 20090430
 [A] (DREVIK SOLGUN [SE], et al)
 [A] 1-20
 * See entire document. *;
 [US6793649](#) B1 20040921
 [A] (FUJIOKA YOSHIHISA [JP], et al)
 [A] 1-20
 * See entire document. *

CCI - [A61F13/505](#)
 CUI - [A61F13/51](#) ; [A61F13/515](#)
 CCA - [A61F2013/5055](#)
 CUA - [A61F2013/49066](#)
 PA - KIMBERLY CLARK CO [US]
 TI - FIXED AND
 REMOVABLE **ABSORBENT** CORES
 FOR **ABSORBENT** ARTICLES
 AB - A multiple use **absorbent article**
 includes a chassis **absorbent**
 unit having a chassis topsheet,
 a chassis backsheet, and a
 chassis **absorbent** core
 sandwiched between the
 chassis topsheet and the
 chassis backsheet. The **article**
 also includes an **absorbent**

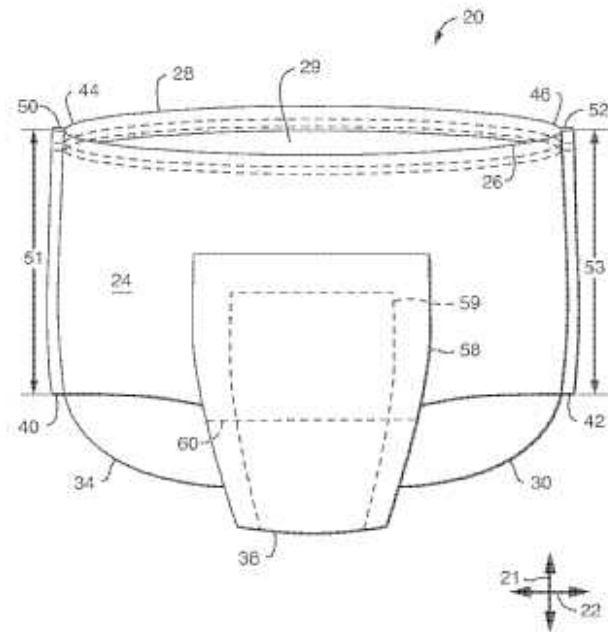


FIG. 1

insert bonded to the chassis **absorbent** unit, a removable portion of the **absorbent insert** configured to be selectively removable from the chassis **absorbent** unit. The **absorbent insert** further includes a **line of weakness** that provides for separation of the **absorbent insert** into a removable portion configured to be removed from the chassis **absorbent** unit, and a resident portion that remains bonded to the chassis **absorbent** unit, wherein the **absorbent insert** includes a removal device configured to assist a user in separating the removable portion of the **absorbent insert** from the chassis **absorbent** unit.

- 13/20 © EPODOC / EPO
- PN - [WO2016053724](#) A1 20160407
- PR - US201462057026P 20140929
- AP - WO2015US51819 20150924
- DT - *; Rep
- CT - |KR| ISR (A1)
[US5820616](#) A 19981013
 [A] (HORNEY JAMES C [US])
 [A] 1-20
 * See. abstract; figures 1-4;
 claims 1-9 *;
[US5460624](#) A 19951024
 [A] (AHR NICK A [US], et al)
 [A] 1-20
 * See abstract; figures 1-4;
 claims 1-10. *;
[US4938756](#) A 19900703
 [A] (SALEK JOANN E [US])
 [A] 1-20
 * See abstract; figures 1-5;
 claims 1-6. *;
[US2005049569](#) A1 20050303
 [A] (TRACY RHONDA [US])
 [A] 1-20

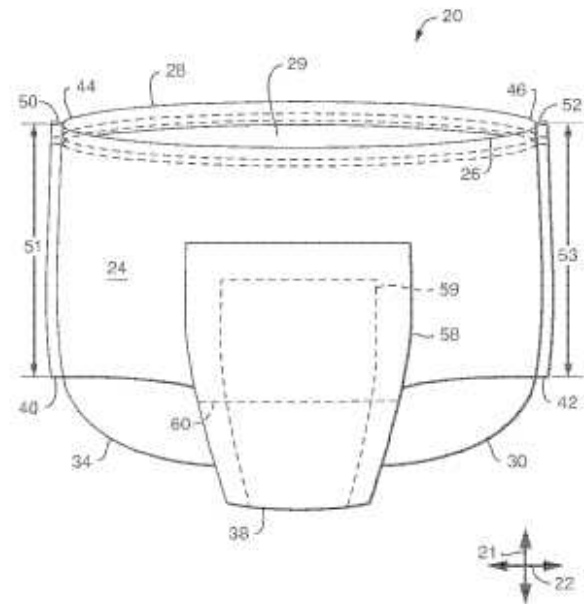


FIG. 1

* See abstract; figures 1-8;
claims 1-19. *;
[US2013338620](#) A1 20131219
[A] (SPEAK JANE [US])
[A] 1-20

* See abstract; figures 1-6;
claims 1-14. *

- CCI - [A61F13/49](#) ; [A61F13/496](#) ;
[A61F13/505](#) ; [A61F13/53](#) ;
[A61F13/15](#)
- CUI - [A61F13/539](#) ; [A61F13/56](#) ;
[A61F13/5616](#) ; [A61F13/665](#)
- CUA - [A61F13/515](#) ;
[A61F2013/49066](#) ;
[A61F2013/49087](#) ;
[A61F2013/49088](#) ;
[A61F2013/53908](#) ;
[A61F2013/53991](#) ;
[A61F2013/16](#)
- PA - KIMBERLY CLARK CO [US]
- TI - FIXED AND
REMOVABLE **ABSORBENT** CORES
FOR **ABSORBENT** ARTICLES
- AB - A multiple use **absorbent article**
includes a chassis **absorbent**
unit having a chassis topsheet,
a chassis backsheet, and a
chassis **absorbent** core
sandwiched between the
chassis topsheet and the
chassis backsheet. The **article**
also includes an **absorbent**
insert bonded to the
chassis **absorbent** unit, a
removable portion of
the **absorbent insert** configured
to be selectively removable
from the chassis **absorbent**
unit, wherein the **absorbent**
insert includes an **insert**
topsheet, an **insert** backsheet,
and an **insert absorbent** core
sandwiched between the **insert**
topsheet and the **insert**
backsheet. The **absorbent insert**
further includes a **line**
of **weakness** that provides for

separation of the **absorbent insert** into a removable portion configured to be removed from the chassis **absorbent** unit, and a resident portion that remains bonded to the chassis **absorbent** unit.

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PN - [US2014200541](#) A1 20140717

PR - US201414213588
20140314; GB20050009979
20050517; US20080920481
20080527; WO2006GB01802
20060517

AP - US201414213588 20140314

DT - **

CT - || R141 (A1)
[US9265668](#) B2 [];
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[US6059763](#) A [];
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CCI - [A61F13/47209](#) ;
[A61F13/47227](#) ; [A61F13/2051](#)

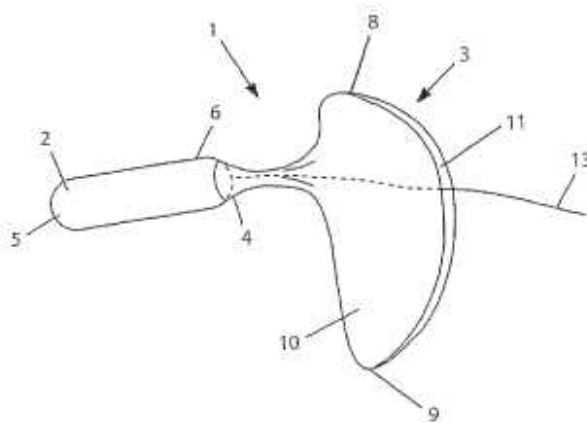
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[A61F13/34](#) ; [A61F13/2091](#)

CCA - [A61F2013/4729](#)

PA - CALLA LILY PERSONAL CARE LTD
[GB]

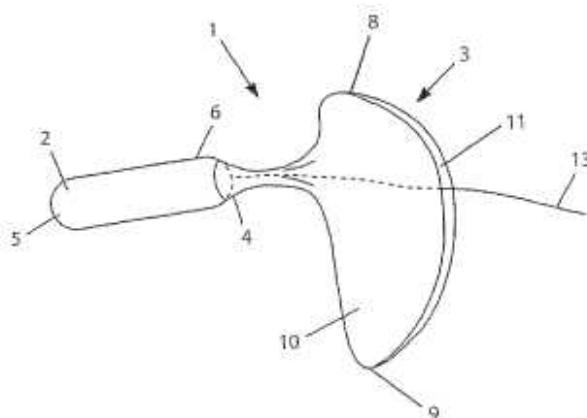
TI - SANITARY **PRODUCT**

AB - This invention relates to a sanitary **product** for use by women for the absorption of menstrual fluid and such like. The **product** comprises a plug and a pad joined by a sheath. The plug is substantially cylindrical so that it fits comfortably in a vaginal cavity. The pad remains outside the



vaginal cavity, but has an **absorbent** layer on an inward side proximal to the plug and a liquid impermeable layer on an outward side. In use, a wearer can **insert** a finger into the sheath from the outward side of the pad assist with insertion of the plug into the vaginal cavity. A string is provided that extends inside the sheath from the outward end of the plug to aid removal of the **product**. A **line of weakness** extends along the major axis of the pad, about which the pad is disposed to fold in use. This encourages the pad to fold around the plug to accommodate the plug during removal of the **product**, thus improving hygiene.

- 15/20** © EPODOC / EPO
- PN - [US2009131852](#) A1 20090521
- PNFP - US8672872 B2 20140318
- PR - GB20050009979
20050517; WO2006GB01802
20060517
- AP - US20060920481 20060517
- DT - **
- CT - || STSE (B2)
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] (STRONGSON HERMAN L)
[US2733714](#) A 19560207 [
] (STANLEY PENKSA)
[US3037506](#) A 19620605 [
] (CROCKFORD JOSEPH R)
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[US3674029](#) A 19720704 [
] (HIRSCHMAN SHALOM Z)
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] (DENKINGER MARIAN C)
[US3905372](#) A 19750916 [
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[US5113873](#) A 19920519 [
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[US5180059](#) A 19930119 [
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] (OHBA CHIE [JP])
[US2004147893](#) A1 20040729 [
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] (MIZUTANI SATOSHI [JP], et al)
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] (NAKANO TADAO [JP])
[FR2590161](#) A1 19870522 [
] (PIERRE MICHEL)
[FR2653328](#) A1 19910426 [
] (RAYMOND PIGNEUL)
[JP2000237234](#) A 20000905 [
] (SAITO AIKO)
[WO9422405](#) A1 19941013 [
] (LEFEBVRE DU GROSRIEZ
 CAROL [FR])

- || R141 (A1)

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[US5827256](#) A [];
[US5690625](#) A [];
[US2004225272](#) A1 [];
[US4627848](#) A [];
[US2138626](#) A [];
[US2670736](#) A [];
[US5361779](#) A []

- CTNP - || STSE (B2)
[] English translation of WO
94/22405, Aug. 2008
- CCI - [A61F13/47209](#) ;
[A61F13/47227](#) ; [A61F13/2051](#)
- CUI - [A61F13/204](#) ; [A61F13/202](#) ;
[A61F13/34](#) ; [A61F13/2091](#)
- CCA - [A61F2013/4729](#)
- PA - (B2)
HOOI ALEX YU SING [GB]; CALLA
LILY PERSONAL CARE LTD [GB]
- TI - (A1 B2)
Sanitary **Product**
- AB - (A1)
This invention relates to a
sanitary **product** for use by
women for the absorption of
menstrual fluid and such like.
The **product** comprises a plug
and a pad joined by a sheath.
The plug is substantially
cylindrical so that it fits
comfortably in a vaginal cavity.

The pad remains outside the vaginal cavity, but has an **absorbent** layer on an inward side proximal to the plug and a liquid impermeable layer on an outward side. In use, a wearer can **insert** a finger into the sheath from the outward side of the pad assist with insertion of the plug into the vaginal cavity. A string is provided that extends inside the sheath from the outward end of the plug to aid removal of the **product**. A **line of weakness** extends along the major axis of the pad, about which the pad is disposed to fold in use. This encourages the pad to fold around the plug to accommodate the plug during removal of the **product**, thus improving hygiene.

- (B2)

A sanitary **product** for use by women for the absorption of menstrual fluid, having a plug and a pad joined by a sheath. The plug is substantially cylindrical so that it fits comfortably in a vaginal cavity. The pad remains outside the vaginal cavity, but has an **absorbent** layer on an inward side proximal to the plug and a liquid impermeable layer on an outward side. In use, a wearer can **insert** a finger into the sheath from the outward side of the pad to assist with insertion of the plug into the vaginal cavity. A string is provided that extends inside the sheath from the outward end of the plug to aid removal of the **product**. A **line of weakness** extends along the major axis of the pad, about

which the pad is disposed to fold in use.

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PN - [MX2007014340](#) A 20080212

PR - GB20050009979
20050517; WO2006GB01802
20060517

AP - MX20070014340 20060517

DT - I

CCI - [A61F13/47209](#) ;
[A61F13/47227](#) ; [A61F13/2051](#)

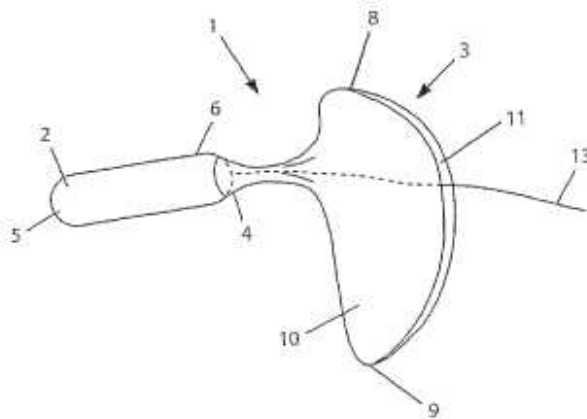
CUI - [A61F13/204](#) ; [A61F13/202](#) ;
[A61F13/34](#) ; [A61F13/2091](#)

CCA - [A61F2013/4729](#)

PA - MCGUINNESS KEIR [GB]

TI - SANITARY **PRODUCT**.

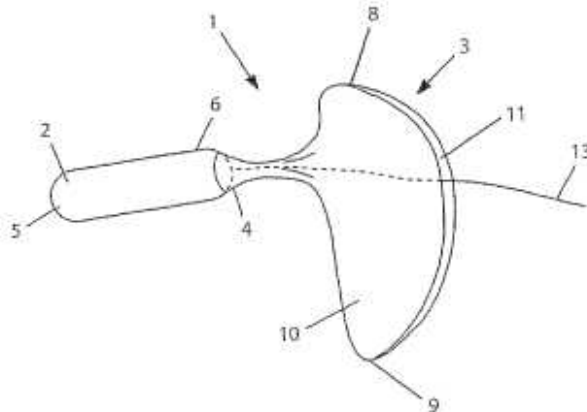
AB - This invention relates to a sanitary **product** (1) for use by women for the absorption of menstrual fluid and such like. The **product** (1) comprises a plug (2) and a pad (3) joined by a sheath (4). The plug (2) is substantially cylindrical so that it fits comfortably in a vaginal cavity. The pad (3) remains outside the vaginal cavity, but has an **absorbent** layer on an inward side (10) proximal to the plug (2) and a liquid impermeable layer on an outward side (11). In use, a wearer can **insert** a finger into the sheath (4) from the outward side (11) of the pad (3) assist with insertion of the plug (2) into the vaginal cavity. A string (12) is provided that extends inside the sheath (4) from the outward end of the plug (2) to aid removal of the **product** (1). A **line of weakness** (7) extends along the major axis of the pad (3), about which the pad (3) is disposed to fold in use. This



encourages the pad (3) to fold around the plug (2) to accommodate the plug (2) during removal of the **product** (1) , thus improving hygiene.

17/20 © EPODOC / EPO

- PN - [WO2006123132](#) A1 20061123
- PR - GB20050009979 20050517
- AP - WO2006GB01802 20060517
- DT - *; Rep
- CT - |EP| ISR (A1)
[WO02058611](#) A1 20020801
 [XA] (PROCTER & GAMBLE [US], et al)
 [X] 1-7,22-27
 * page 17, lines 19-24; figure -;
 claim - *
 [A] 28-30;
[US3905372](#) A 19750916
 [A] (DENKINGER MARIAN C)
 [A] 1
 * column W *;
[US5389181](#) A 19950214
 [A] (VUKOS JOHN P [US], et al)
 [A] 1
 * figure -; claim - *;
[EP0104039](#) A1 19840328
 [A] (SMITH & NEPHEW ASS [GB])
 [A] 1-27
 * page 17, lines -18 *
 * page 19, lines 1-14 *
 * page 20, line 12 - page 21, line 4 *
 * page 28, line 21 - page 29, line 23; figures 3-3b; claim - *;
[JP2003010243](#) A 00000000 [DA]
- CTNP - |EP| ISR (A1)
 [DA] - PATENT ABSTRACTS OF JAPAN, (20030512), vol. 2003, no. 05,
 [DA] 1-27
 * abstract *
- CCI - [A61F13/47209](#) ;
[A61F13/47227](#) ; [A61F13/2051](#)
- CUI - [A61F13/204](#) ; [A61F13/202](#) ;
[A61F13/34](#) ; [A61F13/2091](#)



CCA - [A61F2013/4729](#)

PA - MCGUINNESS KEIR [GB]; HOOI
ALEX YU SING [GB]

TI - SANITARY **PRODUCT**

AB - This invention relates to a sanitary **product** (1) for use by women for the absorption of menstrual fluid and such like. The **product** (1) comprises a plug (2) and a pad (3) joined by a sheath (4). The plug (2) is substantially cylindrical so that it fits comfortably in a vaginal cavity. The pad (3) remains outside the vaginal cavity, but has an **absorbent** layer on an inward side (10) proximal to the plug (2) and a liquid impermeable layer on an outward side (11). In use, a wearer can **insert** a finger into the sheath (4) from the outward side (11) of the pad (3) assist with insertion of the plug (2) into the vaginal cavity. A string (12) is provided that extends inside the sheath (4) from the outward end of the plug (2) to aid removal of the **product** (1). A **line of weakness** (7) extends along the major axis of the pad (3), about which the pad (3) is disposed to fold in use. This encourages the pad (3) to fold around the plug (2) to accommodate the plug (2) during removal of the **product** (1), thus improving hygiene.

PN - [CN101193616](#) A 20080604

PNFP - CN101193616B B 20110323

PR - WO2006GB01802
20060517; GB20050009979
20050517

AP - CN2006816979 20060517

DT - I

CCI - - [A61F13/47209](#) ;
[A61F13/47227](#) ; [A61F13/2051](#)

CUI - - [A61F13/204](#) ; [A61F13/202](#) ;
[A61F13/34](#) ; [A61F13/2091](#)

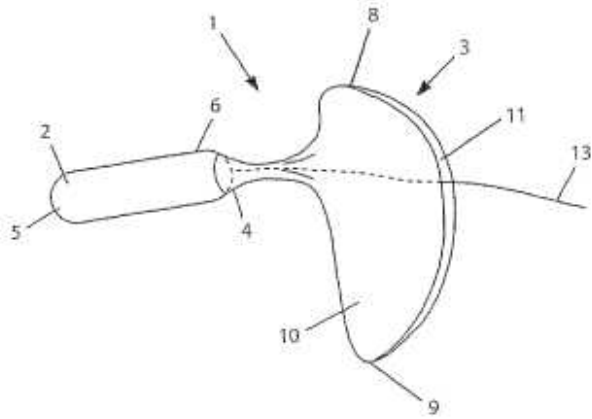
CCA - - [A61F2013/4729](#)

PA - - (A)
MCGUINNESS KEIR [GB]
- (B)
MCGUINNESS KEIR

TI - - (A B)
Sanitary **product**

AB - - (B)

This invention relates to a sanitary **product** (1) for use by women for the absorption of menstrual fluid and such like. The **product** (1) comprises a plug (2) and a pad (3) joined by a sheath (4). The plug (2) is substantially cylindrical so that it fits comfortably in a vaginal cavity. The pad (3) remains outside the vaginal cavity, but has an **absorbent** layer on an inward side (10) proximal to the plug (2) and a liquid impermeable layer on an outward side (11). In use, a wearer can **insert** a finger into the sheath (4) from the outward side (11) of the pad (3) assist with insertion of the plug (2) into the vaginal cavity. A string (12) is provided that extends inside the sheath (4) from the outward end of the plug (2) to aid removal of the **product** (1). A **line of weakness** (7) extends along the major axis of the pad

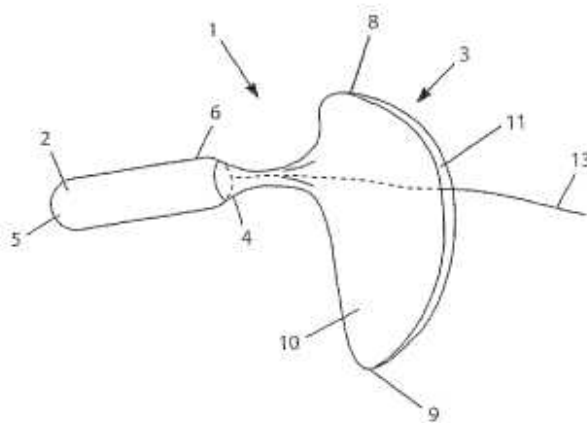


(3), about which the pad (3) is disposed to fold in use. This encourages the pad (3) to fold around the plug (2) to accommodate the plug (2) during removal of the **product** (1), thus improving hygiene.

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- PN - [CA2608554](#) A1 20061123
- PNFP - CA2608554 C 20110503
- PR - GB20050009979
20050517; WO2006GB01802
20060517
- AP - CA20062608554 20060517
- DT - I
- CCI - [A61F13/47209](#) ;
[A61F13/47227](#) ; [A61F13/2051](#)
- CUI - [A61F13/204](#) ; [A61F13/202](#) ;
[A61F13/34](#) ; [A61F13/2091](#)
- CCA - [A61F2013/4729](#)
- PA - (A1 C)
MCGUINNESS KEIR [GB]
- TI - (A1 C)
SANITARY **PRODUCT**
- AB - (A1)

This invention relates to a sanitary **product** (1) for use by women for the absorption of menstrual fluid and such like. The **product** (1) comprises a plug (2) and a pad (3) joined by a sheath (4). The plug (2) is substantially cylindrical so that it fits comfortably in a vaginal cavity. The pad (3) remains outside the vaginal cavity, but has an **absorbent** layer on an inward side (10) proximal to the plug (2) and a liquid impermeable layer on an outward side (11). In use, a wearer can **insert** a finger into the sheath (4) from the outward side (11) of the pad (3) assist with insertion of the plug (2)



into the vaginal cavity. A string (12) is provided that extends inside the sheath (4) from the outward end of the plug (2) to aid removal of the product (1). A **line of weakness** (7) extends along the major axis of the pad (3), about which the pad (3) is disposed to fold in use. This encourages the pad (3) to fold around the plug (2) to accommodate the plug (2) during removal of the **product** (1), thus improving hygiene.

- (C)

This invention relates to a sanitary **product** (1) for use by women for the absorption of menstrual fluid and such like. The **product** (1) comprises a plug (2) and a pad (3) joined by a sheath (4). The plug (2) is substantially cylindrical so that it fits comfortably in a vaginal cavity. The pad (3) remains outside the vaginal cavity, but has an **absorbent** layer on an inward side (10) proximal to the plug (2) and a liquid impermeable layer on an outward side (11). In use, a wearer can **insert** a finger into the sheath (4) from the outward side (11) of the pad (3) to assist with insertion of the plug (2) into the vaginal cavity. A string (12) is provided that extends inside the sheath (4) from the outward end of the plug (2) to aid removal of the **product** (1). A **line of weakness** (7) extends along the major axis of the pad (3), about which the pad (3) is disposed to fold in use. This encourages the pad (3) to fold around the plug (2) to accommodate the plug (2) during removal of the **product**

(1), thus improving hygiene.

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PN - [AU2006248799](#) A1 20061123

PNFP - AU2006248799B B2 20120524

PR - GB20050009979
20050517; WO2006GB01802
20060517

AP - AU20060248799 20060517

DT - I

CT - (B2)
[JP2003010243](#) A []

CCI - [A61F13/47209](#) ;
[A61F13/47227](#) ; [A61F13/2051](#)

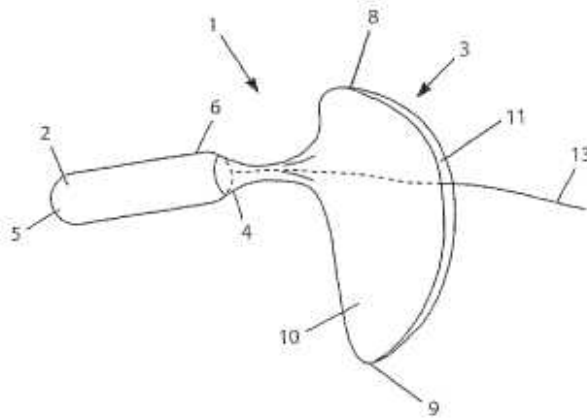
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[A61F13/34](#) ; [A61F13/2091](#)

CCA - [A61F2013/4729](#)

PA - (A1)
KEIR MCGUINNESS
- (B2)
MCGUINNESS KEIR

TI - (A1 B2)
Sanitary **product**

AB - (B2)
This invention relates to a sanitary **product** (1) for use by women for the absorption of menstrual fluid and such like. The **product** (1) comprises a plug (2) and a pad (3) joined by a sheath (4). The plug (2) is substantially cylindrical so that it fits comfortably in a vaginal cavity. The pad (3) remains outside the vaginal cavity, but has an **absorbent** layer on an inward side (10) proximal to the plug (2) and a liquid impermeable layer on an outward side (11). In use, a wearer can **insert** a finger into the sheath (4) from the outward side (11) of the pad (3) assist with insertion of the plug (2) into the vaginal cavity. A string



(12) is provided that extends inside the sheath (4) from the outward end of the plug (2) to aid removal of the **product** (1). A **line of weakness** (7) extends along the major axis of the pad (3), about which the pad (3) is disposed to fold in use. This encourages the pad (3) to fold around the plug (2) to accommodate the plug (2) during removal of the **product** (1), thus improving hygiene.

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- Check with the commands ..FIELD / ..FOR / ..TH, respectively. ERROR(-23857)

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1/7 © EPODOC / EPO

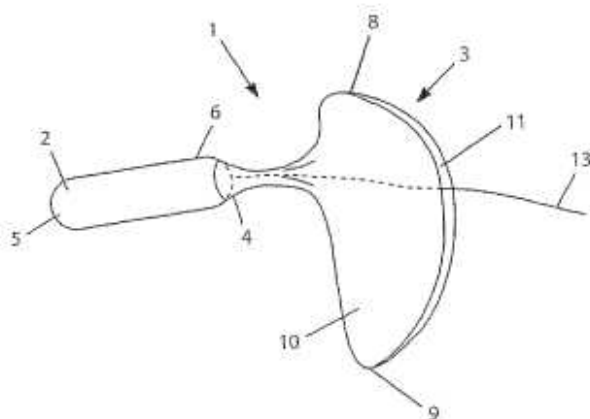
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AP - US201414213588 20140314

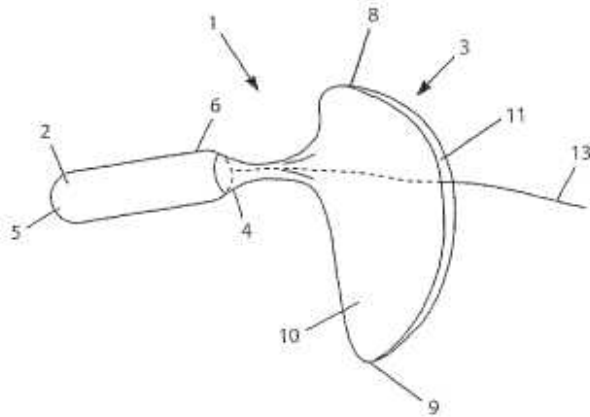
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[US5383868](#) A [];
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CUI	- A61F13/204 ; A61F13/202 ; A61F13/34 ; A61F13/2091
CCA	- A61F2013/4729
PA	- CALLA LILY PERSONAL CARE LTD [GB]
TI	- SANITARY PRODUCT
AB	- This invention relates to a sanitary product for use by women for the absorption of menstrual fluid and such like. The product comprises a plug and a pad joined by a sheath. The plug is substantially cylindrical so that it fits comfortably in a vaginal cavity. The pad remains outside the vaginal cavity, but has an absorbent layer on an inward side proximal to the plug and a liquid impermeable layer on an outward side. In use, a wearer can insert a finger into the sheath from the outward side of the pad assist with insertion of the plug into the vaginal cavity. A string is provided that extends inside the sheath from the outward end of the plug to aid removal of the product . A line of weakness extends along the major axis of the pad, about which the pad is disposed to fold in use. This encourages the pad to fold around the plug to accommodate the plug during removal of the product , thus improving hygiene.

PN - [US2009131852](#) A1 20090521
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] (PIERRE MICHEL)



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[WO9422405](#) A1 19941013 [
] (LEFEBVRE DU GROSRIEZ
CAROL [FR])

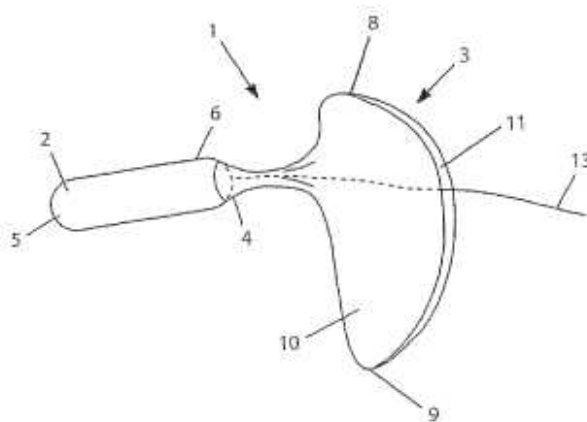
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[US5180059](#) A [];
[US3674029](#) A [];
[US2733714](#) A [];
[US3946737](#) A [];
[US2331355](#) A [];
[US3037506](#) A [];
[US5193684](#) A [];
[US3690321](#) A [];
[US3905372](#) A [];
[US5113873](#) A [];
[US5891123](#) A [];
[US3420234](#) A [];
[US2004024376](#) A1 [];
[FR2653328](#) A1 [];
[WO9422405](#) A1 [];
[FR2590161](#) A1 [];
[JP2000237234](#) A [];
[US5383868](#) A [];
[US6840927](#) B2 [];
[US5389181](#) A [];
[US6348047](#) B1 [];
[US5290262](#) A [];
[US2005055003](#) A1 [];
[US6863664](#) B2 [];
[US2008077105](#) A1 [];
[US6059763](#) A [];
[US2004147893](#) A1 [];
[US2004147897](#) A1 [];
[US2012197230](#) A1 [];
[US2092346](#) A [];
[US6939333](#) B1 [];
[US7112192](#) B2 [];
[US3058469](#) A [];
[US5827256](#) A [];
[US5690625](#) A [];
[US2004225272](#) A1 [];
[US4627848](#) A [];
[US2138626](#) A [];
[US2670736](#) A [];
[US5361779](#) A []

- CTNP - || STSE (B2)
[] English translation of WO 94/22405, Aug. 2008
- CCI - [A61F13/47209](#) ;
[A61F13/47227](#) ; [A61F13/2051](#)
- CUI - [A61F13/204](#) ; [A61F13/202](#) ;
[A61F13/34](#) ; [A61F13/2091](#)
- CCA - [A61F2013/4729](#)
- PA - (B2)
HOOI ALEX YU SING [GB]; CALLA LILY PERSONAL CARE LTD [GB]
- TI - (A1 B2)
Sanitary **Product**
- AB - (A1)
This invention relates to a sanitary **product** for use by women for the absorption of menstrual fluid and such like. The **product** comprises a plug and a pad joined by a sheath. The plug is substantially cylindrical so that it fits comfortably in a vaginal cavity. The pad remains outside the vaginal cavity, but has an **absorbent** layer on an inward side proximal to the plug and a liquid impermeable layer on an outward side. In use, a wearer can **insert** a finger into the sheath from the outward side of the pad assist with insertion of the plug into the vaginal cavity. A string is provided that extends inside the sheath from the outward end of the plug to aid removal of the **product**. A **line of weakness** extends along the major axis of the pad, about which the pad is disposed to fold in use. This encourages the pad to fold around the plug to accommodate the plug during removal of the **product**, thus improving hygiene.
- (B2)

A sanitary **product** for use by women for the absorption of menstrual fluid, having a plug and a pad joined by a sheath. The plug is substantially cylindrical so that it fits comfortably in a vaginal cavity. The pad remains outside the vaginal cavity, but has an **absorbent** layer on an inward side proximal to the plug and a liquid impermeable layer on an outward side. In use, a wearer can **insert** a finger into the sheath from the outward side of the pad to assist with insertion of the plug into the vaginal cavity. A string is provided that extends inside the sheath from the outward end of the plug to aid removal of the **product**. A **line** of **weakness** extends along the major axis of the pad, about which the pad is disposed to fold in use.

- 3/7** © EPODOC / EPO
- PN - [MX2007014340](#) A 20080212
- PR - GB20050009979
20050517; WO2006GB01802
20060517
- AP - MX20070014340 20060517
- DT - I
- CCI - [A61F13/47209](#) ;
[A61F13/47227](#) ; [A61F13/2051](#)
- CUI - [A61F13/204](#) ; [A61F13/202](#) ;
[A61F13/34](#) ; [A61F13/2091](#)
- CCA - [A61F2013/4729](#)
- PA - MCGUINNESS KEIR [GB]
- TI - SANITARY **PRODUCT**.
- AB - This invention relates to a sanitary **product** (1) for use by women for the absorption of menstrual fluid and such like. The **product** (1) comprises a



plug (2) and a pad (3) joined by a sheath (4). The plug (2) is substantially cylindrical so that it fits comfortably in a vaginal cavity. The pad (3) remains outside the vaginal cavity, but has an **absorbent** layer on an inward side (10) proximal to the plug (2) and a liquid impermeable layer on an outward side (11). In use, a wearer can **insert** a finger into the sheath (4) from the outward side (11) of the pad (3) assist with insertion of the plug (2) into the vaginal cavity. A string (12) is provided that extends inside the sheath (4) from the outward end of the plug (2) to aid removal of the **product** (1). A **line of weakness** (7) extends along the major axis of the pad (3), about which the pad (3) is disposed to fold in use. This encourages the pad (3) to fold around the plug (2) to accommodate the plug (2) during removal of the **product** (1), thus improving hygiene.

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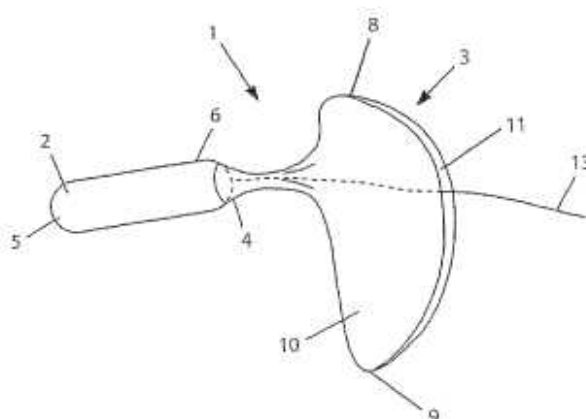
PN - [WO2006123132](#) A1 20061123

PR - GB20050009979 20050517

AP - WO2006GB01802 20060517

DT - *; Rep

CT - |EP| ISR (A1)
[WO02058611](#) A1 20020801
 [XA] (PROCTER & GAMBLE [US], et al)
 [X] 1-7,22-27
 * page 17, lines 19-24; figure -;
 claim - *
 [A] 28-30;
[US3905372](#) A 19750916
 [A] (DENKINGER MARIAN C)
 [A] 1
 * column W *;



[US5389181](#) A 19950214
 [A] (VUKOS JOHN P [US], et al)
 [A] 1
 * figure -; claim - *;
[EP0104039](#) A1 19840328
 [A] (SMITH & NEPHEW ASS [GB])
 [A] 1-27
 * page 17, lines -18 *
 * page 19, lines 1-14 *
 * page 20, line 12 - page 21,
 line 4 *
 * page 28, line 21 - page 29,
 line 23; figures 3-3b; claim - *;
[JP2003010243](#) A 00000000 [DA]

CTNP - | EP | ISR (A1)
 [DA] - PATENT ABSTRACTS OF
 JAPAN, (20030512), vol. 2003,
 no. 05,
 [DA] 1-27
 * abstract *

CCI - [A61F13/47209](#) ;
[A61F13/47227](#) ; [A61F13/2051](#)

CUI - [A61F13/204](#) ; [A61F13/202](#) ;
[A61F13/34](#) ; [A61F13/2091](#)

CCA - [A61F2013/4729](#)

PA - MCGUINNESS KEIR [GB]; HOOI
 ALEX YU SING [GB]

TI - SANITARY **PRODUCT**

AB - This invention relates to a
 sanitary **product** (1) for use by
 women for the absorption of
 menstrual fluid and such like.
 The **product** (1) comprises a
 plug (2) and a pad (3) joined by
 a sheath (4). The plug (2) is
 substantially cylindrical so
 that it fits comfortably in a
 vaginal cavity. The pad (3)
 remains outside the vaginal
 cavity, but has an **absorbent**
 layer on an inward side (10)
 proximal to the plug (2) and a
 liquid impermeable layer on an
 outward side (11). In use, a
 wearer can **insert** a finger into
 the sheath (4) from the outward
 side (11) of the pad (3) assist

with insertion of the plug (2) into the vaginal cavity. A string (12) is provided that extends inside the sheath (4) from the outward end of the plug (2) to aid removal of the **product** (1). A **line of weakness** (7) extends along the major axis of the pad (3), about which the pad (3) is disposed to fold in use. This encourages the pad (3) to fold around the plug (2) to accommodate the plug (2) during removal of the **product** (1), thus improving hygiene.

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PN - [CN101193616](#) A 20080604

PNFP - CN101193616 B 20110323

PR - WO2006GB01802
20060517; GB20050009979
20050517

AP - CN2006816979 20060517

DT - I

CCI - [A61F13/47209](#) ;
[A61F13/47227](#) ; [A61F13/2051](#)

CUI - [A61F13/204](#) ; [A61F13/202](#) ;
[A61F13/34](#) ; [A61F13/2091](#)

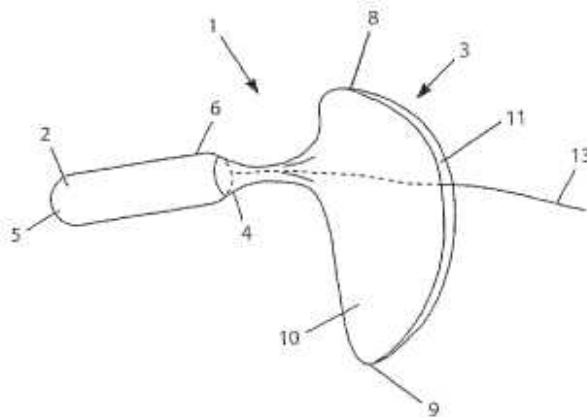
CCA - [A61F2013/4729](#)

PA - (A)
MCGUINNESS KEIR [GB]

- (B)
MCGUINNESS KEIR

TI - (A B)
Sanitary **product**

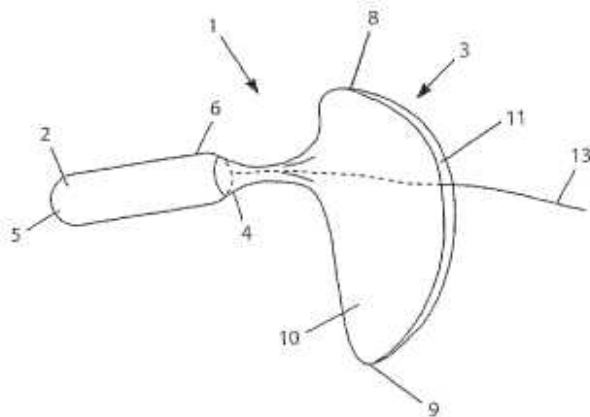
AB - (B)
This invention relates to a sanitary **product** (1) for use by women for the absorption of menstrual fluid and such like. The **product** (1) comprises a plug (2) and a pad (3) joined by a sheath (4). The plug (2) is substantially cylindrical so that it fits comfortably in a vaginal cavity. The pad (3)



remains outside the vaginal cavity, but has an **absorbent** layer on an inward side (10) proximal to the plug (2) and a liquid impermeable layer on an outward side (11). In use, a wearer can **insert** a finger into the sheath (4) from the outward side (11) of the pad (3) assist with insertion of the plug (2) into the vaginal cavity. A string (12) is provided that extends inside the sheath (4) from the outward end of the plug (2) to aid removal of the **product** (1). A line of **weakness** (7) extends along the major axis of the pad (3), about which the pad (3) is disposed to fold in use. This encourages the pad (3) to fold around the plug (2) to accommodate the plug (2) during removal of the **product** (1), thus improving hygiene.

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PN - [CA2608554](#) A1 20061123
 PNFP - CA2608554 C 20110503
 PR - GB20050009979
 20050517; WO2006GB01802
 20060517
 AP - CA20062608554 20060517
 DT - I
 CCI - [A61F13/47209](#) ;
[A61F13/47227](#) ; [A61F13/2051](#)
 CUI - [A61F13/204](#) ; [A61F13/202](#) ;
[A61F13/34](#) ; [A61F13/2091](#)
 CCA - [A61F2013/4729](#)
 PA - (A1 C)
 MCGUINNESS KEIR [GB]
 TI - (A1 C)
 SANITARY **PRODUCT**
 AB - (A1)
 This invention relates to a
 sanitary **product** (1) for use by
 women for the absorption of



menstrual fluid and such like.

The **product** (1) comprises a plug (2) and a pad (3) joined by a sheath (4). The plug (2) is substantially cylindrical so that it fits comfortably in a vaginal cavity. The pad (3) remains outside the vaginal cavity, but has an **absorbent** layer on an inward side (10) proximal to the plug (2) and a liquid impermeable layer on an outward side (11). In use, a wearer can **insert** a finger into the sheath (4) from the outward side (11) of the pad (3) assist with insertion of the plug (2) into the vaginal cavity. A string (12) is provided that extends inside the sheath (4) from the outward end of the plug (2) to aid removal of the product (1). A **line of weakness** (7) extends along the major axis of the pad (3), about which the pad (3) is disposed to fold in use. This encourages the pad (3) to fold around the plug (2) to accommodate the plug (2) during removal of the **product** (1), thus improving hygiene.

- (C)

This invention relates to a sanitary **product** (1) for use by women for the absorption of menstrual fluid and such like.

The **product** (1) comprises a plug (2) and a pad (3) joined by a sheath (4). The plug (2) is substantially cylindrical so that it fits comfortably in a vaginal cavity. The pad (3) remains outside the vaginal cavity, but has an **absorbent** layer on an inward side (10) proximal to the plug (2) and a liquid impermeable layer on an outward side (11). In use, a

wearer can **insert** a finger into the sheath (4) from the outward side (11) of the pad (3) assist with insertion of the plug (2) into the vaginal cavity. A string (12) is provided that extends inside the sheath (4) from the outward end of the plug (2) to aid removal of the **product** (1). A **line of weakness** (7) extends along the major axis of the pad (3), about which the pad (3) is disposed to fold in use. This encourages the pad (3) to fold around the plug (2) to accommodate the plug (2) during removal of the **product** (1), thus improving hygiene.

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PN - [AU2006248799](#) A1 20061123

PNFP - AU2006248799B B2 20120524

PR - GB20050009979
20050517; WO2006GB01802
20060517

AP - AU20060248799 20060517

DT - I

CT - (B2)
[JP2003010243](#) A []

CCI - [A61F13/47209](#) ;
[A61F13/47227](#) ; [A61F13/2051](#)

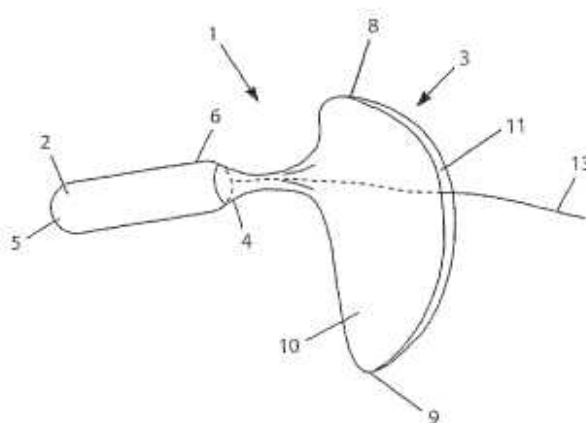
CUI - [A61F13/204](#) ; [A61F13/202](#) ;
[A61F13/34](#) ; [A61F13/2091](#)

CCA - [A61F2013/4729](#)

PA - (A1)
KEIR MCGUINNESS
- (B2)
MCGUINNESS KEIR

TI - (A1 B2)
Sanitary **product**

AB - (B2)
This invention relates to a sanitary **product** (1) for use by women for the absorption of menstrual fluid and such like.



The **product** (1) comprises a plug (2) and a pad (3) joined by a sheath (4). The plug (2) is substantially cylindrical so that it fits comfortably in a vaginal cavity. The pad (3) remains outside the vaginal cavity, but has an **absorbent** layer on an inward side (10) proximal to the plug (2) and a liquid impermeable layer on an outward side (11). In use, a wearer can **insert** a finger into the sheath (4) from the outward side (11) of the pad (3) assist with insertion of the plug (2) into the vaginal cavity. A string (12) is provided that extends inside the sheath (4) from the outward end of the plug (2) to aid removal of the **product** (1). A **line of weakness** (7) extends along the major axis of the pad (3), about which the pad (3) is disposed to fold in use. This encourages the pad (3) to fold around the plug (2) to accommodate the plug (2) during removal of the **product** (1), thus improving hygiene.

[SS 7] (absorbent insert)

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[SS 8] absorbent insert

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