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ESCOBAR - URIBE ASOCIADOS

A B O G A D O S

Carrera 11A No. 94-76 Of. 305 - P.O. Box 94948, Bogotá, Colombia, S.A.
Tels.: (571) 6162051 - 6162061 - 6161839 - 6
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SUPERINDUSTRIA Y COMERCIO

Radicación : 02027424 00000002

Folios: 50

Fecha (AMD): 2002-04-30 16:59:51

Trámite : 002 PATENTES D 1 REGISTRO/ 444 RESPUESTA

Dependencia: 2020 DIVISION DE NUEVAS CREACIONES

2465/P

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO
DIVISION DE NUEVAS CREACIONES

E. S. D.

Ref.: Expediente No. 02.027.424
Solicitud de Patente a nombre de
McNeil-PPC, Inc.

Y , JIMENA ESCOBAR URIBE, identificada como aparece al pie de mi firma, domiciliada en la Carrera 11 A No. 94-76, of. 305-306, obrando como apoderada de la sociedad McNeil-PPC, Inc, domiciliada en Skillman, New Jersey, Estados Unidos de América, solicitante de la patente de la referencia, en respuesta su actuación No. 430 notificada por fijación en lista el día 18 de abril de 2002, me permito manifestar lo siguiente:

1. Acompaño al presente memorial los artes finales en tamaño 12 x 12 centímetros (por duplicado) de la figura característica.
2. Anexo el documento de cesión suscrito por los inventores a favor de mi mandante.

De conformidad con las normas legales vigentes, artículo 1 de la Resolución 210 de 2001, expedida por el Superintendente de Industria y Comercio y artículo 2 de la Convención de la Haya, los documentos en inglés que se pretendan aportar como parte de los trámites de propiedad industrial ante la Superintendencia de Industria y Comercio no requieren traducción. Por otro lado, la legalización consular y/o diplomática de los documentos expedidos en el extranjero no es necesaria. Por lo tanto, el documento de cesión anexo a este memorial es válidamente presentado en idioma inglés y con la correspondiente Apostilla.

3. Acompaño al presente memorial la copia certificada de la solicitud de Patente No. 09/823,144 presentada en los Estados Unidos de

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América el día 30 de marzo de 2001, con la debida traducción de lo pertinente, incluyendo el capítulo reivindicatorio.

Espero con esto haber dado cabal cumplimiento a lo solicitado por ese despacho y de conformidad con lo indicado en los artículos 3º., inciso 3, 35 inciso 2 y 59 inciso 2 del CCA, al analizar este memorial, atentamente solicito se traten todas las cuestiones planteadas con motivo del mismo.

Señor Superintendente,


JIMENA ESCOBAR URIBE
C.C.39.779.452 de usaquén
T.P. 68228
Cód. 5376

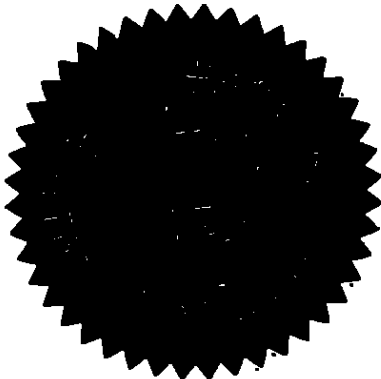
APOSTILLE

(CONVENTION DE LA HAYE DU 5 OCTOBRE 1961)

1. COUNTRY: UNITED STATES OF AMERICA
2. THIS PUBLIC DOCUMENT HAS BEEN SIGNED BY:
CHRISTINA A CLICKNER
3. ACTING IN THE CAPACITY OF:
NOTARY PUBLIC OF NEW JERSEY
4. BEARS THE SEAL/STAMP OF:
CHRISTINA A CLICKNER, NOTARY

CERTIFIED

5. AT TRENTON, NEW JERSEY
6. THE 15TH DAY OF APRIL 2002
7. BY: John E McCormac, CPA, NEW JERSEY TREASURER
8. NO. A149455
9. SEAL/STAMP:
10. SIGNATURE



John E McCormac

CERTIFICATION

I hereby certify that I have compared the attached document with the original, and that such said document is a true copy of the original Assignment document as filed and recorded in the U.S. Patent Office in connection with USSN 09/823,144 filed MARCH 30, 2001.



Christina A. Clickner
(Notary Public of New Jersey)
My Commission Expires:
March 2, 2005



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JULY 03, 2001

PTAS

JOHNSON & JOHNSON, ESQ
TIMOTHY E. TRACY
CHIEF PATENT COUNSEL
ONE JOHNSON & JOHNSON PLAZA
NEW BRUNSWICK, NJ 08933-7003

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700006113A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/29/2001

REEL/FRAME: 011709/0617

NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GARROD, CHARISTOPHER T.

DOC DATE: 06/07/2001

ASSIGNOR:

HAARER, JUTTA S.

DOC DATE: 06/25/2001

ASSIGNOR:

MOSCHEROSCH, H. MICHAEL

DOC DATE: 06/25/2001

ASSIGNEE:

MCNEIL-PPC, INC.
GRANDVIEW ROAD
SKILLMAN, NEW JERSEY 08558

SERIAL NUMBER: 09823144

FILING DATE: 03/30/2001

PATENT NUMBER:

ISSUE DATE:

011709/0617 PAGE 2

JEFFREY OLSEN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

JUL 05 '01 09:40

OPR/ASSIGNMENTS

PAGE 03

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06/29/2001
700006113
RECORDATION FORM COVER SHEET
PATENTS ONLY

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Commissioner of Patent and Trademark

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Christopher T. Garrod Justin S. Haerter H. Michael Moncheresch Additional name(s) of conveying party(ies) attached? _ Yes ☒ No		2. Name and address of receiving party(ies): Name: McNeil-PPC, Inc. Street Address: Grandview Road City: Skillman State: NJ Zip: 08558, USA Additional name(s) & address(es) attached? _ Yes ☒ No	
3. Nature of conveyance: ☒ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other _____ Execution Date: June 7, 2001 and June 25, 2001			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 09/E23,144 Additional numbers attached? _ Yes ☒ No			
5. Name and address of party to whom correspondence concerning document should be mailed: Philip S. Johnson, Esq. Chief Patent Counsel Johnson & Johnson One Johnson & Johnson Plaza New Brunswick, NJ 08933-7003		6. Total number of applications & patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) _____ \$40.00 ☒ Anticipated to be charged to Deposit Account 8. Deposit Account Number: 10-0730/PPC-780/TT	
9. Statement and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. _____ Name of Person Signing _____ Signature _____ Date Total number of pages including cover sheet, attachments, and document: 5			

Mail documents to be recorded with required cover sheet information to:

Box Assignments
Commissioner of Patent and Trademark
Washington, D.C. 20231

A S S I G N M E N T

Serial No. 09/823,144
Filed March 30, 2001

WHEREAS, Christopher T. Garrod, Jutta S. Haarer, and H. Michael Moscherosch, residing at 55 Meadow Drive, Middletown, DE 19709; 3 Heritage Boulevard, Princeton, NJ 08540; and 106 East Oakland Avenue, Doylestown, PA 19801; respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

ABSORBENT ARTICLE WITH REMOVABLE WINGS

for which they have executed an application for Letters Patent of the United States Patent and Trademark Office; and

WHEREAS, McNeil-PPC, Inc., a corporation of the State of New Jersey, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations to them moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

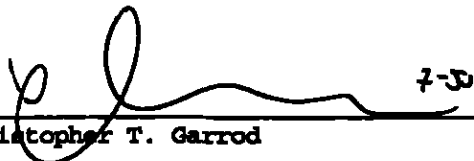
And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above

described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this ~~Seventh~~ day of June, 2001



Christopher T. Garrod (L.S.) 7-JUNE-2001

STATE OF)
) ss.
COUNTY OF)

BE IT REMEMBERED, That on this ~~Seventh~~ day of June, 2001, before me, a Notary Public, personally appeared Christopher T. Garrod, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.



Notary Public

ROBERT T. JORGENSEN
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 2/14/2011

Sworn to and subscribed
before me this
7 day of June, 2001

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IN TESTIMONY WHEREOF, Assignor has hereunto set her hand and seal this 25th day of June, 2001

Jutta S. Haarer (L.S.)
Jutta S. Haarer

STATE OF ~~New Jersey~~) ss.
COUNTY OF ~~Somerset~~)

BE IT REMEMBERED, That on this 25th day of June, 2001, before me, a Notary Public, personally appeared Jutta S. Haarer, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to her the contents thereof, she did acknowledge that she signed, sealed, and delivered the same as her voluntary act and deed for the uses and purposes therein expressed.

Martha K. Taylor
Notary Public

MARTHA K. TAYLOR
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES AUG. 1, 2005

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 23rd day of June, 2001

SA
54

H. Michael Moscherosch (L.S.)
H. Michael Moscherosch

STATE OF ~~New Jersey~~)

) ss.

COUNTY OF ~~Jersey~~)

BE IT REMEMBERED, That on this 23rd day of June, 2001, before me, a Notary Public, personally appeared H. Michael Moscherosch, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Martha K. Taylor
Notary Public

MARTHA K. TAYLOR
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES AUG. 1, 2008

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**ESTADOS UNIDOS DE AMERICA
A TODOS AQUELLOS A QUIENES EL PRESENTE
LLEGUE:**

**DEPARTAMENTO DE COMERCIO DE LOS ESTADOS
UNIDOS
Oficina de Patentes y Marcas de los Estados Unidos**

Abril 25, 2002

La presente es para certificar que el anexo es una copia fiel de los registros de la Oficina de Patentes y Marcas de los Estados Unidos, de los documentos de la solicitud de patente identificada más adelante, que cumplieron con los requerimientos para concederse una fecha de presentación de acuerdo con 35 USC 111.

Número de Solicitud: 09/823,144

Fecha de Presentación: Marzo 30, 2001

Por la autoridad del
Comisionado de Patentes y Marca

(fdo) M. K. HAWKINS
Oficial Certificador
Sello oficial de la Oficina de Patentes y Marcas de los
Estados Unidos de América

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REIVINDICACIONES

1. Un forro de pantaleta que comprende: a) una silueta que comprende (i) una primera porción que tiene un ancho máximo, (ii) una segunda porción que tiene un ancho máximo, en que la segunda porción está en relación opuesta a la primera porción y el ancho máximo de la primera porción es mayor que el ancho máximo de la segunda porción, y (iii) un primer borde que se extiende longitudinalmente y un segundo borde que se extiende longitudinalmente en relación opuesta entre la primera porción y la segunda porción; b) una porción estratificada que comprende 1) una cubierta, 2) un núcleo absorbente, y 3) una hoja trasera respirable; c) por lo menos una ala que se extiende lateralmente del primer borde que se extiende longitudinalmente o el segundo borde que se extiende longitudinalmente; y d) una perforación entre el ala y el borde que se extiende longitudinalmente para desprender el ala.
2. El forro de pantaleta de conformidad con la reivindicación 1, caracterizado además porque la perforación está formada por un miembro seleccionado del grupo que consiste en corte con navaja, corte ultrasónico, relieve y sellado.
3. El forro de pantaleta de conformidad con la reivindicación 1, caracterizado además porque el núcleo absorbente comprende material absorbente seleccionado del grupo que consiste en fibras de pulpa, fibras de dos componentes, fibras de poliéster y polímeros superabsorbentes.
4. El forro de pantaleta de conformidad con la reivindicación 1, caracterizado además porque comprende adicionalmente una capa de transferencia.
5. Una ala de fijación para asegurar un forro de pantaleta con cintas a una prenda de vestir, comprendiendo el ala de fijación una cara superior, comprendiendo la cara superior una cubierta y un medio de fijación del artículo absorbente para asegurar el ala de fijación al forro de pantaleta, y una cara inferior, comprendiendo la cara inferior un medio de fijación de prenda de vestir que asegura el ala de fijación a la prenda de vestir, en que el forro de pantaleta con cintas comprende: A. una silueta que comprende (i) una primera porción que tiene un ancho máximo, (ii) una segunda porción que tiene un ancho máximo, en que la segunda porción está en relación opuesta a la primera porción y el ancho máximo de la primera porción es mayor que el ancho máximo de la segunda porción, y (iii) un primer borde que se extiende longitudinalmente y un segundo

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borde que se extiende longitudinalmente que están en relación opuesta entre la primera porción y la segunda porción; y B. una porción estratificada que comprende (i) una cubierta, (ii) un núcleo absorbente, y (iii) una hoja trasera respirable.

6. El ala de fijación de conformidad con la reivindicación 5, caracterizada además porque el ala de fijación está suministrada como un rollo.
7. El ala de fijación de conformidad con la reivindicación 5, caracterizada además porque el artículo absorbente comprende adicionalmente una capa de transferencia.
8. El ala de fijación de conformidad con la reivindicación 5, caracterizada además porque el núcleo absorbente comprende material absorbente seleccionado del grupo que consta de fibras de pulpa, fibras de dos componentes, fibras de poliéster y polímeros superabsorbentes.
9. Un equipo para artículo absorbente, comprendiendo el equipo: A. un forro de pantaleta que comprende: (i) una silueta que comprende: (a) una primera porción que tiene un ancho máximo, (b) una segunda porción que tiene un ancho máximo, en que la segunda porción está en relación opuesta a la primera porción y el ancho máximo de la primera porción es mayor que el ancho máximo de la segunda porción, y (c) un primer borde que se extiende longitudinalmente y un segundo borde que se extiende longitudinalmente que están en relación opuesta entre la primera porción y la segunda porción; (ii) una porción estratificada que comprende (a) una cubierta, (b) un núcleo absorbente, y (c) una hoja trasera respirable; y B. por lo menos una ala de fijación que comprende una cubierta y una hoja trasera respirable.
10. El equipo de conformidad con la reivindicación 9, caracterizado además porque el ala de fijación está suministrada de un rollo.
11. El equipo de conformidad con la reivindicación 9, caracterizado además porque el núcleo absorbente comprende material absorbente seleccionado del grupo que consta de fibras de pulpa, fibras de dos componentes, fibras de poliéster y polímeros superabsorbentes.
12. El equipo de conformidad con la reivindicación 9, caracterizado además porque el artículo absorbente comprende adicionalmente una capa de transferencia.

2469/p. 38

PA 805403

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

April 25, 2002

THIS IS TO CERTIFY THAT ANNEXED HERETO IS A TRUE COPY FROM THE RECORDS OF THE UNITED STATES PATENT AND TRADEMARK OFFICE OF THOSE PAPERS OF THE BELOW IDENTIFIED PATENT APPLICATION THAT MET THE REQUIREMENTS TO BE GRANTED A FILING DATE UNDER 35 USC 111.

APPLICATION NUMBER: 09/823,144

FILING DATE: March 30, 2001

**By Authority of the
COMMISSIONER OF PATENTS AND TRADEMARKS**



M. K. Hawkins

**M. K. HAWKINS
Certifying Officer**

Please type a plus sign (+) inside this box ☐

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(only for new nonprovisional applications under 37 CFR 1.633(d))

Attorney Docket No.

PPC-780

First Inventor

GARRAD et al.

Title

ABSORBENT ARTICLE WITH REMOVABLE WINGS

Express Mail Label No.

EL327284021US

APPLICATION ELEMENTS

See MPEP Chapter 800 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
3. ☒ Specification [Total Pages 17]
(Preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R&D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC 113) [Total Sheets 11]
5. Oath or Declaration [Total Pages 3]
 - a. ☒ Newly unexecuted (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.633(d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

18. ☐ If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-Part (CIP) of prior application No.: , filed

Prior application information: Examiner Group Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label 000027777 or ☐ Correspondence Address below

Name: Philip S. Johnson, Esq.

Address: Johnson & Johnson
One Johnson & Johnson Plaza
New Brunswick, NJ 08933-7003 USA

20. TELEPHONE CONTACT

Please direct all telephone calls or telefaxes to Timothy E. Tracy at:

Telephone: (732) 524-8588 Fax: (732) 524-2808

21. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

NAME Timothy E. Tracy Reg. No. 39,401

SIGNATURE

Timothy E. Tracy

DATE

March 30, 2001

ADDRESS TO:

Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

a. ☐ Computer Readable Form (CRF)

b. ☐ Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); or

ii. ☐ paper

c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))

10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)

11. ☐ English Translation Document (if applicable)

12. ☐ Information Disclosure Statement

(IDS)/PTO-1449 ☐ Copies of IDS Citations

13. ☐ Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. ☐ Request and Certifications under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form
PTO/SB/35 or its equivalent.

17. ☒ Other: Express Mail Certificate #EL327284021US

11033 U.S. PRO
09/023144

03/30/01

03/30/01

09823144-033001

24-02-01

A. 39
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FEE TRANSMITTAL	<i>Complete if Known</i>	
	Application Number	
	Filing Date	March 30, 2001
	First Named Inventor	GARRAD et al.
	Group Art Unit	
	Examiner Name	
	Attorney Docket Number	PPC-780

FEE CALCULATION

CLAIMS AS FILED

(1)	(2)	(3)	(4)	(5)
FOR:	NUMBER FILED	NUMBER EXTRA	RATE	BASIC FEE \$710.00
TOTAL CLAIMS	12 - 20 =	0	x 18.00	\$ 0.00
INDEPENDENT CLAIMS	3 - 3 =	0	x 80.00	\$ 0.00
MULTIPLE DEPENDENT CLAIMS	☐	N/A	\$270.00	
			TOTAL FEES	\$ 710.00

METHOD OF PAYMENT

- ☒ Please charge Deposit Account No. 10-0750/PPC-780/TT in the amount of \$710.00. Three copies of this sheet are enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the filing of this communication, or credit any overpayment, to Account No. 10-0750/PPC-780/TT. Three copies of this sheet are enclosed.

SUBMITTED BY:		<i>Complete (if applicable)</i>	
Typed or Printed Name	Timothy E. Tracy	Reg. No. 39,401	
Signature		Date: 3/30/2001	Deposit Account No. 10-0750

09823144-033001

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DOCKET NO. PPC-780

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Applicant: Christopher Garrad, Jutta S. Haarer, and H. Michael Moscherosch

For : ABSORBENT ARTICLE WITH REMOVABLE WINGS

Express Mail Certificate

"Express Mail" mailing number: EL327264021US

Date of Deposit: March 30, 2001

I hereby certify that this complete application, including specification pages, claims, abstract, informal drawings, and unexecuted declaration and power of attorney is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Martin A. Rizzi, Jr.

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

00000-441E2860

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**ABSORBENT ARTICLE
WITH REMOVABLE WINGS**

Field of the Invention

5 The invention relates to an absorbent article for use with garments that includes at least one removable wing extending laterally outward from a longitudinal edge of the absorbent article.

Background of the Invention

10 Recently, the popularity of thong garments have increased, giving rise to the development of absorbent articles specifically for use with such garments.

15 However, thong garments present unique requirements for an absorbent article. As used herein, the term thong garment includes, but is not limited to, thong underwear, thong swimming suit bottom, G-strings, Rio cut underwear, Rio-cut swimming suit bottom, Brazilian cut underwear, Brazilian cut swimming suit bottom, and any other garment that exposes the buttocks, having a narrow strip of fabric or a cord that passes between the thighs supported by a waistband, a waist cord, belt or the garment itself.

20 U.S. Patent No. 5,713,886 to Sturino discloses a sanitary napkin or pantiliner for use with thong garments. The disclosed article includes an absorbent core with first and second end portions each having opposed sides that extend longitudinally from the ends. The opposed sides of the second portion flare continuously from the sides of the first portion so that the second portion has, at all points along its length, a transverse width greater than that of the first portion. The disclosed pantiliner has wings located both on the first end portion and the second end portion.

25 U.S. Patent No. Dea. 394,503 and UK Design Registration No. 2076491 both to Perrini relate to designs for thong pantliners having overall shapes similar to a light bulb with side wings extending from the narrow portions of the pantliners. In each design, the side wings are located on the narrow portion of the pantiliner adjacent to where the narrow portion joins the wider portion of the pantiliner.

30 Similarly, UK Design Registration No. 2087071 also to Perrini discloses a thong pantiliner having a more gradual change in width along its length, also with

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side wings. In this case, side wings are located roughly in the middle of the pantiliner.

International Publication No. WO 00/72790 A1 to SCA Hygiene Products AB discloses an absorbent article wherein the fastening tabs, e.g., wings or flaps, are formed from separate pieces of material. The fastening tabs and the edge portion of the article were described as being attached to each other within the coinciding edge portion. In particular, to hold the absorbent article in place in the thong garment, it was posited that it was important for the fastening tabs to be secured either to each or the thong garment by providing the fastening tabs with some form of fastening arrangement, for example, adhesive, hook and loop, snap fasteners, and friction-type fasteners. The application describes a desire to have no direct connection between the cover or the absorption body of the article and the fastening tabs to form a leakage barrier.

The above pantliners and absorbent articles do not facilitate increased discretion for wearers. In particular, a wearer may not wish to use wings on certain occasions because of their visibility. However, removing wings from the above pantliners and absorbent articles is difficult and not practicable. Thus, there is a need for an absorbent article for thong garments having removable wings.

U.S Patent No. 5,683,373 to Darby discloses a sanitary napkin for use with thong garments. However, because the above sanitary napkin does not include wings, the sanitary napkin during use is not as secure as may sometimes be required. Therefore, there is a need to attach wings to such a napkin or pantyliner should a wearer desire more secure attachment.

Applicants have surprisingly discovered a highly useful absorbent article for garments and thong garments having at least one removable wing. Such an absorbent article provides a wearer with at least one wing attached to the absorbent article or the wearer may optionally detach some or all the wings. In another embodiment of the present invention, wings may be added by the wearer to the absorbent article to provide additional protection against movement of the pantiliner. Thus, the present invention allows a wearer to individually decide whether to use

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from zero to three or more wings to secure the absorbent article of the present invention to thong garments.

Summary of the Invention

5 The present invention is directed to an absorbent article with a silhouette having a first portion, a second portion, wherein the second portion being in opposite relation to the first portion, and a first longitudinally extending edge and a second longitudinally extending edge being in opposed relationship between the first portion to the second portion; a layered portion including an absorbent core and a backsheet; at least one wing laterally extending from the first longitudinally
10 extending edge or the second longitudinally extending edge; and means for removing the wing from the longitudinally extending edge.

The present invention is also directed to an absorbent article with a silhouette having a first portion having a maximum width, a second portion having a maximum width, wherein the second portion being in opposite relation to the first portion and the maximum width of the first portion is greater than the maximum width of the second portion, and a first longitudinally extending edge and a second longitudinally
15 extending edge being in opposed relationship between the first portion to the second portion; a layered portion including an absorbent core and a backsheet; at least one wing laterally extending from the first longitudinally extending edge or the second longitudinally extending edge; and means for removing the wing from the
20 longitudinally extending edge.

Alternatively, an attachment wing for securing an absorbent article to a garment with an upper surface including an absorbent article attachment for securing the attachment wing to the absorbent article and a lower surface comprising a
25 garment attachment means securing the attachment wing to the garment.

Additionally, a kit is provided having an absorbent article and at least one attachment wing for securing the absorbent article to a garment.

Brief Description of the Drawings

30 Figures 1-3 are plan views of absorbent articles according to the present invention having various wings;

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Figure 4 is a plan view of a absorbent article according to the present invention having staggered, or non-symmetrical wings;

Figure 5 is a plan view of a absorbent article according to the present invention having wings extending continuously around the posterior end of the pantiliner;

Figure 6 is a plan view of a absorbent article according to the present invention in which the wings are of an irregular shape;

Figure 7 is a plan view of a absorbent according to the present invention in which the midsection is biconcave in shape;

Figure 8 is a plan view of a absorbent according to the present invention in which the first portion is round and the midsection is of a uniform width;

Figure 9 is a plan view of a absorbent article of the present invention with wings showing perforation lines; and

Detailed Description of the Invention

In one embodiment of the present invention, the absorbent article has a silhouette having a first portion, a second portion, wherein the second portion being in opposite relation to the first portion, and a first longitudinally extending edge and a second longitudinally extending edge being in opposed relationship between the first portion to the second portion; a layered portion including an absorbent core and a backsheet; at least one wing laterally extending from the first longitudinally extending edge or the second longitudinally extending edge; and means for removing the wing from the longitudinally extending edge.

In an alternate embodiment of the present invention, the absorbent article has a silhouette having a first portion having a maximum width and a second portion having a maximum width, wherein the second portion being in opposite relation to the first portion and the maximum width of the first portion is greater than the maximum width of the second portion, and a first longitudinally extending edge and a second longitudinally extending edge being in opposed relationship between the first portion to the second portion. The absorbent article of this embodiment of the present invention also has a layered portion with an absorbent core and a garment-

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facing backsheet, at least one wing laterally extending from the first longitudinally extending edge or the second longitudinally extending edge, and a means for removing the wing from the longitudinally extending edge.

5 The absorbent core or layer of the present invention may contain any known absorbent materials including, but not limited to, absorbent fibers; such as cellulose fibers, e.g., wood pulp, regenerated cellulose fibers, and cotton fibers, rayon fibers, superabsorbent polymers, e.g., fibers or particles, other naturally occurring absorbent materials, e.g., peat moss, and other synthetic absorbent materials, such as foams and the like. The absorbent layer may also include one or more of the
10 following: thermoplastic binder fibers, latex binder, perfumes, or odor-controlling compounds. The absorbent layer may be compressed or uncompressed, embossed, or calendered.

15 The backsheet of the present invention is a body fluid impervious material, typically referred to as a "barrier," at least substantially impermeable to liquids, and its exterior forms the garment-facing surface of the absorbent article. The backsheet may be any thin, flexible, body fluid impermeable material, such as a polymeric film, e.g., polyethylene, polypropylene, or cellophane, or a normally fluid pervious material that has been treated to be impervious, such as impregnated fluid repellent paper or non-woven material, including non-woven fabric material, or a flexible
20 foam, such as polyurethane or cross-linked polyethylene. The thickness of the backsheet when formed from a polymeric film typically is about 0.001 to about 0.002 inch (about 0.00254 to about 0.00508 cm).

Optionally, the backsheet may be breathable, i.e., permits vapor to transpire. Known materials for this purpose include nonwoven materials and microporous
25 films in which microporosity is created by, inter alia, stretching an oriented film. Single or multiple layers of permeable films, fabrics, melt-blown materials, and combinations thereof that provide a tortuous path, and/or whose surface characteristics provide a liquid surface repellent to the penetration of liquids may also be used to provide a breathable backsheet.

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Wings, also called, among other things, flaps or tabs, and their use in sanitary protection articles is described in U.S. Patent No. 4,687,478 to Van Tilburg; U.S. Patent No. 4,589,876 also to Van Tilburg, U.S. Patent No. 4,900,320 to McCoy, and U.S. Patent No. 4,608,047 to Mattingly. The disclosures of these patents are incorporated herein by reference in their entirety. As disclosed in the above documents, wings are generally speaking flexible and configured to be folded over the edges of the underwear so that the wings are disposed between the edges of the underwear.

The shape of the wings may be varied. The wings may be rounded, rectangular, square, curvilinear, etc. Examples of wings with different shapes are shown in Figures 1-8. The wings may be regular or irregular, symmetric or asymmetric in shape.

In Figures 1-8, perforation line 25 is depicted as the method of attachment/detachment for removable wings 9, 9a and 9b. However, removable wings of the present invention may be attached to longitudinal edges 10 or 11 of the absorbent article by adhesive, snap, button, hook and loop, staple, stitched, emboss, crimp, friction, and perforation.

As used herein, the term perforation is intended to mean a line of cuts, scores, embossing, and the like. The choice of perforating methods is dependent on the materials and amount of cut required. Commonly used methods include knife cutting, ultrasonic cutting, embossing, and sealing. A partially cutting knife will produce clean cuts through materials with parts of the perforation line not cut. For a sealing or embossing tool, the material would be crushed or fractured along the perforation line to form a stress concentrated area that tears easily away. This would be through the whole construction or through the non-paper release strip.

Perforation line 25 may follow a longitudinal edge of the second portion to the second portion end. Alternatively, a single perforation line 25 may permit removal of more than one removable wing 9 as depicted in Figure 5. The actual perforation may be completely through the pantiliner material or almost all the way through, whichever makes for an easy tear. If the perforation is to be made

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completely through the pantiliner, then it is important that the cuts be made completely through the absorbent core and backsheet layers. The perforation may be done when the product is complete, with or without the paper release strip. It is not necessary to perforate the release paper, if present although the release paper may also be perforated. The perforations, however, must not compromise the strength of the wing when securing the absorbent article to a thong garment or other garment. Additionally, the perforations must be close enough together to ensure easy and clean removal of the wing. Women may prefer to leave the wings attached to the absorbent article, using the wings to further secure the absorbent article to a thong garment. At other time, women may find the extra attachment unnecessary and will remove the wings, attaching the absorbent article to a thong garment without wings. The removable wings allow women a choice of whether to utilize the extra attachment features of the absorbent article.

The design and placement of the removable wings is not critical to the invention. For example, the wings of the present invention may be an extension of the backsheet. If desired, the wings may optionally be provided with a thin layer of absorbent material. Theoretically, only a relatively small amount of discharged fluid should reach the wings, therefore, only a relatively small amount of absorbent material is needed. Such absorbent material may be the same as or different from the absorbent material used to make the absorbent core. For example, the absorbent core may simply extend into the wings. Any absorbent material present in the wings should be relatively flexible. Thus, the wings would be a laminated of the backsheet and the absorbent core.

Alternatively, if a cover is included on the absorbent article, the wings may be a laminate of extensions of the cover and backsheet, or even a laminate of extensions of the cover, absorbent core and backsheet. On the other hand, the wings need not be unitary with the absorbent article, and may be separate elements that are affixed to the absorbent article, i.e., "cut and paste" type wings.

While wings can be made from the same material as the absorbent article, other materials, such as elastic nonwoven materials or films may also be used. It is

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preferred in any case that the wings have a liquid impervious barrier sheet to prevent exudates that reach the wings from soiling the edges of the wearer's underwear.

The location of wings can be at any location along a longitudinal edge of the absorbent article of the present invention. In a preferred embodiment of the present invention, at least one removable wing is attached to the finished absorbent article, e.g., the wing is put in place during the manufacturing process. In another embodiment of the present invention, at least one wing is provided to the wearer for placement on the absorbent article wherever the wearer desires. In an additional embodiment of the present invention, removable wings 9 shown in Figure 5 are connected to each other and extend continuously around the second portion and 6 of the absorbent article. In this embodiment of the invention, the wings may be an extension of a laminate of the cover and the backsheet, as described above.

The overall dimensions of the absorbent article of the present invention are preferably as follows. The length is preferably in the range of about 5 to about 8 inches (about 12 to about 20 cm). The maximum width of the anterior portion is preferably in the range of about 2 to about 3 inches (about 5 to about 8 cm). The thickness of the absorbent article is preferably in the range of about 0.04 to about 0.2 inches (about 0.1 to about 0.5 cm).

Although not required, the absorbent article of the present invention may include a cover overlaying the absorbent core. The exterior of the cover would then form the body-facing side of the absorbent article. The cover may be formed from any fluid pervious material that is comfortable against the skin and permits fluid to penetrate to the absorbent core, which retains the fluid. The cover should retain little or no fluid to provide a relatively dry surface next the skin when in use. A variety of cover materials are known in the art, and any of these may be used. For instance, the cover may be a fibrous non-woven fabric made of fibers or filaments of polymers, such as polyethylene, polypropylene, polyester, or cellulose, and combinations thereof. Alternatively, the cover may be formed from an apertured polymeric film. The thickness of the cover may vary from about 0.001 to about 0.062 inch (about 0.0025 to about 0.016 cm), depending on the material chosen.

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Generally, the optional cover is a single sheet of material having a width sufficient to form the body-facing surface of the absorbent article. Preferably, the cover is longer and wider than the absorbent core.

Optionally, the absorbent article of the present invention may include a transfer layer. If included in the absorbent article, the transfer layer may be made of any known material that will take up fluid and then distribute and release it to an adjacent absorbent core or layer for storage. Preferred transfer layers have a relatively open structure that allows for movement of fluid within the layer. Suitable materials for such transfer layers include fibrous webs, resilient foams, and the like.

The transfer layer is able to accept fluid and allow passage of the fluid through its mass to be absorbed by an adjacent absorbent core. The mass of materials making up the transfer layer may be absorbent, although the materials themselves may not absorbent. Thus, transfer layers that are made of hydrophobic, nonabsorbent fibers may be able to accept large volumes of fluid into interfiber void spaces while the fibers themselves do not absorb any significant quantities of fluid. Likewise, open-celled foam structures that are made from nonabsorbent materials may also absorb fluid into the cells of the foam. The walls of the cells, however, do not absorb any fluid. The cumulative spaces within the transfer layer, i.e., the interfiber void spaces in the fibrous transfer layer or the open cells in the foam transfer layer, function much like a container to hold fluid.

Preferred transfer layer fibrous webs are made of resilient, nonabsorbent materials to provide void volume and to allow for free movement of fluid through the structure. Transfer layers that are made from webs of mostly absorbent fibers absorb the fluid as it enters the structure and do not distribute it throughout the rest of the structure as efficiently as webs containing non-absorbent materials.

As is customary in the art, a paper release strip, which has been coated on one side, is applied to protect adhesive that may be applied to the garment-facing side of the backsheet. The coating on the paper release strip, which may be silicone, reduces the adherency to the adhesive of the coated side of the release strip. The release strip can be formed from any suitable sheet-like material which, when

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Referring again to Figure 1, removable wings 9 extend laterally from longitudinal edge 10 and longitudinal edge 11 of the absorbent article. The number of removable wings 9 can vary from one to three or more. There is no requirement that removable wings 9 be in opposed symmetry along longitudinal edges 10 and 11.

5 See, for example, removable wings 9a and 9b of Figure 4. Such a non-symmetrical arrangement for removable wings 9a and 9b has the dual advantages of minimizing the thickness of material between the buttocks, as well as fixing a longer portion of the absorbent article more securely to the thong garment.

10 The Figures show absorbent articles according to the present invention with at least one removable wing 9 or 9a that is either near or adjacent to the second portion end 6 or includes second portion end 6 of the absorbent article. In use, removable wings 9, 9a and 9b are folded over the edge of the thong garment and, depending on their size and shape, may overlap, partially or completely, with one another in folded position.

15 Figures 4 and 8 show absorbent articles according to the present invention in which the removable wings 9 are staggered. One of the removable wings, 9a, is near to the second portion end 6 of the absorbent article. Removable wing 9b is positioned more remote from the second portion end 6. In use, removable wings 9a and 9b are folded over the edge of the thong garment, but do not overlap one another.

20 Figures 9a-c illustrate an alternate embodiment of the invention. In this embodiment, wearers wishing to have more secure attachment of an absorbent article would affix at least one attachment wing 19 to the absorbent article. As shown in Figure 9a, attachment wing 19 is a separate piece from the absorbent article. Attachment wing 19 has upper surface 21 and lower surface 23. Outer surface of backsheet 2 and lower surface 23 of attachment wing 19 may be coated with an adhesive or other separable fasteners, such as, hook and loop, snap, button, zipper, and the like. Both surfaces 2 and 23 may be protected with a release paper strip until the time of use. After release paper has been removed from outer surface of the backsheet, upper surface 21 of attachment wing 19 is affixed into any desired

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position on the garment-facing side of the backsheet, e.g., surface 2. For example, it may be desirable to secure the attachment wing 19 adjacent to the second portion of the absorbent article, as depicted in Figure 9b. Alternatively, the desired placement of attachment wing 19 may be in closer to first portion 3. Optionally, upper surface 21 of attachment wing 19 may have adhesive applied thereon. The use of attachment wing 19 is entirely optional and may even be omitted by the wearer.

The dimensions of the attachment wing 19 depend on where it is to be located and the type of absorbent article it is being attached to. For example, in one embodiment, the closer attachment wing 19 is located to the second portion end, the smaller length 35 will be. In a preferred embodiment, length 35 is from about 2.4 to about 2.8 inches (about 60 to about 70 mm) and width 40 is from about 0.8 to about 2.4 inches (about 20 to about 60 mm). After attachment wing 19 is secured to the absorbent article, the combined absorbent article/attachment wing combination may be secured the thong garment. While Figure 9 shows attachment wing 19 as a symmetrically formed unit, attachment wing 19 may be of any non-symmetrical shape. Additionally, it is not necessary for attachment wing 19 to have rounded edges. Attachment wing 19 may also be formed from a continuous roll similar to a roll of adhesive tape. For example, the user may dispense a strip of predetermined length from a roll where one side of the material has an adhesive coating.

The absorbent article may be applied to the crotch of a thong garment by placing the garment-facing surface against the inside surface of the crotch of the thong garment. Pressure sensitive adhesive may be applied to the garment-facing surface of the pantiliner to help maintain it in place. As used herein, the term "pressure-sensitive adhesive" refers to any releasable adhesive or releasable tenacious means. Suitable pressure sensitive adhesives include for example water-based adhesives such as acrylate adhesives. Alternatively, the adhesive may comprise "hot melt" rubber adhesives or two-sided adhesive tape.

An alternative embodiment of the present invention is a kit, wherein an absorbent article is provided as a separate piece from the wing. In the kit, the wings may be provided as individual pieces, one or more strips containing one or more

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wings that can be separated from each other via a perforation line, the strips may or may not be provided in roll form.

The absorbent article may include other known materials, layers, and additives, such as, foam layers, net-like layers, perfumes, medicaments, moisturizers, odor control agents, and the like, many examples of which are known in the art. The absorbent article can optionally be embossed with decorative designs using conventional techniques.

While the preferred embodiment of the invention is a pant liner for use with a thong garment, other embodiments are also included within the scope of the present invention. For example, a removably attached wing may be used with any sanitary protection absorbent article including, but not limited to, sanitary napkin, incontinence device, and the like. Similarly, attachment wings may be added to any sanitary protection product, such as pant liners, sanitary napkins, incontinence devices, and the like, with pant liners being preferred, to aid in securing the absorbent article in place. Other embodiments contemplated herein include symmetrical absorbent articles having parallel longitudinal edges, dog bone- or peanut-shaped, and the like, including conventional pant liners, sanitary napkins, incontinence devices.

From the foregoing description, one skilled in the art can ascertain the essential characteristics of this invention, and without departing from the spirit and scope thereof, can make various changes and modifications. Preferred embodiments set forth by way of illustration are not intended as limitations on the variations possible in practicing the present invention.

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We claim:

1. A pantiliner comprising:

(a) a silhouette comprising

(i) a first portion having a maximum width,

(ii) a second portion having a maximum width, wherein the second portion being in opposite relation to the first portion and the maximum width of the first portion is greater than the maximum width of the second portion, and

(iii) a first longitudinally extending edge and a second longitudinally extending edge being in opposed relationship between the first portion to the second portion;

(b) a layered portion comprising

1) a cover,

2) an absorbent core, and

3) a breathable backsheet;

(c) at least one wing laterally extending from the first longitudinally extending edge or the second longitudinally extending edge; and

(d) a perforation between the wing and the longitudinally extending edge for removing the wing.

2. An pantiliner of claim 1, wherein the perforation is formed by a member selected from group consisting of knife cutting, ultrasonic cutting, embossing, and sealing.

3. An pantiliner of claim 1, wherein the absorbent core comprises absorbent material selected from the group consisting of pulp fibers, bicomponent fibers, polyester fibers, and superabsorbent polymers.

4. An pantiliner of claim 1 further comprising a transfer layer.

5. An attachment wing for securing a thong pantiliner to a garment, the attachment wing comprising an upper surface, the upper surface comprising a cover and an absorbent article attachment means for securing the

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attachment wing to the pantiliner, and a lower surface, the lower surface comprising a garment attachment means securing the attachment wing to the garment, wherein the thong pantiliner comprises

A. a silhouette comprising

- (i) a first portion having a maximum width,
- (ii) a second portion having a maximum width, wherein the second portion being in opposite relation to the first portion and the maximum width of the first portion is greater than the maximum width of the second portion, and
- (iii) a first longitudinally extending edge and a second longitudinally extending edge being in opposed relationship between the first portion to the second portion and

B. a layered portion comprising

- (i) a cover,
- (ii) an absorbent core, and
- (ii) a breathable backsheet.

- 6. An attachment wing of claim 5, wherein the attachment wing is dispensed from a roll.
- 7. An attachment wing of claim 5, wherein the absorbent article further comprises a transfer layer.
- 8. An attachment wing of claim 5, wherein the absorbent core comprises absorbent material selected from the group consisting of pulp fibers, bicomponent fibers, polyester fibers, and superabsorbent polymers.
- 9. A kit for an absorbent article, the kit comprising:
 - A. A pantiliner comprising:
 - (i) a silhouette comprising
 - (a) a first portion having a maximum width,
 - (b) a second portion having a maximum width, wherein the second portion being in opposite relation to the first

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portion and the maximum width of the first portion is greater than the maximum width of the second portion, and

(c) a first longitudinally extending edge and a second longitudinally extending edge being in opposed relationship between the first portion to the second portion;

(ii) layered portion comprising

(a) cover,

(b) an absorbent core,

(c) a breathable backsheet; and

B. at least one attachment wing comprising a cover and a breathable backsheet.

10. A kit of claim 9, wherein the attachment wing is dispensed from a roll.

11. A kit of claim 9, wherein the absorbent core comprises absorbent material selected from the group consisting of pulp fibers, bicomponent fibers, polyester fibers, and superabsorbent polymers.

12. A kit of claim 9 further wherein the absorbent article further comprises a transfer layer.

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ABSTRACT

An absorbent article with a silhouette having a first portion having a maximum width, a second portion having a maximum width, wherein the second portion being in opposite relation to the first portion and the maximum width of the first portion is greater than the maximum width of the second portion, and (iii) a first longitudinally extending edge and a second longitudinally extending edge being in opposed relationship between the first portion to the second portion; a layered portion including an absorbent core and a backsheet; at least one wing laterally extending from the first longitudinally extending edge or the second longitudinally extending edge; and means for removing the wing from the longitudinally extending edge.

Alternatively, an attachment wing for securing an absorbent article to a garment with an upper surface including an absorbent article attachment for securing the attachment wing to the absorbent article and a lower surface comprising a garment attachment means securing the attachment wing to the garment. Additionally, a kit is provided having an absorbent article and at least one attachment wing for securing the absorbent article to a garment.

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DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) ☒ Declaration Submitted with Initial Filing ☐ Declaration Submitted after Initial Filing (Surcharge (37 CFR 1.16(e)) required)	Attorney Docket Number	PPC-780			
	First Named Inventor	GARRAD et al			
	COMPLETE IF KNOWN				
	Application Number				
	Filing Date	March 30, 2001			
	Group Art Unit				
	Examiner Name				
As a below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: ABSORBENT ARTICLE WITH REMOVABLE WINGS <i>(Title of the invention)</i>					
the specification of which ☒ is attached hereto OR ☐ was filed on (MM/DD/YYYY) as United States Application Number or PCT International Application Number and was amended on (MM/DD/YYYY)					
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.					
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.					
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.					
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES NO	
			☐ ☐ ☐ ☐	☐ ☐ ☐ ☐	☐ ☐ ☐ ☐
☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:					

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DECLARATION - Utility or Design Patent Application		
I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.		
Application Number(s)	Filing Date (MM/DD/YYYY)	☐ Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB402B attached hereto.
I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:		
Application Serial No.	Filing Date	Status
		Patented Patented Patented
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NAME OF FIRST INVENTOR:		☐ A petition has been filed by this named inventor	
Given Name Gert and middle M and G. Göttscher		Family Name or Surname Göttscher	
Inventor's Signature		Date	
Residence City Middletown	State DE	Country USA	Citizenship USA
Mailing Address 25 Monticue Drive			
City Middletown	State DE	ZIP 19709	Country USA
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NAME OF SECOND INVENTOR:		☐ A petition has been filed by this named inventor	
Given Name Gert and middle M and G. Jahn		Family Name or Surname Jahn	
Inventor's Signature		Date	
Residence City Lansford	State	Country Germany	Citizenship German
Mailing Address Kraft, 31			
City Lansford	State	ZIP 45704	Country Germany
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NAME OF THIRD INVENTOR:		☐ A petition has been filed by this named inventor	
Given Name Gert and middle M and G. H. Michael		Family Name or Surname Michael	
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Mailing Address 105 East Oxford Avenue			
City Dordrecht	State PA	ZIP 19001	Country USA

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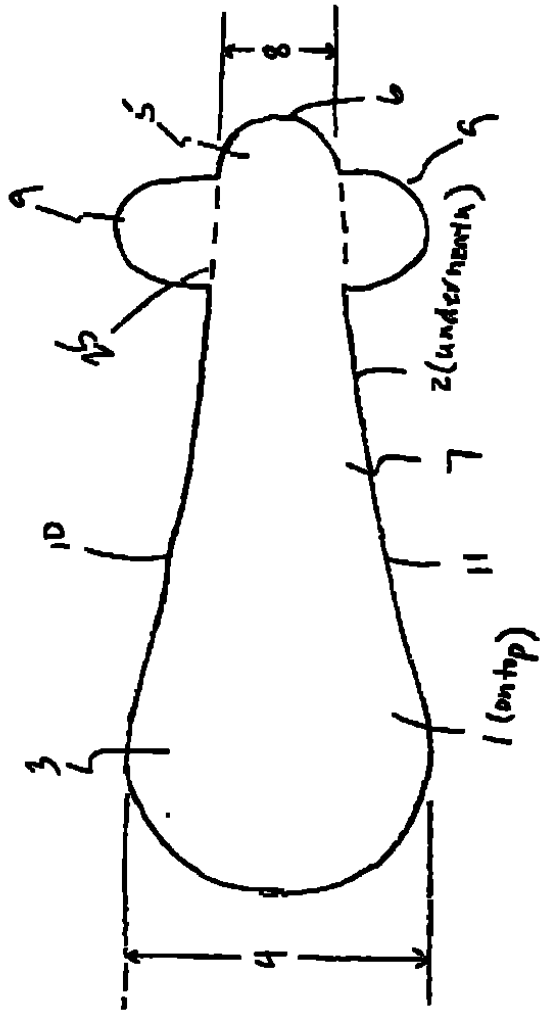


Fig. 1

09823144.033001

82

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83

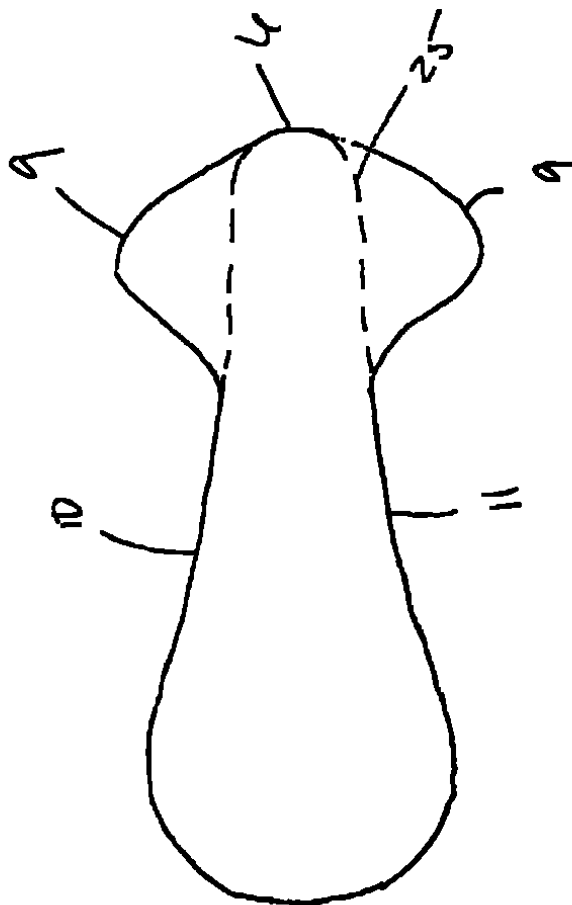
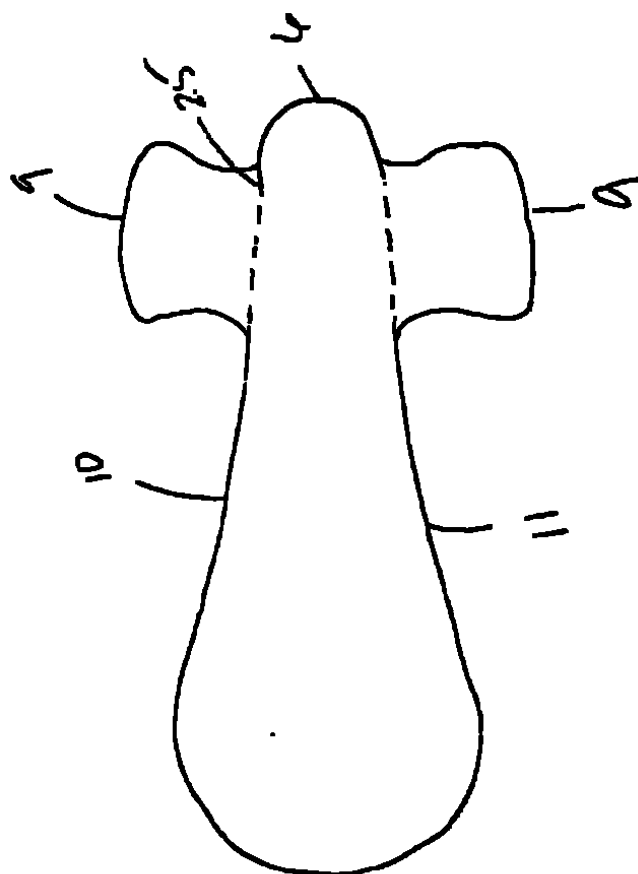


Fig. 2

00000-441E2860

ok



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85

TOOEEED" 441E286D

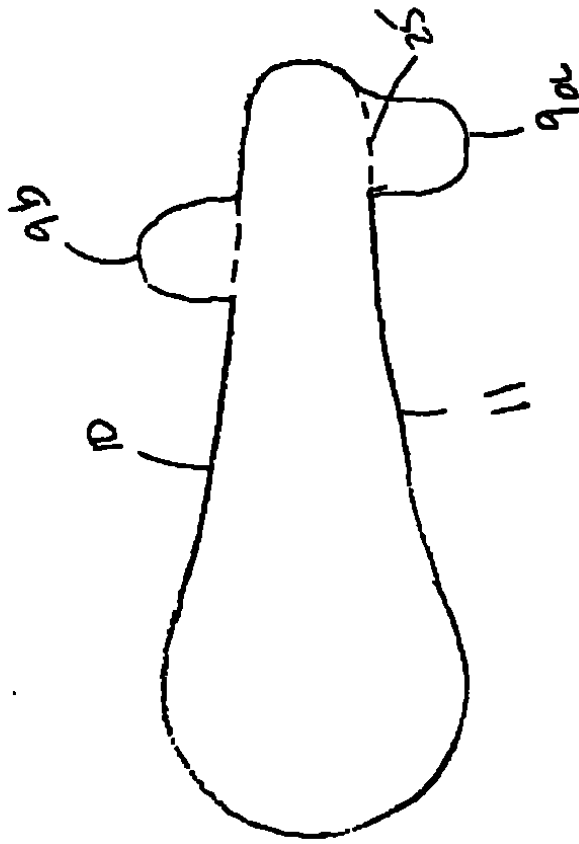


FIG. 4

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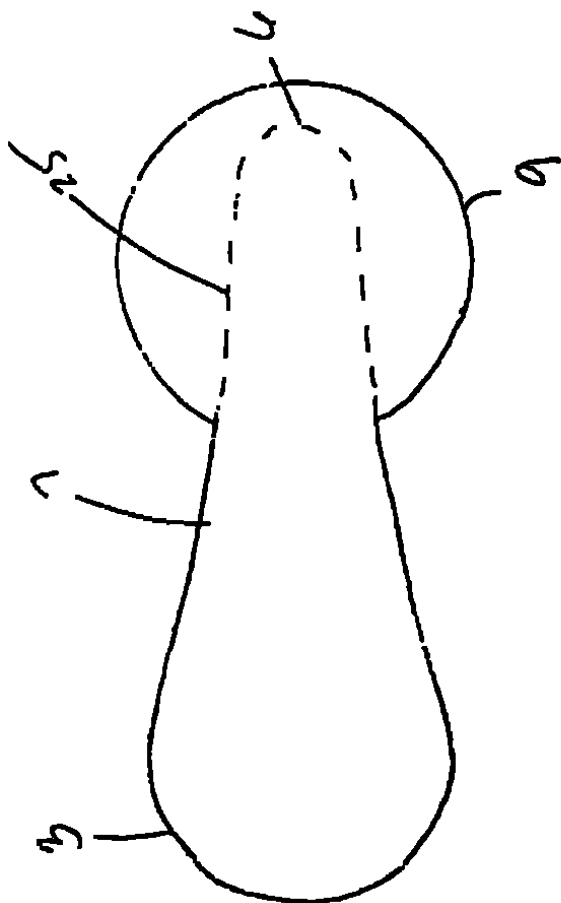


Fig. 5

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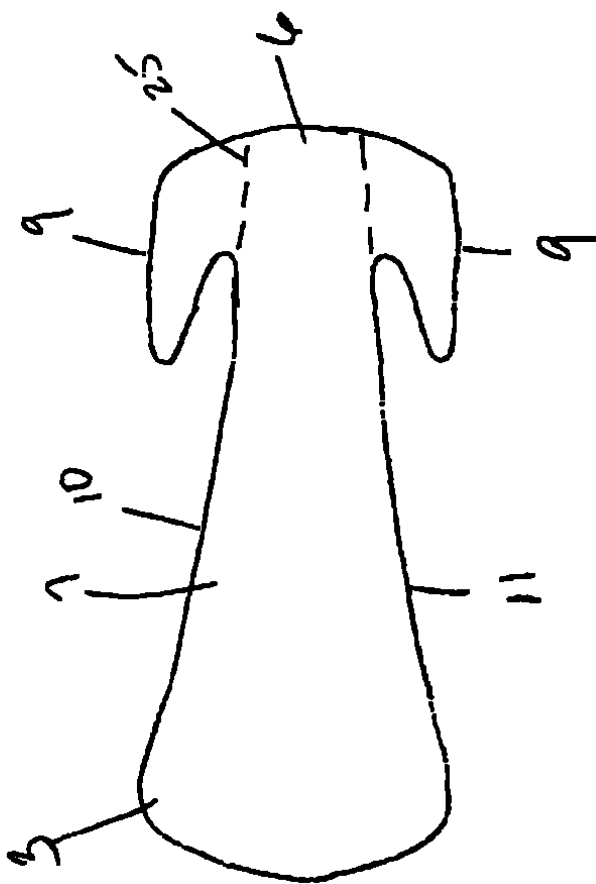


Fig. 6

[Handwritten signature]

09823441.033004

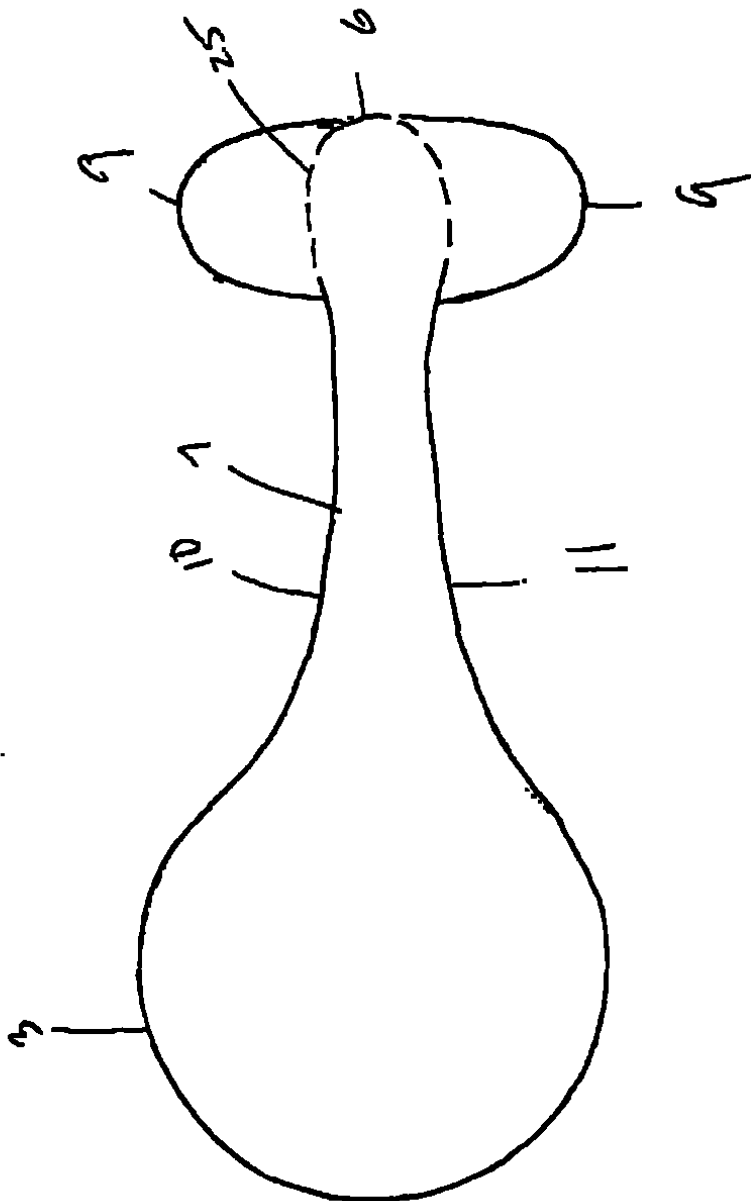


Fig. 7

84

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89

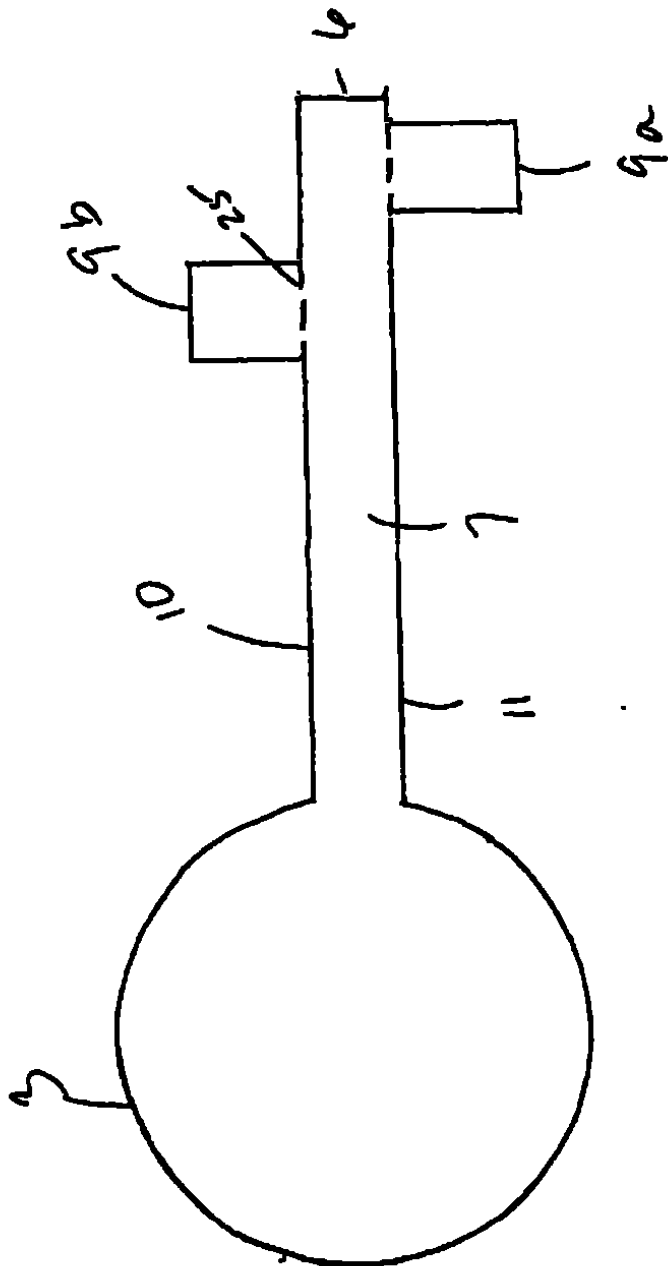
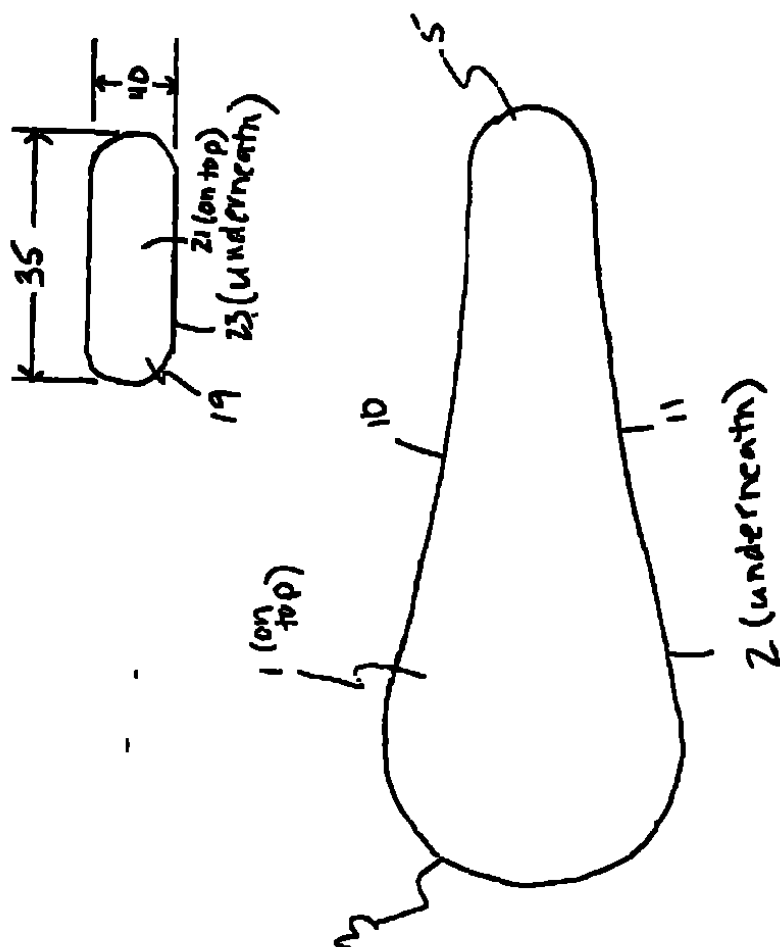


Fig. 8

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File 9a

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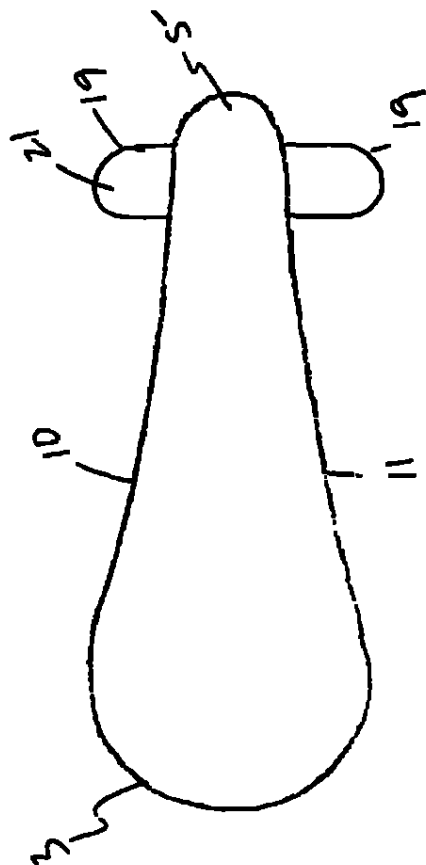


FIG. 9b

09823144.032801

91

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[Signature]

92

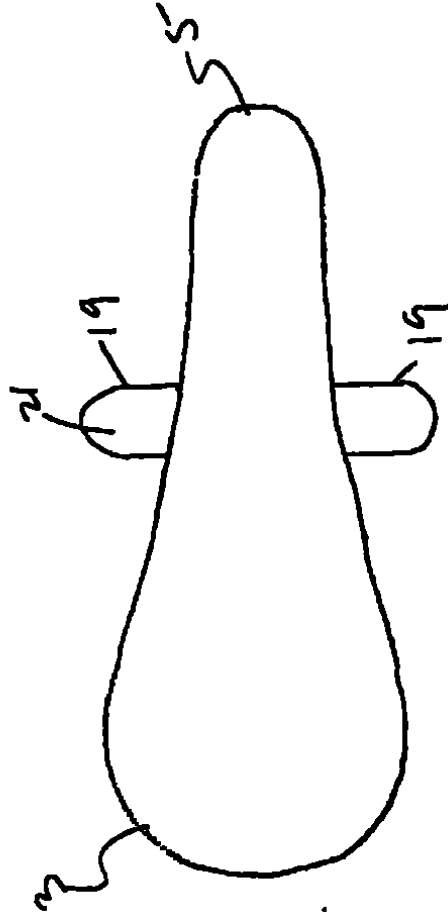


Fig. 9c

09823144-033001



2do. EXAMEN DE FORMA PATENTE DE INVENCION

93

Folio 94

Radicación no 02-27424

Concepto Técnico no 138

Clasificación Internacional de Patentes: A61F13/15

Practicado el examen de acuerdo a lo establecido en el Art. 38 de la Decisión 486 se determinó que esta solicitud de Patente de Invención:

- SI ☒ NO ☐ Contiene un resumen de la Invención (Art.26-e).
- SI ☒ NO ☐ Contiene el título o nombre de la invención (Art.27-d).
- SI ☒ NO ☐ Contiene la descripción de la Invención (Art.26-b).
- SI ☒ NO ☐ NO ES APLICABLE ☐ Contiene los dibujos necesarios para comprender la invención (Art.26-d)
- SI ☒ NO ☐ Contiene una o más reivindicaciones. (Art.26-c).
- SI ☐ NO ☐ NO ES APLICABLE ☒ Han sido desarrollados los productos y/o procedimientos a partir de recursos genéticos o de sus productos derivados de los que cualquiera de los Países Miembros es país de origen. (Art. 26- h).
- SI ☐ NO ☐ NO ES APLICABLE ☒ Los productos y/o procedimientos han sido obtenidos o desarrollados a partir de los conocimientos tradicionales de las comunidades indígenas, afro americanas, o locales de los países miembros, de acuerdo a lo establecido en la Decisión 391 y sus modificaciones y reglamentaciones vigentes.(Art.26-f).
- SI ☐ NO ☒ La invención se refiere a un producto relativo a un material biológico. (Art.26-j).
- SI ☒ NO ☐ NO ES APLICABLE ☐ La prioridad coincide con la materia reivindicada.
- SI ☒ NO ☐ CUMPLE LOS REQUISITOS TÉCNICOS

OBSERVACIONES Y OTROS: SI ☐ NO ☒ ver hoja(s) anexa(s)

EXAMINADOR TÉCNICO
202056

Bogotá D. C., enero 30 de 2004.



94

2020
Bogotá DC

Folio 95'

Doctor
JIMENA ESCOBAR URIBE
Apoderado
MCNEIL-PPC, INC.

REFERENCIA:	Radicación No.	02-27424
	Trámite	002
	Evento	001
	Actuación	416
	Oficio No.	151
	Folios	001

Teniendo en cuenta que la solicitud de privilegio de patente que se tramita bajo el expediente indicado en la referencia, reúne los requisitos de forma establecidos en los artículos 26 y 27 de la Decisión 486 de la Comisión de la Comunidad Andina, y en las demás disposiciones vigentes sobre la materia, se envía el extracto de la solicitud a la Oficina de Comunicaciones para efecto de su publicación en la Gaceta de Propiedad Industrial, conforme lo establece el artículo 40 de la misma Decisión.

Cúmplase

Dado en Bogotá DC, a los

05 FEB. 2004


ALIX CARMENZA CÉSPEDES DE VERGEL
Jefe de la División de Nuevas Creaciones

202058