PatBase - Search results 04 March 2016
Search query (2): [SP]: 1. an absorbent article comprising: a longitudinally extending axis a transversely extending axis a top surface a cover layer a barrier layer an absorbent core arranged between the cover layer and the barrier layer a plurality of colored portions, each of the colored portions having a color that is the same as all of the other colored portions and a plurality of non-colored portions wherein the plurality of colored portions and the plurality of non-colored portions are arranged to create a perception of depth within the absorbent article by a user looking upon the top surface of the absorbent article. 2. the absorbent article according to claim 1, wherein each of the non-colored portions has a color that is the same as all of the other non-colored portions 3. the absorbent article according to claim 2, wherein each of the colored portions has deltae* relative to all of the other colored portions of less than 2. 4. the absorbent article according to claim 3, wherein each of the non-colored portions has deltae* relative to all of the other non-colored portions of less than 2. 5. the absorbent article according to claim 4, wherein a deltae* between each of the colored portions and each of the non-colored portions is at least 3.5. 6. the absorbent article according to claim 1, wherein the plurality of colored portions includes a central colored portion and plurality of colored rings that surround the central colored portion. 7. the absorbent article according to claim 6, wherein each of the colored rings is spaced from a previous ring by one of the non-colored portions. 8. the absorbent article according to claim 7, wherein the colored rings are arranged such that they radiate outward from the central colored portion. 9. the absorbent article according to claim 8, wherein a first ring of the plurality of colored rings completely surrounds the central colored portion. 10. the absorbent article according to claim 9, wherein each colored ring is larger than a previous ring. 11. the absorbent article according to claim 10, wherein each colored ring entirely surrounds a previous colored ring. 12. the absorbent article according to claim 1, wherein the colored portions extend over a surface area of between about 8.8 percent and about 18.4 percent of a total surface area of the napkin 13. the absorbent article according to claim 13, wherein the non-colored portions extend over a surface area of between about 81.6 percent and about 91.2 percent of a total surface area of the napkin 14. the absorbent article according to claim 1, wherein the plurality of non-colored portions and plurality of colored portions are concentrically arranged such that they radiate outward from substantially a center of the absorbent article.
Results: 10

Nelcy

Search history

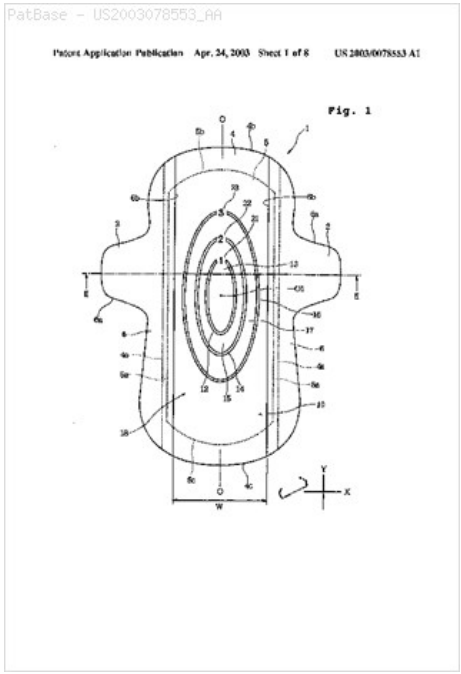
Search 1:	PN=(WO2012154444) (Results 1)
Search 2:	[SP]: 1. an absorbent article comprising: a longitudinally extending axis a transversely extending axis a top surface a cover layer a barrier layer an absorbent core arranged between the cover layer and the barrier layer a plurality of colored portions, each of the colored portions having a color that is the same as all of the other colored portions and a plurality of non-colored portions wherein the plurality of colored portions and the plurality of non-colored portions are arranged to create a perception of depth within the absorbent article by a user looking upon the top surface of the absorbent article. 2. the absorbent article according to claim 1, wherein each of the non-colored portions has a color that is the same as all of the other non-colored portions 3. the absorbent article according to claim 2, wherein each of the colored portions has deltae* relative to all of the other colored portions of less than 2. 4. the absorbent article according to claim 3, wherein each of the non-colored portions has deltae* relative to all of the other non-colored portions of less than 2. 5. the absorbent article according to claim 4, wherein a deltae* between each of the colored portions and each of the non-colored portions is at least 3.5. 6. the absorbent article according to claim 1, wherein the plurality of colored portions includes a central colored portion and plurality of colored rings that surround the central colored portion. 7. the absorbent article according to claim 6, wherein each of the colored rings is spaced from a previous ring by one of the non-colored portions. 8. the absorbent article according to claim 7, wherein the colored rings are arranged such that they radiate outward from the central colored portion. 9. the absorbent article according to claim 8, wherein a first ring of the plurality of colored rings completely surrounds the central colored portion. 10. the absorbent article according to claim 9, wherein each colored ring is larger than a previous ring. 11. the absorbent article according to claim 10, wherein each colored ring entirely surrounds a previous colored ring. 12. the absorbent article according to claim 1, wherein the colored portions extend over a surface area of between about 8.8 percent and about 18.4 percent of a total surface area of the napkin 13. the absorbent article according to claim 13, wherein the non-colored portions extend over a surface area of between about 81.6 percent and about 91.2 percent of a total surface area of the napkin 14. the absorbent article according to claim 1, wherein the plurality of non-colored portions and plurality of colored portions are concentrically arranged such that they radiate outward from substantially a center of the absorbent article. (Results 10)
Search 3:	TAC=(2 and absorbent) (Results 10)
Search 4:	TAC=(2 and optical) (Results 2)
Search 5:	TAC=(2 and colored portion) (Results 3)

1) Family number: 28453455 (US2003078553A)

Title: ABSORBENT ARTICLE AND PACKAGE THEREOF

Abstract: Source: US2003078553A Disclosed is an absorbent article including: a liquid permeable topsheet disposed on a body surface of the article; a liquid barrier sheet for preventing liquids from exuding toward a garment surface of the article; and an absorbent layer disposed between the topsheet and the liquid barrier sheet. The absorbent article has a liquid receiving region of a predetermined area where the topsheet and the absorbent layer overlap each other. A reference mark for visually measuring an extent of liquid spread in the liquid receiving region is provided on a body surface of the topsheet.

Classifications:
International (IPC 8-9): A61F13/15 A61F13/42 A61F13/47 A61F13/472 A61F13/49 A61F13/51 A61F13/511 A61F13/84 A61F5/44 (Advanced/Invention);
A61F13/51 (Advanced/Non-invention);
A61F13/15 A61F13/42 A61F5/44 (Core/Invention)
International (IPC 1-7): A61F13/15 A61F13/42 A61F13/47 A61F13/472 A61F13/49 A61F13/51 A61F13/511 A61F13/84 A61F5/44 B65D85/16
CPC: A61F13/42 A61F13/4756 A61F13/533 A61F13/536 A61F13/5513 A61F13/55145 A61F2013/51377 A61F2013/8497
European: A61F13/42 A61F13/475A3 A61F13/551B A61F13/551B2D K61F13/513H K61F13/533 K61F13/536 K61F13/84G
US: 604/361 604/361P 604/385.01 604/385.010S



Family:

Publication number	Publication date	Application number	Application date
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CN1513430 A	20040721	CN20021056954	20021023
DE60237268 D1	20100923	DE20026037268	20021015
EP1306069 A2	20030502	EP20020257139	20021015
EP1306069 A3	20040102	EP20020257139	20021015
EP1306069 B1	20100811	EP20020257139	20021015
EP1306069 B2	20140212	EP20020257139	20021015
HK1067852 A3	20050422	HK20040110224	20041224
JP2003126140 A2	20030507	JP20010324811	20011023
JP3971150 B2	20070905	JP20010324811	20011023
KR100789795 B1	20071231	KR20020064464	20021022
KR20030033962 A	20030501	KR20020064464	20021022
TW565438 B	20031211	TW20020124103	20021018
US2003078553 AA	20030424	US20020267192	20021009

Priority:
JP20010324811 20011023

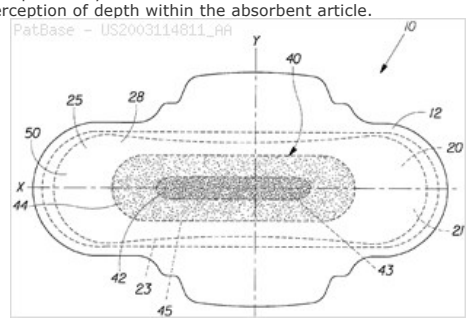
Probable Assignee: UNI CHARM CORP
Assignee(s): (std)**:** UNI CHARM CORP ; UNI CHARM LTD ; UNICHARM CORP ; UNIV CHARM CORP
Assignee(s): UNI CHARM CO LTD
Inventor(s): (std)**:** AYAMI WADA MITSUHIRO SUGA ; SUGA AYAMI ; SUGA FUMIYOSHI ; WADA MITSUHIRO ; MITSUHIRO WADA ; AYAMI SUGA
Inventor(s): WADA MITSUHIRO C O TECHNICAL CENTER ; WADA MITSUHIRO SUGA AYAMI ; SUGA AYAMI C O TECHNICAL CENTER
Agent(s): EKE PHILIPPA DIANNE
Designated states: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

2) Family number: 29787446 (US2003114811A)

Title: ABSORBENT ARTICLE

Abstract: Source: US2003114811A The absorbent article provides a signal viewable from the top surface of the absorbent article that gives a perception of depth within the absorbent article. This creation of depth perception is accomplished by the use of at least two tones within a color and/or by the use of multiple tones and multiple colors operating together to create a perception of depth within the absorbent article.

Classifications:
International (IPC 8-9): A61F13/15 A61F13/20 A61F13/42 A61F13/47 A61F13/472 A61F13/511 A61F13/512 A61F13/513 A61F13/53 A61F13/531 A61F13/539 A61F13/84 A61F5/44 B32B7/02 (Advanced/Invention);
A61F13/15 A61F13/512 A61F13/513 B32B38/14 B32B7/02 (Advanced/Non-invention);
A61F13/15 B32B7/02 (Core/Invention)
International (IPC 1-7): A61F13/15 A61F13/20 A61F13/42 A61F13/539 A61F5/44 B32B7/02
CPC: A61F13/51394 A61F2013/5128 A61F2013/51377 A61F2013/51383 A61F13/15203 A61F13/472 A61F13/531 A61F2013/8497 A61F13/84 A61F13/511
European: A61F13/15J A61F13/472 A61F13/511 A61F13/531 A61F13/84 K61F13/84G
US: 378/385.23 604/361 604/361P 604/361S 604/362 604/362P 604/367 604/378 604/378S 604/379 604/382 604/385.01 604/385.010P 604/385.010S 604/385.23 604/385.230P



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CA2470162 AA	20040614	CA20022470162	20021217
CA2470162 C	20070904	CA20022470162	20021217
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CN1599584 A	20050323	CN20028024003	20021217
EG23232 A	20040831	EG20020121367	20021218
EP1455713 A2	20040915	EP20020794270	20021217
EP1455713 B1	20120502	EP20020794270	20021217
EP2324804 A1	20110525	EP20100181789	20021217
ES2386538 T3	20120822	ES20020794270T	20021217
HK1075194 A3	20051209	HK20050107493	20050825
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HU228560 B1	20130328	HU20040002552	20021217
IL161742 A0	20051120	IL20020161742	20021217
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IN01230DN2004 A	20061208	IN2004DN01230	20040507
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JP2005512682 T2	20050512	JP20030554074T	20021217
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JP4843196 B2	20111221	JP20030554074T	20021217
KR100666035 B1	20070110	KR20047009462	20021217
KR20040068267 A	20040730	KR20047009462	20021217
MXPA04005950 A1	20040913	MX2004PA05950	20040617
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TH59113 A	20031028	TH20021004695	20021216
TW200301687 A	20030716	TW20020136656	20021219
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US2016015579 AA	20160121	US20150830179	20150819
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US7241280 BB	20070710	US20040945403	20040920
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US7311696 BB	20071225	US20060525554	20060922
US7402157 BB	20080722	US20010025059	20011219
US7537585 BB	20090526	US20070894077	20070820
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US8556874 BB	20131015	US20110094096	20110426
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WO03053313 A2	20030703	WO2002US40229	20021217
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Priority:

US20010025059	20011219	CA20022470162	20021217	JP20030554074	20021217
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US20150830179	20150819				

Probable Assignee: PROCTER AND GAMBLE

Assignee(s): (std)**:** CHRISTON PATRICIA L ; CHRISTON PATRICIA LEE ; FELLER BRYAN K ; FELLER BRYAN KEITH ; GLASSMEYER RONDA L ; GLASSMEYER RONDA LYNN ; HERNANDEZ ROSA ALEJANDRA ; PROCTER AND GAMBLE ; HERNANDEZ ROSA A ; THE PROCTER AND GAMBLE COMPANY

Assignee(s): MALONEY FORREST T ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE CO CINCINNATI ; THE PROCTER AND GAMBLE CO CINCINNATI OHIO ; ADAMS DANNETTE R ; PROCTER AND GAMBLE CO

Inventor(s): (std)**:** ADAMS DANNETTE R ; ADAMS DANNETTE RENEE ; ALEJANDRA HERNANDEZ ROSA ; BRYAN KEITH FELLER ; CHRISTON PATRICIA ; CHRISTON PATRICIA L ; CHRISTON PATRICIA LEE ; FELLER BRIAN KEITH ; FELLER BRYAN ; FELLER BRYAN K ; FELLER BRYAN KEITH ; GLASSMEYER RONDA ; GLASSMEYER RONDA L ; GLASSMEYER RONDA LYNN ; HERNANDEZ ROSA ; HERNANDEZ ROSA A ; HERNANDEZ ROSA ALEJANDRA ; KEITH FELLER BRYAN ; LEE CHRISTON PATRICIA ; LYNN GLASSMEYER RONDA ; MALONEY FORREST T ; MALONEY FORREST TIMOTHY ; PATRICIA LEE CHRISTON ; RONDA LYNN GLASSMEYER ; ROSA ALEJANDRA HERNANDEZ ; ALEJANDRA CHRISTON PATRICIA LE

Inventor(s): ADAMS DANNETTE ; CHRISTON PATRICIA LEE FELLER BRYAN KEITH GLASSMEYER RONDA LYNN HERNANDEZ ROSA ALEJANDRA ; CHRISTON PATRICIA LEE FELLER BRYAN KEITH ; CHRISTON PATRICIA LEE FELLER BRYAN KEITH GLASSMEYE ; MALONEY FORREST ; CHRISTON PATRICA LEE

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; MBM INTELLECTUAL PROPERTY LAW LLP; KREMER VERONIQUE MARIE JOSEPHINE; REINHOLD COHN AND PARTNERS; PROCTER AND GAMBLE CO INTELLECTUAL PROPERTY DIVISION; THE PROCTER AND GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION; PROCTER AND GAMBLE CO INTELLECTUAL PROPERTY DIVISION WEST BLDG; THE PROCTER AND GAMBLE COMPANY, GLOBAL LEGAL DEPARTMENT - IP; PROCTER AND GAMBLE CO GLOBAL LEGAL DEPARTMENT IP; AMANDA T; RODDY M; DAVID M; BARRY AMANDA T; BULLOCK RODDY M; WEIRICH DAVID M; MEGAN C; ANDREW J; GEORGE H

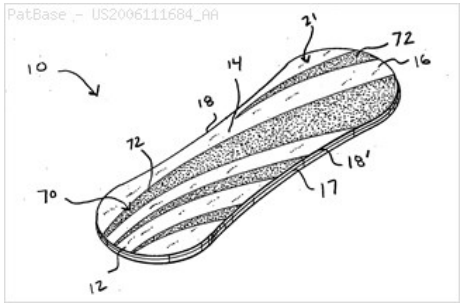
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SC SD SE SG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

3) Family number: 32887732 (US2006111684A)

Title: DISPOSABLE ABSORBENT ARTICLE HAVING VIEWABLE INDICIA

Abstract: Source: US2006111684A An absorbent article including a first layer having an internal surface and an external surface, a second layer having an internal surface and an external surface, indicia arranged on at least one of the internal surfaces of the first layer the second layer, at least one of the first layer or the second layer having a light transmittance of at least 45 percent so that the indicia is viewable from at least one of the external surfaces.

Classifications:
International (IPC 8-9): A61F13/15 A61F13/42 (Advanced/Invention); A61F13/15 A61F13/42 (Core/Invention); A61F (Subclass/Invention)
International (IPC 1-7): A61F13/15
CPC: A61F13/51496 A61F13/42 A61F2013/15243 A61F2013/51377
European: A61F13/42 A61F13/514D K61F13/15J3 K61F13/513H
US: 604/361 604/361P 604/385.01 604/385.010S



Family:

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CA2585455 AA	20070425	CA20052585455	20051028
CN101048121 A	20071003	CN200580037192	20051028
EP1809225 A1	20070725	EP20050815391	20051028
IN01492KN2007 A	20070720	IN2007KN01492	20070426
RU2007119578 A	20081210	RU20070119578	20051028
US2006111684 AA	20060525	US20050262048	20051028
WO06050095 A1	20060511	WO2005US38935	20051028
ZA200704310 A	20080827	ZA20070004310	20070525

Priority:

US20040623030 20041028 US20040623030P 20041028 US20050262048 20051028
WO2005US38935 20051028

Probable Assignee: MCNEIL PPC INC

Assignee(s): (std)**:** ARORA TARUN K ; BERBA MARIA L M ; BERBA MARIA LUISA M ; DU JENNY G ; INC ; MARCELO ANA M R ; MCNEIL PPC INC ; MARCELO ANA MARIA R ; MEDINA MA SOCORRO ; SERRA PAULO ROBERTO AMARAL ; MEDINA MARIA SOCORRO F ; SERRA PAULO ROBERTO A ; RACHID LUIZ H ; RIMOLI FRANCISCO ANTONIO

Inventor(s): (std)**:** AMARAL SERRA PAULO ROBERTO ; ARO BERBA MARIA LUISA M MARCEL ; ARORA TARUN K ; BERBA MARIA L M ; DU JENNY G ; MARCELO ANA M R ; MARCELO ANA MARIA R ; BERBA MARIA LUISA M ; MEDINA MA SOCORRO ; MEDINA MARIA SOCORRO F ; RACHID LUIZ H ; RIMOLI FRANCISCO ANTONIO ; SERRA PAULO ROBERTO A ; SERRA PAULO ROBERTO AMARAL

Inventor(s): TARUN K ARORA ; SERRA PAULO ROBERTO ; RACHID LUIZ HENRIQUE ; PAULO ROBERTO AMARAL SERRA ; RACHID LUIZ ; MEDINA MARIA SOCORRO ; DU JENNY ; MARCELO ANA MR ; MARIA LUISA M BERBA ; MARIA SOCORRO F MEDINA ; MARIA SOCORRO F MEDINA AKA MEDINA MA SOCORRO ; JENNY G DU ; MA SOCORRO MEDINA ; MARCELO ANA ; BERBA MARIA LM ; BERBA MARIA ; ARORA TARUN ; ANA MARIA R MARCELO

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; SMART AND BIGGAR; PHILIP S JOHNSON JOHNSON AND JOHNSON

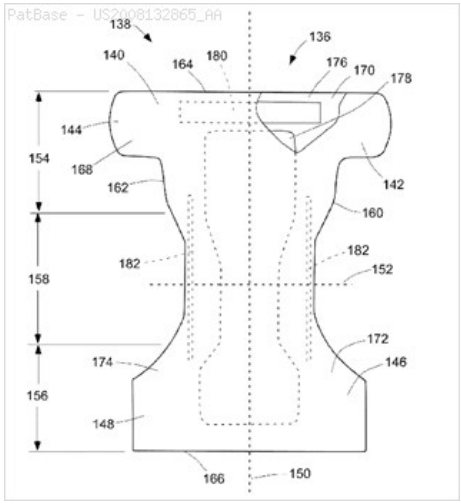
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH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

4) Family number: 41884877 (US2008132865A)

Title: SUBSTRATES WITH PRINTED PATTERNS THEREON PROVIDING A THREE-DIMENSIONAL APPEARANCE

Abstract: Source: US2008132865A Aspects of the present disclosure involve patterns on substrate surfaces, such as nonwoven webs or fabrics, plastic films, and laminates thereof, that cause the substrate surfaces to exhibit a three-dimensional appearance. In some embodiments, the three-dimensional appearance of the substrate surface resembles protrusions and indentions indicative of threads in woven cloths. The patterns are created by printing a surface of a substrate, as opposed to deforming the substrate such as by embossing. Embodiments of the patterns include a plurality of repeating shapes or macro-units disposed on the substrate surface.

Classifications:
International (IPC 8-9): A61F13/15 A61F13/49 A61F13/511 A61F13/514 B32B5/00 B41M3/06 B44F1/08 B44F11/00 B44F7/00 (Advanced/Invention);
A61F13/15 B32B5/00 B41M3/00 B44F1/00 B44F11/00 B44F7/00 (Core/Invention);
A61F B41M B44F (Subclass/Invention)
International (IPC 1-7): A61F13/15 B44F11/00
CPC: Y10T428/24802 A61F13/15 A61F13/42 B44F7/00
European: A61F13/15 A61F13/42 B44F7/00
US: 428/195.1 604/378 604/385.01 604/385.010P



Family:

Publication number	Publication date	Application number	Application date
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CA2709170 AA	20080605	CA20072709170	20071129
CL2007003436 A1	20081024	CL20070003436	20071129
CN101600585 A	20091209	CN200780043854	20071129
CN101600585 B	20130918	CN200780043854	20071129
EP2086771 A2	20090812	EP20070827083	20071129
IN02826DN2009 A	20090619	IN2009DN02826	20090429
JP2010510861 T2	20100408	JP20090538844T	20071129
JP5015263 B2	20120829	JP20090538844T	20071129
MX2009005558 A1	20090608	MX20090005558	20090526
MX2009005558 A1	20090608	MX20090005558	20071129
RU2009114591 A	20110110	RU20090114591	20071129
RU2415758 C2	20110410	RU20090114591	20071129
US2008132865 AA	20080605	US20070946969	20071129
US2010286644 AA	20101111	US20100844022	20100727
WO08065628 A2	20080605	WO2007IB54853	20071129
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Priority:

US20060861910P 20061129 US20070946969 20071129 WO2007IB54853 20071129 US20100844022 20100727

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): DENMON ANGELLI SUE ; DOBRIN GEORGE CHRISTOPHER ; KO ADA HO YAU ; LAWSON KATHLEEN MARIE ; WARNER ALRICK VINCENT ; PROCTER AND GAMBLE ; LI WENBIN ; LU JON AARON ; MEYER DOUGLAS JOSEPH ; LU JONATHAN AARON

Assignee(s): THE PROCTER AND GAMBLE COMPANY ; PROCTER AND GAMBLE CO ; DZE PROKTER EHND GEHMBL KOMPANI

Inventor(s): (std): AARON LU JON ; CHRISTOPHER DOBRIN GEORGE ; DENMON ANDZHELLI S JU ; DENMON ANGELLI S ; DENMON ANGELLI SUE ; DOBRIN DZHORDZH KRISTOFER ; DOBRIN GEORGE CHRISTOPHER ; KO ADA ; KO ADA HO YAU ; KO ADA KHO JAU ; LAWSON KATHLEEN M ; LAWSON KATHLEEN MARIE ; LI VENBIN ; LI WENBIN ; LI WENBIN KO ADA LU JON DOBRIN ; LJU JON AARON ; LOUSON KEHTLIN MEHRI ; LU JON ; LU JON AARON ; LU JONATHAN AARON ; MARIE LAWSON KATHLEEN ; MEHEJR DUGLAS DZHOZEF ; MEYER DOUGLAS J ; MEYER DOUGLAS JOSEPH ; SUE DENMON ANGELLI ; UORNER OLRIK VINSENT ; VINCENT WARNER ALRICK ; WARNER ALRICK V ; WARNER ALRICK VINCENT ; WENBIN LI ; YAU KO ADA HO ; JOSEPH MEYER DOUGLAS

Inventor(s): KATHLEEN MARIE LAWSON ; WARNER ALRICK ; MEIYER DOUGLAS ; LI WENBIN KO ADA LU JON DOBRIN GEORGE CHRISTOPHER MEYER DOUGLAS JOSEPH WARNER ALRICK VINCENT LAWSON KATHLEE ; LI WENBIN KO ADA LU JON DOBRIN GEORGE... ; LAWSON KATHLEEN ; DOUGLAS JOSEPH MEYER ; GEORGE CHRISTOPHER DOBRIN ; JON AARON LU ; DOBRIN GEORGE ; DENMON ANDZHELLI S'JU ; DENMON ANGELLI ; ADA HO YAU KO ; ALRICK VINCENT WARNER ; ANGELLI SUE DENMON

Agent(s): KREMER VERONIQUE MARIE JOSEPHINE; NAGAI HIROSHI; PROCTER AND GAMBLE CO INTELLECTUAL PROPERTY DIVISION WEST BLDG; THE PROCTER AND GAMBLE COMPANY,GLOBAL LEGAL DEPARTMENT - IP; PROCTER AND GAMBLE CO GLOBAL LEGAL DEPARTMENT IP; THE PROCTER AND GAMBLE COMPANY

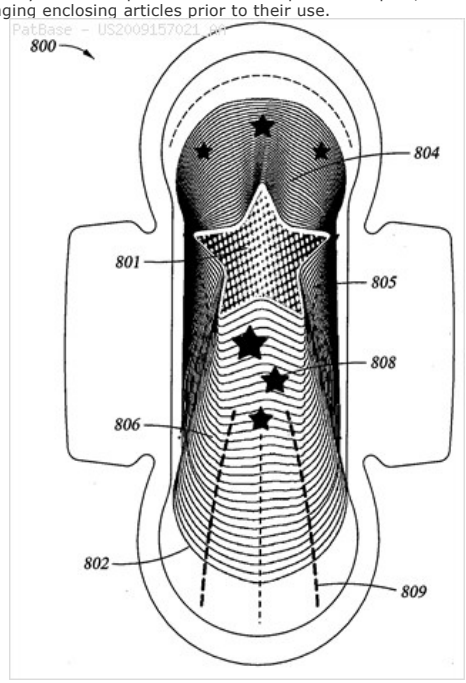
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM 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

5) Family number: 43385141 (US2009157021A)

Title: ARTICLES WITH INFORMATIVE PATTERNS, AND METHODS OF MAKING THE SAME

Abstract: Source: US2009157021A A plurality of graphical elements form optical illusions associated with consumer products to aid in conveying visual perception of desired features. The optical illusions may provide perceptions of motion and/or elevation deviation into or out of a surface. Further, graphical elements sharing a single common color tone may create one or more of the illusions that may otherwise be enhanced by incorporating multiple color tones to the graphical elements creating the illusions. Exemplary consumer products include disposable diapers, feminine sanitary napkins, printed or electronic advertising media, and removable packaging enclosing articles prior to their use.

Classifications:
International (IPC 8-9): A61F13/42 A61F13/49 A61F13/51 A61F13/511 A61F13/512 A61F13/514 A61F13/53 A61F13/84 A61L15/42 (Advanced/Invention); A61F13/42 A61F13/511 A61F13/53 A61L15/42 (Advanced/Non-invention); A61F13/15 (Core/Invention)
CPC: A61F13/51496 A61F2013/8497 A61F13/42 A61F13/53 A61L15/42
European: A61F13/514D K61F13/84G
US: 604/359 604/359P 604/385.01 604/385.010S



Family:

Publication number	Publication date	Application number	Application date
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AU2008337183 BB	20131107	AU20080337183	20081120
CN101896150 A	20101124	CN200880120263	20081120
EP2219580 A2	20100825	EP20080861456	20081120
EP2219580 A4	20130220	EP20080861456	20081120
KR20100103511 A	20100927	KR20107012995	20081120
KR20150083131 A	20150716	KR20157017013	20081120
MX2010006104 A1	20100630	MX20100006104	20100603
MX2010006104 A1	20100630	MX20100006104	20081120
RU2010128913 A	20120127	RU20100128913	20081120
RU2500376 C2	20131210	RU20100128913	20081120
US2009157021 AA	20090618	US20070957163	20071214
WO09077897 A2	20090625	WO2008IB54878	20081120
WO09077897 A3	20091015	WO2008IB54878	20081120

Priority:
US20070957163 20071214 WO2008IB54878 20081120

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s): (std): BOLAND KATIE A ; KIMBERLY CLARK CO ; KIMBERLY CLARK CORP ; WOLTMAN GARRY ROLAND ; SULLIVAN SUZANNE K

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; KIMBERLI KLARK VORLDVAJD INK

Inventor(s): (std): BOLAND KATIE A ; BOULEHND KEHJTI A ; ROLAND WOLTMAN GARRY ; SALLIVEN S JUZEHN K ; SULLIVAN SUZANNE K ; VOLTMEHN GEHRRI ROULEHND ; WOLTMAN GARRY ROLAND

Inventor(s): SUZANNE K SULLIVAN ; GARRY ROLAND WOLTMAN ; KATIE A BOLAND

Agent(s): SPRUSON AND FERGUSON; DAVIES CHRISTOPHER ROBERT; CHRISTOPHER M GOFF 27839 ARMSTRONG TEASDALE LLP; GOFF CHRISTOPHER M

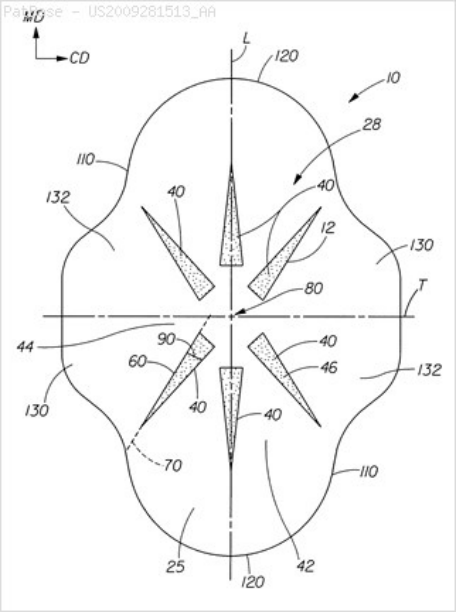
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ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

6) Family number: 43982862 (US2009281513A)

Title: ABSORBENT ARTICLE HAVING COLORED REGIONS

Abstract: Source: US2009281513A An absorbent article having colored regions. The absorbent article has at least three colored regions. The colored regions are spaced apart from one another. Each colored region has a major axis. The major axis of each colored region converges towards a common focal region on the longitudinal centerline of the absorbent article.

Classifications:
International (IPC 8-9): A61F13/15 A61F13/20 A61F13/49 A61F13/511 A61F13/514 A61F13/53 A61L15/56 (Advanced/Invention);
A61F13/511 A61F13/514 A61F13/53 A61L15/56 (Advanced/Non-invention);
A61F13/15 A61F13/20 (Core/Invention);
A61F (Subclass/Invention)
International (IPC 1-7): A61F13/15
CPC: A61F13/511 A61F2013/15243 A61F2013/8497
European: A61F13/511 K61F13/15J3 K61F13/84G
US: 604/365 604/366 604/367 604/368 604/378 604/379 604/379P 604/385.01 604/385.010S 604/385.101 604/385.17 604/385.170S 604/385.18 604/385.180S 604/385.23 604/385.230S



Family:

Publication number	Publication date	Application number	Application date
AR071692 AA	20100707	AR2009P101654	20090507
BRPI0912012 A2	20151006	BR2009PI12012	20090430
CA2723687 AA	20091112	CA20092723687	20090430
CN102014829 A	20110413	CN200980116409	20090430
IL209127 A0	20110131	IL20100209127	20101104
IL209127 A1	20130731	IL20100209127	20101104
JP2011519672 T2	20110714	JP20110508555T	20090430
JP5198655 B2	20130515	JP20110508555T	20090430
KR101260143 B1	20130506	KR20107024853	20090430
KR20110002077 A	20110106	KR20107024853	20090430
MX2010012130 A1	20101206	MX20100012130	20101105
MX2010012130 A1	20101206	MX20100012130	20090430
RU2438639 C1	20120110	RU20100140461	20090430
US2009281513 AA	20091112	US20080116529	20080507
US8162910 BB	20120424	US20080116529	20080507
WO09137311 A1	20091112	WO2009US42194	20090430

Priority:
US20080116529 20080507 WO2009US42194 20090430

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): NELSON NAOMI RUTH ; PROCTER AND GAMBLE

Assignee(s): PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; DZE PROKTER EHND GEHMBL KOMPANI

Inventor(s): (std): NEHLSON NAOMI RUF ; NELSON NAOMI RUTH ; RUTH NELSON NAOMI

Inventor(s): NAOMI RUTH NELSON

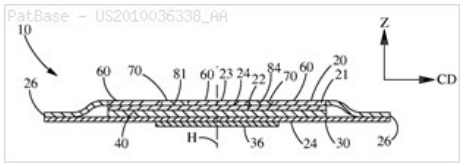
Agent(s): REINHOLD COHN AND PARTNERS; NAGAI HIROSHI; THE PROCTER AND GAMBLE COMPANY,GLOBAL LEGAL DEPARTMENT - IP; PROCTER AND GAMBLE CO GLOBAL LEGAL DEPARTMENT IP; AMANDA T; GARY J; THE PROCTER AND GAMBLE COMPANY

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 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 KR 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 PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

7) Family number: 44340090 (US2010036338A)

Title: REGIONALIZED TOPSHEET

Abstract: Source: US2010036338A An absorbent article having a liquid pervious topsheet having a first portion and a second portion. The first portion differs in structure from the second portion. The topsheet has a longitudinal centerline and a transverse centerline. The second portion has a first structurally modified zone and a second structurally modified zone. The first structurally modified zone and the second structurally modified zone are on opposing sides of the longitudinal centerline and the first structurally modified zone and the second structurally modified zone are on opposing sides of an axis parallel to the transverse centerline. The first structurally modified zone and the second structurally modified zone are spaced apart from one another. The first structurally modified zone and the second structurally modified zone together make up more than about 10 percent of the area of the topsheet.



Classifications:
International (IPC 8-9): A61F A61F13/15 A61F13/20 A61F13/42 A61F13/45 A61F13/47 A61F13/472 A61F13/49 A61F13/511 A61F13/513 A61F13/514 A61F13/53 A61F13/84 A61K31/4196 A61K31/496 A61K31/5377 A61P29/00 A61P31/10 A61P33/00 A61P35/00 A61P37/00 B32B27/12 B32B37/02 B32B37/14 B32B38/00 B32B38/04 B32B38/10 B32B38/14 B32B5/00 B41F33/00 B41M5/00 C07D249/08 C07D249/12 C07D249/14 C07D401/04 C07D401/10 C07D401/12 C07D401/14 C07D403/04 C07D403/08 C07D403/10 C07D403/12 C07D403/14 C07D405/04 C07D405/06 C07D413/10 C07D413/14 D04H1/4374 D04H1/4382 (Advanced/Invention);
A61F13/511 A61F13/53 A61P29/00 A61P31/10 A61P33/00 A61P35/00 A61P37/00 B29C65/48 B32B27/12 B41M3/00 (Advanced/Non-invention);
A61F13/15 B41F33/00 (Core/Invention);
A61F (Subclass/Invention)
International (IPC 1-7): A61F13/15
CPC: A61F13/472 A61K31/4439 A61K31/454 A61K31/496 A61K31/5377 A61K31/541 A61K31/635 A61K45/06 C07D401/04 C07D401/10 C07D401/12 C07D403/04 C07D403/10 C07D403/12 C07D405/04 C07D405/06 C07D405/10 C07D409/04 C07D409/12 B32B38/06 B32B2305/20 B32B2555/02 A61F13/512 B32B38/145 C07D249/08 C07D249/12 C07D249/14 C07D401/14 C07D403/08 C07D403/14 Y10T156/1052 Y10T156/1074 Y10T156/1089 A61F13/51394 A61F13/51496 B32B5/00 B32B27/12 B32B2307/402 B32B2555/00 B41M3/008 D04H1/4382 B32B38/0004 A61F13/15699 D04H1/4374 A61K31/4196 C07D249/10 A61F13/15203 A61F13/511 A61F13/84 A61F2013/15243 A61F13/51305 A61F13/51104 A61F13/5121 A61F2013/51165
European: A61F13/15J A61F13/511 A61F13/512 A61F13/513B A61F13/513L A61F13/514D A61F13/84 B32B27/12 B32B38/06 B32B38/14A B32B5/00 C07D249/08 C07D249/12 C07D249/14 C07D401/04 C07D401/10 C07D401/14 C07D403/08 C07D403/10 C07D403/12 C07D403/14 C07D405/04 C07D405/10 C07D409/04 C07D409/12 D04H1/4374 D04H1/4382 K61F13/15J3 L32B305/20 L32B555/00 L32B555/02 L41M3/00R
US: 101/483 101/483S 156/250 156/263 156/277 156/277S 156/290 156/297 162/134 162/137 604/358 604/367 604/367P 604/378 604/378P 604/378S 604/379 604/382 604/383 604/384 604/385.01 604/385.010P 604/385.010S 604/385.101 604/385.11 604/385.23 604/385.230S

Family:

Publication number	Publication date	Application number	Application date
AR072989 AA	20101006	AR2009P103045	20090807
AU2009279614 AA	20100211	AU20090279614	20090806
CA2733535 AA	20100211	CA20092733535	20090806
CA2733535 C	20141118	CA20092733535	20090806
CN102112083 A	20110629	CN200980130388	20090806
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CN103168123 A	20130619	CN201180050571	20111019
CN103180143 A	20130626	CN201180050652	20111020
CN103180143 B	20150826	CN201180050652	20111020
EP2309958 A1	20110420	EP20090791219	20090806
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US2010036339 AA	20100211	US20090415163	20090331
US2010036346 AA	20100211	US20080188598	20080808
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US2015096677 AA	20150409	US20140568156	20141212
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WO10017351 A1	20100211	WO2009US52942	20090806
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WO10017353 A1	20100211	WO2009US52945	20090806
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Priority:

US20080188598	20080808	US20080188543	20080808	US20090415150	20090331
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US20090548603	20090827	WO2009US52942	20090806	WO2009US52943	20090806
WO2009US52946	20090806	US20100908558	20101020	WO2009US53272	20090810
US20090548604	20090827	EP20090791218	20090806	US20100908519	20101020
US20120584914	20120814	WO2011US56791	20111019	WO2011US56978	20111020
US20130784014	20130304	US20130784748	20130304	US20120657390	20121022
US20140189562	20140225	US20140189374	20140225	US20140568156	20141212

Probable Assignee: PROCTER AND GAMBLE

Assignee(s): (std)**:** GONZALEZ LUIS VALERIO ; GONZALEZ LUISA VALERIO ; HAMMONS JOHN LEE ; PROCTER AND GAMBLE ; LARSON SIGNE CHRISTINA ; HOOD LISA JUNE ; OETJEN DAVID CHRISTOPHER ; FUCHS SYBILLE ; SYNTA PHARMACEUTICALS CORP

Assignee(s): PROCTER AND GAMBLE COWORLD SHAVING HEADQUARTERSIP/LEGAL PATENT DEPARTMENT - 3EONE GILLETTE PARKBOSTONMA02127US ; GAMBLE CO PROCTER AND ; DZE PROKTER EHND GEHMBL KOMPANI ; PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY

Inventor(s): (std)**:** BURLISON JOSEPH A ; CHAE JUNG HYUN ; CHAE JUNGHYUN ; CHIMMANAMADA DINESH U ; CHIMMANAMANDA DINESH U ; FUCHS SYBILLE ; GONZALEZ LUIS VALERIO ; GONZALEZ LUISA ; GONZALEZ LUISA VALERIO ; HAMMONS JOHN ; HAMMONS JOHN LEE ; HOOD LISA JUNE ; LARSON SIGNE CHRISTINA ; OETJEN DAVID CHRISTOPHER ; SCHWEIZER STEFAN ; SONG MING HU ; SONG MINGHU ; YING WEI WEN ; YING WEIWEN ; VALERIO GONZALEZ LUISA ; SYBILLE FUCHS ; LEE HAMMONS JOHN ; HAMMON JOHN LEE ; VALERIO GONZALEZ LUIS ; KHAMMONS DZHON LI ; FUSH SIBILL ; ZHANG SHI JIE ; ZHANG SHIJIE

Inventor(s): LUIS VALERIO GONZALEZ ; LUISA VALERIO GONZALEZ ; JOHN LEE HAMMONS ; HAMMONS JOHN LEEUS ; GONZALEZ LUISA VALERIOUS ; FUCHS SYBILLEDE

Agent(s): PHILLIPS ORMONDE FITZPATRICK; MBM INTELLECTUAL PROPERTY LAW LLP; KREMER VERONIQUE MARIE JOSEPHINE; SNODIN MICHAEL D; DE ELZABURU ALBERTO; REINHOLD COHN AND PARTNERS; NAGAI HIROSHI; THE PROCTER AND GAMBLE COMPANY,GLOBAL LEGAL DEPARTMENT - IP; PROCTER AND GAMBLE CO GLOBAL LEGAL DEPARTMENT IP; ANDREW J; GARY J; MEGAN C; GEORGE H; THE PROCTER AND GAMBLE COMPANY; EILEEN HUGHETT L

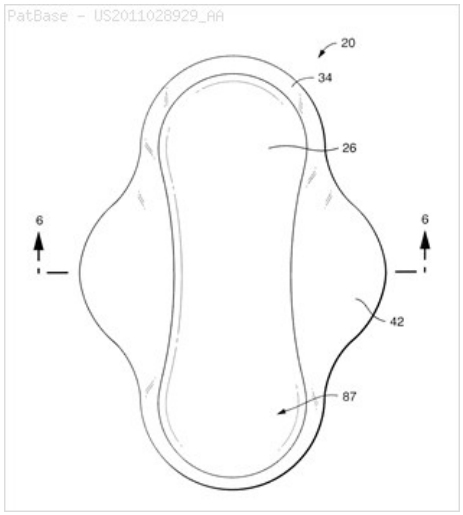
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW 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

8) Family number: 48238029 (US2011028929A)

Title: ABSORBENT PRODUCTS WITH BENEFICIAL INDICIA

Abstract: Source: US2011028929A A system for visually identifying the performance level of feminine care pads comprises a first feminine care pad and a second feminine care pad, each having a body-facing surface, a garment-facing surface, and a printed pattern that is visible to a user on at least one of the body-facing surface or the garment-facing surface. The first feminine care pad and the second feminine care pad are related. The second feminine care pad has a higher absorbent capacity level than the first feminine care pad. In addition, the total printed surface area of the printed pattern of the second feminine care pad is greater than the total printed surface area of the printed pattern of the first feminine care pad.

Classifications:
International (IPC 8-9): A61F13/15 A61F13/45 A61F13/472 A61F13/475 A61F13/511 A61F13/512 A61F13/53 (Advanced/Invention)
CPC: A61F13/5514 A61F13/51496 A61F13/51394 A61F13/84
European: A61F13/513L A61F13/514D A61F13/84
US: 604/383 604/383P 604/385.02 604/385.020S 604/385.03 604/385.030S



Family:

Publication number	Publication date	Application number	Application date
US2011028929 AA	20110203	US20090645975	20091223
WO11015956 A2	20110210	WO2010IB52999	20100630
WO11015956 A3	20110630	WO2010IB52999	20100630

Priority:
US20090230915P 20090803 US20090645975 20091223

Probable Assignee: KIMBERLY CLARK WORLDWIDE INC

Assignee(s): (std): BOLAND KATIE ANN ; HOPKINS HEIDI BAUERLEIN ; KIMBERLY CLARK CO ; LOYD ADRIENNE RAE ; SULLIVAN SUZANNE K

Assignee(s): KIMBERLY CLARK WORLDWIDE INC

Inventor(s): (std): BOLAND KATIE ANN ; HOPKINS HEIDI BAUERLEIN ; LOYD ADRIENNE RAE ; SULLIVAN SUZANNE K

Agent(s): KIMBERLY CLARK WORLDWIDE INC TARA POHLKOTTE; ARTEMAN DAVID J ET AL

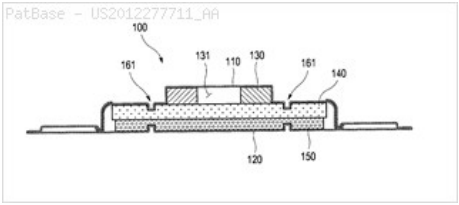
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ 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: 48843045 (US2012277711A)

Title: ABSORBENT ARTICLE WITH ANNULAR ABSORBENT MEMBER

Abstract: Source: US2012277711A An absorbent article with an annular absorbent member. The absorbent article has a liquid-permeable top sheet, a liquid-impermeable back sheet, an annular absorbent member and a second absorbent member. The annular absorbent member is disposed between the top sheet and the back sheet. The annular absorbent member absorbs and retains a liquid passing through the top sheet. The annular absorbent member defines an aperture in a central portion thereof. The second absorbent member is disposed between the annular absorbent member and the back sheet. The second absorbent member has a visible area aligned with a position of the aperture of the annular absorbent member.

Classifications:
International (IPC 8-9): A61F13/47 A61F13/472 A61F13/475 A61F13/494 A61F13/53 A61F13/535 A61F13/536 A61F13/537 A61L15/20 (Advanced/Invention); A61F13/494 (Core/Non-invention)
International (IPC 1-7): A61F13/472 A61F13/53
CPC: A61F2013/530445 A61F2013/8497 A61F13/535 A61F13/4756 A61F13/536 A61F13/472 A61F13/5376
European: A61F13/475A3 A61F13/535 A61F13/536
US: 604/374 604/378 604/383



Family:

Publication number	Publication date	Application number	Application date
AR078834 AA	20111207	AR2010P104000	20101029
AU2010313991 AA	20110505	AU20100313991	20101029
AU2010313991 BB	20150521	AU20100313991	20101029
AU2015101111 AD	20150924	AU20150101111	20150814
CN102596139 A	20120718	CN201080049195	20101029
CN102596139 B	20150819	CN201080049195	20101029
GB201208436 A0	20120627	GB20120008436	20101029
GB2487173 A1	20120711	GB20120008436	20101029
GB2487173 B2	20140101	GB20120008436	20101029
KR20110047663 A	20110509	KR20090104382	20091030
MX2012004828 A1	20120529	MX20120004828	20120425
MX2012004828 A1	20120529	MX20120004828	20101029
RU2012122005 A	20131210	RU20120122005	20101029
RU2555661 C2	20150710	RU20120122005	20101029
TW201127352 A	20110816	TW20100136663	20101027
US2012277711 AA	20121101	US20100504948	20101029
US9066837 BB	20150630	US20100504948	20101029
WO11053044 A2	20110505	WO2010KR07528	20101029
WO11053044 A3	20111020	WO2010KR07528	20101029

Priority:

KR20090104382 20091030 WO2010KR07528 20101029 AU20100313991 20101029 AU20150101111 20150814

Probable Assignee: YUHAN KIMBERLY LTD

Assignee(s): (std): JUKHAN KIMBERLI LTD ; KANG EUN JUNG ; KIM HYONG BOM ; KIMBERLY CLARK CO ; ROH SEONG DAE ; YUHAN KIMBERLY LTD ; PARK HYUNG WOO

Assignee(s): KIMBERLY CLARK WORLDWIDE INC ; YUHAN KIMBERLY LIMITED

Inventor(s): (std): BOM KIM HYONG ; DAE ROH SEONG ; JUNG KANG EUN ; KANG EUN DZHUNG ; KANG EUN JUNG ; KIM HYONG BOM ; KIM HYUNG BOM ; KIM KHIONG BOM ; PARK HYUNG WOO ; PARK KHIJUNG VU ; ROH SEONG DAE ; ROKH SEONG DAEH ; WOO PARK HYUNG

Inventor(s): SEONG DAE ROH ; EUN JUNG KANG ; HYONG BOM KIM ; HYUNG WOO PARK

Agent(s): SPRUSON AND FERGUSON; DORITY AND MANNING PA; CHANG SOO KIL ET AL

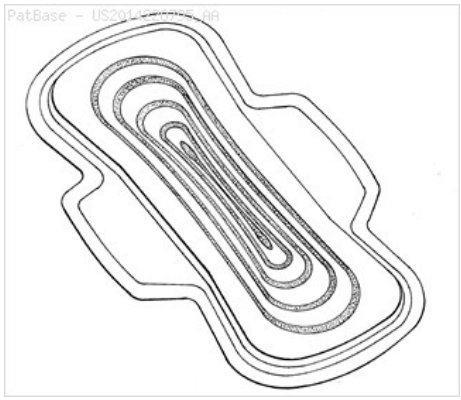
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA 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

10) Family number: 52350749 (US2014228795A)

Title: ARTICLE INCLUDING VISUAL SIGNAL FOR COMMUNICATION OF DEPTH PERCEPTION

Abstract: Source: US2014228795A The present invention generally relates to an absorbent article including a plurality of non-colored portions and a plurality of colored portions having a single color, the plurality of non-colored portions and colored portions cooperating to create a perception of depth by a user viewing a top surface of the absorbent article.

Classifications:
International (IPC 8-9): A61F13/15 A61F13/20 A61F13/47 A61F13/84 (Advanced/Invention)
CPC: A61F13/8405 A61F2013/15243 A61F13/84 A61F13/47 A61F13/51394 A61F2013/8497
US: 604/385.01



Family:

Publication number	Publication date	Application number	Application date
AU2012253993 AA	20121115	AU20120253993	20120501
CA2835198 AA	20131105	CA20122835198	20120501
CN102764181 A	20121107	CN201110125981	20110506
CO6801709 A2	20131129	CO20130262358	20131106
EP2704675 A1	20140312	EP20120782233	20120501
EP2704675 A4	20141126	EP20120782233	20120501
IN09171DN2013 A	20141219	IN2013DN09171	20131024
RU2013154120 A	20150620	RU20130154120	20120501
US2014228795 AA	20140814	US20120819760	20120501
WO12154444 A1	20121115	WO2012US35938	20120501

Priority:

CN201110125981 20110506 WO2012US35938 20120501

Probable Assignee: MCNEIL PPC INC

Assignee(s): (std)**:** MARCELO ANA MARIA ELENA ; MCNEIL PPC INC ; SHAOJUN MEI ; MCNEIL PPC INC MCNEIL PPC INC ; BUHAN XU ; CASTANARES KAREN GRACE B ; MEI SHAOJUN

Assignee(s): JOHNSON AND JOHNSON CONSUMER INC ; MCNEIL PPC INC199 GRANDVIEW ROADSKILLMANNJ08558US

Inventor(s): (std)**:** BUHAN XU ; CASTANARES KAREN GRACE B ; CASTANARES KAREN GRACE B CASTANARES KAREN GRACE B ; CASTANETLENS K G B ; MARCELO A M E R ; MARCELO ANA MARIA ELENA ; MARCELO ANA MARIA ELENA MARCELO ANA MARIA ELENA ; MEI SHAOJUN ; SHAOJUN MEI ; SHAOJUN MEI SHAOJUN MEI

Inventor(s): SHAOJUN MEICN ; XU BUHAN ; MARCELO ANA MARIA ELENASG ; K G B CASTANETLENS ; KAREN GRACE B CASTANARES ; KGBCASTANETLENS ; CASTANARES KAREN GRACE BCN ; A M E R MARCELO ; AMERMARCELO ; ANA MARIA ELENA MARCELO

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; SMART AND BIGGAR; SILVANA MARIA LOPEZ DIAZ; CARPMAELS AND RANSFORD LLP; JOHNSON PHILIP S ET AL

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 KR 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 PE PG PH PL PT QA RO RS RU RW 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