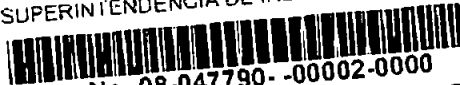


Señores

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO
DIVISIÓN DE NUEVAS CREACIONES

E. _____ S. _____

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 08-047790-00002-0000

Fecha: 2008-08-05 15:00:39 Dep. 2020 NUECREACIONES
Tra. 11 PATENTEIYII Eve: 378 FASENACIONALI
Act. 444 RESPUESTAREQUE Folios: 36

Ref: Expediente No. 08-047.790

Solicitud de Patente de Invención titulada: "PRODUCTO DE FRAGANCIA,
DISPENSADOR, Y ENSAMBLAJE DISPENSADOR"

Solicitante: MEADWESTVACO CORPORATION

Nuestra Ref: P2008/000080

RESPUESTA AL OFICIO No. 7354 NOTIFICADO
POR FIJACION EN LISTA No. 178, DE FECHA 06 DE JUNIO DE 2008
(EXAMEN DE FORMA)

CARLOS R. OLARTE, mayor de edad y vecino de Bogotá, identificado tal como aparece al pie de mi firma, en mi carácter de apoderado de la sociedad en referencia, me permito dar respuesta al auto emanado de ese Despacho, dentro del término legal previsto en el Artículo 39 de la Decisión 486, en los siguientes términos:

1. En respuesta a la primera observación del Examinador, me permito aportar junto al presente memorial, dos (2) documentos de cesión debidamente legalizados, en los que consta:

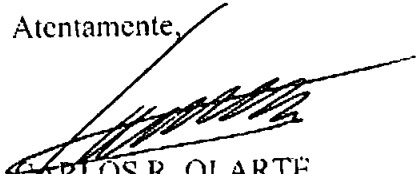
a. La cesión de derechos de cuatro (4) inventores a favor de la sociedad Saint Gobain Performance Plastics Corporation y;

b. La cesión de derechos de la sociedad Saint Gobain Performance Plastics Corporation a favor de mi representada Meadwestvaco Corporation, junto con sus correspondientes traducciones, según lo previsto en el Art. 26-k de la Decisión 486.

2. En respuesta a la segunda observación del Examinador, me permito adjuntar copia auténtica del poder a mi conferido por mi representada según lo previsto en los Artículos 63 y subsiguientes del Código de Procedimiento Civil.

3. Adicionalmente me permito ratificar que la presente solicitud entra en Fase Nacional Capítulo I. Para tal efecto, adjunto copia del Reporte Preliminar Internacional de Patentabilidad, el cual, valga la pena aclarar, no contiene anexos.

Atentamente,


CARLOS R. OLARTE
CC. No. 79.782.747 de Bogotá
T.P. 74.295

Adjunto: Documentos de Cesión
Poder
Copia del Reporte de Examen Preliminar Internacional

61
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Patente
RIEL: 017175 MARCO: 0014

APOSTILLA

(CONVENCION DE LA HAYA DEL 5 DE OCTUBRE DE 1961)

1. PAIS: ESTADOS UNIDOS DE AMÉRICA
2. ESTE DOCUMENTO PÚBLICO HA SIDO FIRMADO POR: M. K. CARTER
3. EN CALIDAD DE: OFICIAL DE CERTIFICADOS
4. CERTIFICADO CON EL SELLO DE: OFICINA DE PATENTES Y MARCAS REGISTRADAS DE LOS ESTADOS UNIDOS DE AMÉRICA

CERTIFICO

5. EN WASHINGTON, D. C.
6. EL 16 DE JUNIO DE 2008
7. POR: ASISTENTE DEL OFICIAL DE AUTENTICACIONES, DEPARTAMENTO DE ESTADO DE LOS ESTADOS UNIDOS DE AMÉRICA
8. No. 08026235-13
9. SELLO:
10. FIRMA: (ILEGIBLE)
Patrick O. Hatchett

Patente
RIEL: 017175 MARCO: 0014

62
H

LOS ESTADOS UNIDOS DE AMÉRICA

A TODOS LOS QUE ESTE PUEDA INTERESAR

**DEPARTAMENTO DE COMERCIO DE ESTADOS UNIDOS
OFICINA DE PATENTES Y COMERCIO DE ESTADOS UNIDOS**

Abril 7 de 2008

**SE CERTIFICA QUE EL ANEXO ES UNA COPIA REAL DE LOS ARCHIVOS
DE ESTA OFICINA DE UN DOCUMENTO GRABADO EL 9 DE Enero de 2006**

**Por la autoridad de
Bajo la Secretaría de Comercio para la Propiedad Intelectual y el Director de la
Oficina de Patentes y Comercio de Los Estados unidos de América**

Firma ilegible
T. WALLACE
Oficial de certificaciones

DEPARTAMENTO DE COMERCIO DE ESTADOS UNIDOS DE AMÉRICA OFICINA DE PATENTES Y MARCAS REGISTRADAS DE LOS ESTADOS UNIDOS DE AMÉRICA HOJA DE CUBIERTA DE GRABACIONES SOLO PARA PATENTES	
Para el Director de Oficina de Patentes y Marcas Registradas de Los Estados Unidos de América: Por favor grabar los documentos adjuntos a las nuevas direcciones descritas abajo	
1. Nombre de las partes conviniendo. Fechas de ejecución: James Thomson, Julia DiCorleto Gibson, John Boyle y Kevin Gray. Nombres adicionales de las partes conviniendo? () Si (X) No	2. Nombre y dirección de la parte recibiendo: SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION. Aurora, Ohio 44202 Nombres adicionales y direcciones adjuntas? () Si (X) No
3. Naturaleza del convenio. Fecha de ejecución: Fecha de ejecución: Enero 3 de 2006 (X) Cesión	
4. Solicitud de número de Patente () Este documento está siendo presentado junto a otra nueva solicitud A. Solicitud de Número de Patente 60/725,375 B. Patente número: Números adicionales añadidos? () Si (X) No	
5. Nombre y dirección del interesado a quien se le debe enviar la correspondencia: Mary E. Porter, Esq. Intellectual Property Law Department, M/S 301-505 SAINT-GOBAIN CORPORATION 1 New Bond Street, Box Number 15138 Worcester, MA 01615-0138 USA. Phone No: (508) 795-5174 Fax No: (508) 795-2653 Email: Mary.E.Porter@saint-gobain.com	6. Número total de solicitudes y Patentes envueltas: <u>1</u> 7. Cargo total (37 CFR 1.21(h) & 3.4): \$40.00 () Autorizado a cargar a tarjeta de crédito (X) Autorizado a cargar a cuenta banco () Incluida () No requerida (interés gubernamental no afectando el título) 8. Información de pago a. tarjeta de crédito. Últimos cuatro números. Fecha de expiración. b. Número de cuenta de depósito 14-1400 Usuaría autorizada. Mary E. Poter
9. Firma: Mary E. Poter Firma ilegible Fecha: Enero 9 de 2006	

64
E

CESIÓN DE DERECHOS DE PATENTE

Por este medio los abajo firmantes inventores,

James Thompson, 2871 Chamberlin Boulevard, Hudson, Ohio 44236

Julia DiCorleto Gibson, 60 Notre Dame Road, Bedford, Massachusetts 01730

John Boyle, 11 Park Street, Apt. 5, Brookline, Massachusetts 02446

Kevin Gray, 24 Natick Street, Nashua, New Hampshire 03063

Ha/han hecho una invención descrita y se ha solicitado Letras de Patente identificada por SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION docket No.: O-455OP, serial en Estados Unidos de América No. 60/725,375 titulada **Producto de Fragancia, y Dispensador Ensamblado** y ejecutado anterior o actualmente con esta cesión, y

POR ESTE MEDIO SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, una corporación debidamente organizada y existente bajo las leyes del Estado de California y quien tiene su dirección en Aurora, Ohio, desea adquirir los derechos totales, título, e interés en y a dicha aplicación y la invención descrita anteriormente y en y todas las LETRAS DE PATENTE que puedan ser otorgadas por los Estados Unidos de América y en cualquier país extranjero;

AHORA Y POR LO TANTO, en consideración de la suma de un dólar y otras valiosas consideraciones, recibo del cual está aquí reconocido, los inventores firmantes por este medio venden, asignan y transfieren a la dicha SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION y sus sucesores y asignados el entero derecho, título e interés de dichos inventores en dicha aplicación y dicha invención en esta descritas, junto con el total derecho, título e interés y en a todas las LETRAS DE PATENTE, incluyendo re otorgamientos, divisiones, renovaciones, continuaciones y continuaciones en parte u otras solicitudes derivadas mas adelante que puedan ser obtenidas en Los Estados Unidos de América sobre dicha invención y el total derecho, título e interés en y a todas la solicitudes por LETRAS DE PATENTE en todos los países extranjeros a Los Estados Unidos de América y todas las LETRS DE PATENTE otorgadas en adelante, incluyendo el derecho a reclamar por cualquier solicitud extranjera correspondiente a solicitud previa a dicha solicitud.

Los inventores firmantes por este medio autorizan y solicitan al COMISIONADO DE PATENTES Y MARCAS REGISTRADAS de Los Estados Unidos de América y a los oficiales correspondientes de gobiernos extranjeros a emitir todas las LETRAS DE PATENTE otorgadas en delante de acuerdo a esta cesión.

Los inventores firmantes además convienen en firmar todos los papeles y hacer todo los actos razonables para obtener y defender dichas LETRAS DE PATENTE e interesarse a que el título se otorgue al asignado nombrado en este documento, pero sin cargo a dichos inventores.

65
A

Firma del primer inventor: Firma ilegible
James Thomson

Testigo: Barbara Katuska Fecha: 01-03-06

Firma del segundo inventor: Firma ilegible
Julia DiCorleto Gibson

Testigo: Firma ilegible Fecha: 01-02-06

Firma del tercer inventor: Firma ilegible
John Boyle

Testigo: Firma ilegible Fecha: 01-02-06

Firma del cuarto inventor: Firma ilegible
Kevin Gray

Testigo: Firma ilegible Fecha: 01-02-06

P2008/8066

6

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: United States of America

This public document

2. has been signed by T. Wallace

3. acting in the capacity of Certifying Officer

4. bears the seal/stamp of U.S. Patent and Trademark Office

Certified

5. at Washington, D.C.

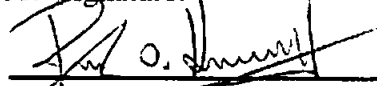
6. the sixteenth of June, 2008

7. by Assistant Authentication Officer, United States Department of State

8. No. 08026235-13

9. Seal/Stamp:.

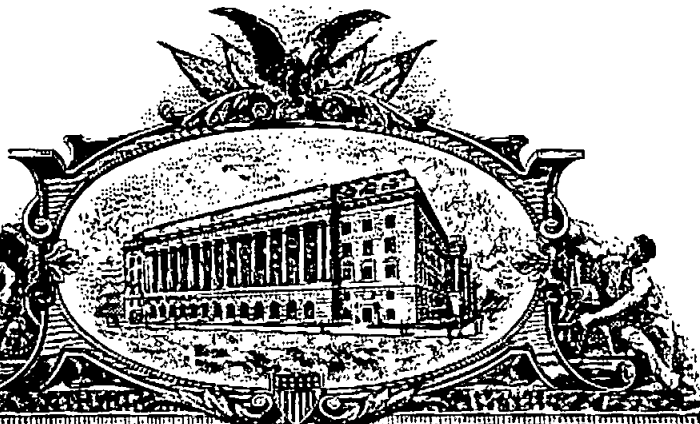
10. Signature:



Patrick O. Hatchett

67

18



A 7121699

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 07, 2008

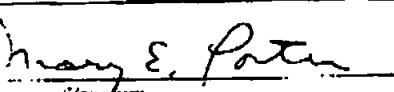
THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE
RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON
January 09, 2006.

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office



T. Wallace
T. WALLACE
Certifying Officer

68

SG FORM PTO-1593 (Rev7/05)		U. S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office RECORDATION FORM COVER SHEET PATENTS ONLY	
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.			
1. Name of Conveying party(ies)/ Execution Date(s): James Thomson, Julia DiCorleto Gibson, John Boyle and Kevin Gray Additional name(s) of conveying Party(ies) attached? ☐ Yes ☒ No		2. Name and address of Receiving Party(ies): SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION 1199 Chillicothe Road, Aurora, Ohio 44202 Additional name(s) & address(es) attached? ☐ Yes ☒ No	
3. Nature of conveyance/Execution Date(s): Execution Date(s) January 3, 2006, January 2, 2006 ☒ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Government Interest Assignment ☐ Executive Order 9424, Confirmatory License ☐ Other _____			
4. Application or Patent number (s): ☐ This document is being filed together with a new application A. Patent Application No.(s) 60/725,375 B. Patent No.(s): Additional numbers attached? ☐ Yes ☒ No			
5. Name and address to whom correspondence concerning document should be mailed: Mary E. Porter, Esq. Intellectual Property Law Department, M/S 301-505 SAINT-GOBAIN CORPORATION 1 New Bond Street, Box Number 15138 Worcester, MA 01615-0138 USA Phone No.: (508) 795-5174 Fax No.: (508) 795-2653 Email Address: Mary.E.Porter@saint-gobain.com		6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.4): \$ 40.00 ☐ Authorized to be charged by credit card ☒ Authorized to be charged to deposit account ☐ Enclosed ☐ None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit account number: 14-1400 Authorized User Name Mary E. Porter	
9. Signature: Mary E. Porter, Reg. No. 33,440 Name of Person Signing		 Signature January 9, 2006 Date	
Total Number of pages including cover sheet, attachments, and documents: 3			

Documents to be recorded (including cover sheet) should be faxed to: (571) 273-0140, or mailed to:
Mollietop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

700235302

PATENT
REEL: 017175 FRAME: 0012

Docket No.: O-4550P

ASSIGNMENT OF PATENT RIGHTS

WHEREAS the undersigned inventor/s,

James Thomson, 2871 Chamberlin Boulevard, Hudson, Ohio 44236**Julia DiCorleto Gibson, 60 Notre Dame Road, Bedford, Massachusetts 01730****John Boyle, 11 Park Street, Apt. 5, Brookline, Massachusetts 02446****Kevin Gray, 24 Natick Street, Nashua, New Hampshire 03063**

has/have made an invention described and set forth in an application for U.S. LETTERS PATENT identified by **SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION** docket no. O-4550P, U.S. Serial No. 60/725,375 entitled **Fragrance Product, Dispenser, And Dispenser Assembly** and executed prior to or contemporaneously with this Assignment, and

WHEREAS **SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION**, a corporation duly organized and existing under the laws of the State of **California** and having its principal place of business at **Aurora, Ohio**, is desirous of acquiring the entire right, title, and interest in and to said application and the invention described therein and in and to any and all LETTERS PATENT that may be issued thereon in the UNITED STATES OF AMERICA and in any foreign country:

NOW THEREFORE, in consideration of the sum of one dollar and other valuable considerations, receipt of which is hereby acknowledged, the undersigned inventor/s hereby sell, assign, and transfer unto the said **SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION** and its successors and assigns the entire right, title, and interests of said inventor/s in and to said application and the invention therein described, together with the entire right, title, and interest in and to all LETTERS PATENT, including reissues, divisions, renewals, continuations and continuations-in-part or other derived applications thereof which may be obtained in the UNITED STATES OF AMERICA upon said invention and the entire right, title, and interest in and to all applications for LETTERS PATENT in all countries foreign to the United States and all LETTERS PATENT issued thereon, including the right to claim for any corresponding foreign application the priority of the said application.

The undersigned inventor/s hereby authorize and request the COMMISSIONER OF PATENTS AND TRADEMARKS of the UNITED STATES of AMERICA and the corresponding officers of foreign governments to issue all LETTERS PATENT granted thereon in accordance with this assignment.

The undersigned inventor/s furthermore agree to sign all papers and do all reasonable acts necessary to obtain and defend such LETTERS PATENT and to vest the title thereto in the assignee named herein, but without expense to said inventor/s.

First Inventor signature

James Thomson
James Thomson

Witness

Barbara Katuska

Date

1-3-06

PATENT
REEL: 017175 FRAME: 0013

70

Second inventor signature Julia DiCorleto Gibson
Julia DiCorleto Gibson

Witness Byron H. Hurdman Date 1-2-2006

Third inventor signature John Boyle
John Boyle

Witness John Boyle Date 1-2-06

Fourth inventor signature Kevin Gray
Kevin Gray

Witness John Boyle Date 1-2-06

72
JH

APOSTILLA

(CONVENCION DE LA HAYA DEL 5 DE OCTUBRE DE 1961)

1. PAIS: ESTADOS UNIDOS DE AMÉRICA
2. ESTE DOCUMENTO PÚBLICO HA SIDO FIRMADO POR: M. K. CARTER
3. EN CALIDAD DE: OFICIAL DE CERTIFICADOS
4. CERTIFICADO CON EL SELLO DE: OFICINA DE PATENTES Y MARCAS REGISTRADAS DE LOS ESTADOS UNIDOS DE AMÉRICA

CERTIFICO

5. EN WASHINGTON, D. C.
6. EL 16 DE JUNIO DE 2008
7. POR: ASISTENTE DEL OFICIAL DE AUTENTICACIONES, DEPARTAMENTO DE ESTADO DE LOS ESTADOS UNIDOS DE AMÉRICA
8. No. 08026235-12
9. SELLO:
10. FIRMA: (ILEGIBLE)
Patrick O. Hatchett

Patente
RIEL: 017175 MARCO: 0014

73
X

LOS ESTADOS UNIDOS DE AMÉRICA

A TODOS LOS QUE ESTE PUEDA INTERESAR

**DEPARTAMENTO DE COMERCIO DE ESTADOS UNIDOS
OFICINA DE PATENTES Y COMERCIO DE ESTADOS UNIDOS**

Abril 7 de 2008

**SE CERTIFICA QUE EL ANEXO ES UNA COPIA REAL DE LOS ARCHIVOS
DE ESTA OFICINA DE UN DOCUMENTO GRABADO EL 9 DE Enero de 2006**

**Por la autoridad de
Bajo la Secretaría de Comercio para la Propiedad Intelectual y el Director de la
Oficina de Patentes y Comercio de Los Estados unidos de América**

Firma ilegible
T. WALLACE
Oficial de certificaciones

74
X10

CESIÓN DE PATENTE	
Onic Versión v1.1	
Hoja Versión v1.1	
Tipo de Comisión	Nueva asignación
Futuro Convenio	Asignación
Información de las partes conviniendo	
Nombre	Fecha de ejecución
Saint-Gobain Performance Plastics Corporation	10/03/2006
Información de quien recibe	
Nombre:	Mead Westvaco Corporation
Dirección:	One high Ridge Park
Ciudad:	Stamford
Estado/País:	CONNECTICUT USA
Código Postal:	06905
NÚMERO DE PROPIEDADES Total: 1	
Tipo de propiedad	Número
Número de Solicitud:	60725375
INFORMACIÓN DE CORRESPONDENCIA	
Número de Fax:	(404) 653-6444
<i>La correspondencia será enviada por correo postal cuando los intentos via fax no sean exitosos.</i>	
Télefono:	(404) 653-6400
Email:	robert.stanley@finnegan.com
Nombre de quien recibe: Robert C. Stanley	
Dirección, línea 1:	303 Peachtree St NE #3500
Dirección, línea 2:	Finnegan Henderson LLP
Dirección, línea 3:	Atlanta, GEORGIA 30308
Número de casilla de abogado:	04965-0044-00000
Nombre de quien envía:	Robert C. Stanley
Total adjuntos: 1	
Fuente=60725375#pagina1.tif	

CESIÓN

Por este medio, SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, una corporación del Estado de California, cuya dirección postal es 1199 Chillicothe Road, Aurora, Ohio, 44202, Estados Unidos de América (de ahora en adelante llamado el asignante), posee una invención titulada:

PRODUCTO DE FRAGANCIA, Y DISPENSADOR ENSAMBLADO

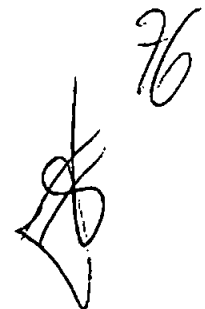
Por el cual se presentó una solicitud por Letras de Patente en los Estados Unidos de América el 11 de octubre de 2005 (Solicitud número 60/725,375); y

Por cuanto, MEADWESTVACO CORPORATION, una corporación del Estado de Delaware, cuya dirección postal es One High Ridge Park, Stamford, Connecticut, 06905, Estados Unidos de América (de ahora en adelante referido como el Asignado), desea asegurar el derecho total, título, e interés en y a esta invención en todos los países a través del mundo, y a cualquier solicitud de letras de Patente a Los Estados Unidos de América que sean otorgadas en esta solicitud;

Ahora por lo tanto, que sea sabido que por buena y onerosa consideración, el recibo del cual de parte del asignado es por este medio reconocido, Nosotros, como asignantes, hemos vendido, asignado, transferido, y entregado, y por este medio vendemos, asignamos, transferimos, y entregamos al asignado, sus sucesores legales y asignados, nuestro derecho total, título, e interés en y a esta invención, y esta solicitud, y todas las no provisionales, divisiones, y continuaciones en adelante, y todas las Letras de Patente de Los Estados Unidos de América que pudiesen otorgarse en adelante, y todas las remisiones otorgadas en adelante, y todos los derechos de reclamar prioridad basados en esta solicitud, y todas las solicitudes por Letras de Patente que pudiesen ser solicitadas en adelante por esta invención en cualquier país extranjero y todas las extensiones, renovaciones, y re otorgamientos en adelante; y nosotros por este medio autorizamos y solicitamos al Director de la Oficina de Patentes y Marcas Registradas de los Estados Unidos de América y a cualquier oficial de cualquier país extranjero cuyo deber es expedir las Patentes en las solicitudes descritas anteriormente, para expedir las Letras de Patente por esta invención al Asignado, sus sucesores y asignados, de acuerdo a los términos de esta asignación;

Y, nosotros por este medio convenimos además y acordamos que nosotros, sin consideraciones adicionales, comunicaremos con el asignado, sus sucesores y asignados, cualquier hecho relacionado con esta invención, y testificaremos en cualquier procedimiento legal, firmaremos todos los documentos legales cuando así se nos solicite, ejecutaremos y entregaremos cualquier y todos los documentos que puedan ser necesarios o deseados para perfeccionar el título de esta invención en dicho asignado, sus sucesores o asignados, ejecutar todos los no provisionales, divisionales, continuaciones, y solicitudes de re otorgamiento, hacer todos los juramentos de ley y generalmente hacer todo lo posible para ayudar al asignado, sus sucesores y asignados.

Patente
RIEL: 017175 MARCO: 0014

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para obtener y esforzar la protección propia a la Patente por esta invención en los Estados Unidos de América y en cualquier país extranjero, se entiende que cualquier gasto o incidente en la ejecución de dichos papeles deben ser cubiertos por el asignado, sus sucesores y asignados.

En testimonio a lo anterior, hemos impuesto nuestras manos.

Condado de <u>Summit</u>	)	Por:	<u>Firma ilegible</u>
	)	Nombre:	James W. Thomson
	)	Título:	Vicepresidente
	)	Fecha:	<u>10-03-06</u>
Estado <u>Ohio</u>			<u>Saint-Gobain Performance Plastics</u>
			<u>Corporation</u>
			<u>1199 Chillicothe Road</u>
			<u>Aurora, Ohio 44202</u>

Suscrito y jurado ante mí el 3 de Octubre de 2006
Firma ilegible, Notario Público, cuya comisión expira el 28 de Junio de 2008

GRABADO EL : 10/10/2006

RIEL: 018371 MARCO 0026

APOSTILLE*(Convention de La Haye du 5 octobre 1961)*

1. Country: *United States of America*

This public document

2. has been signed by M.K. Carter

3. acting in the capacity of Certifying Officer

4. bears the seal/stamp of U.S. Patent and Trademark Office

Certified

5. at Washington, D.C.

6. the sixteenth of June, 2008

7. by *Assistant Authentication Officer, United States Department of State*

8. No. 08026235-12

9. Seal/Stamp:

10. Signature:



Patrick O. Hatchett

A 7121699

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 07, 2008

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE
RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON
OCTOBER 10, 2006.

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office




M. K. CARTER
Certifying Officer

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Saint-Gobain Performance Plastics Corporation	10/03/2006
RECEIVING PARTY DATA	
Name:	MeadWestvaco Corporation
Street Address:	One High Ridge Park
City:	Stamford
State/Country:	CONNECTICUT
Postal Code:	06905
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	60725375
CORRESPONDENCE DATA	
Fax Number:	(404)653-6444
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	4046536400
Email:	robert.stanley@finnegan.com
Correspondent Name:	Robert C. Stanley
Address Line 1:	303 Peachtree St NE #3500
Address Line 2:	Finnegan Henderson LLP
Address Line 4:	Atlanta, GEORGIA 30308
ATTORNEY DOCKET NUMBER:	04965-0044-00000
NAME OF SUBMITTER:	Robert C. Stanley
Total Attachments: 1 source=60725375#page1.tif	

OP \$40.00 60725375

500162797

PATENT
REEL: 018371 FRAME: 0025

ASSIGNMENT

WHEREAS, SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, a corporation of the State of California, whose post office address is 1199 Chillicothe Road, Aurora, Ohio, 44202, United States of America (hereinafter referred to as Assignor), owns an invention entitled:

FRAGRANCE PRODUCT, DISPENSER, AND DISPENSER ASSEMBLY

for which a provisional application for United States Letters Patent was filed on October 11, 2005 (Application No. 60/725,375); and

WHEREAS, MEADWESTVACO CORPORATION, a corporation of the State of Delaware, whose post office address is One High Ridge Park, Stamford, Connecticut, 06905, United States of America (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to any application for United States Letters Patent on this invention and any Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for good and valuable consideration, the receipt of which from Assignee is hereby acknowledged, We, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, and this application, and all non-provisionals, divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Director of the United States Patent and Trademark Office and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all non-provisional, divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

County of Summit)
)
)
 State of Ohio)

By: [Signature]
 ss. Typed Name: JAMES W. THOMSON
 Title: VICE PRESIDENT
 Date: 10.3.06
Saint-Gobain Performance Plastics Corporation
1199 Chillicothe Road
Aurora, Ohio 44202

Subscribed and sworn to before me this 3rd day of October, 2006

[Signature], Notary Public
my commission expires June 28, 2008

89

APOSTILLA:

(Convention de La Haye du 5 octobre 1961)

1. País:

Estados Unidos de América

El presente documento público

2. Ha sido firmado por:

Anicia T. Beltran

3. Actuando en calidad de:

Notario Público

4. En el Estado de:

Connecticut por el periodo de 1º de abril
2007 a marzo 31, 2012:

Certificado

5. En:

Hartford, Connecticut

6. El:

13 de junio de 2008

7. Por:

Susan Bysiewicz, Secretario del Estado de
Connecticut.

8. Bajo el No.:

2008-8425

9. Sello / estampilla:

Sello

10. Firma:

(Firmado) Susan Bysiewicz – Secretario de
Estado

Certificación:

*Certifico que la presente es una traducción fiel del inglés al español del
documento adjunto.*

Documento: "Apostilla Hartford"

Fecha: 9 de julio, 2008

*Traductor: Jorge Enrique Sierra Reyes, adscrito al Ministerio de Relaciones
Exteriores de Colombia.*

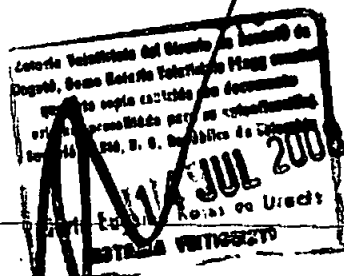
*Licencia No. 376 de 1993, del Ministerio de Justicia (hoy Ministerio del
Interior y de Justicia) de la República de Colombia.*

Dirección: Cra. 15 No. 99-13 Of. 411

Teléfono: (571) 218-2308, Fax: (571) 623-2925.

E-mail: treseser@yahoo.com

Traducción # 11-401



89

Traductor Oficial

JORGE E. SIERRA REYES

Licencia 376 - 1993 Minjusticia

00180

53

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: The United States of America

THIS PUBLIC DOCUMENT

2. has been signed by ANICIA T. BELTRAN

3. acting in the capacity of NOTARY PUBLIC

4. in the State of Connecticut for the term of April 1, 2007 to March 31, 2012

CERTIFIED

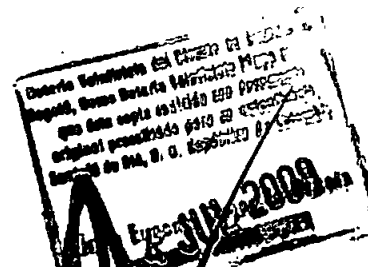
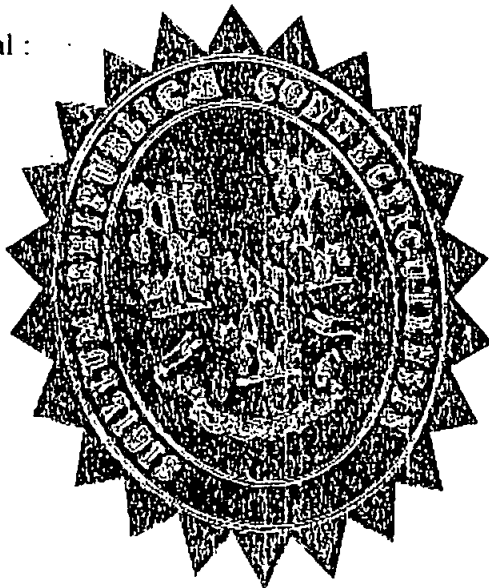
5. at Hartford, Connecticut

6. on June 13, 2008

7. by SUSAN BYSIEWICZ Secretary of the State of Connecticut

8. Number : 2008-8425

9. Seal :



Signature

Susan Bysiewicz

Secretary of the State

84
Carlos R. Olarte
J. Ian Raisbeck
Ana María Moure
Juan Guillermo Moure
Natalia Castro
Zayde Chahín
Alexander Agudelo
Lina Musquera
Catalina Barbatelano
Ángela Correo
Erika Rico
Carlos A. Parra
Carolina Romero
Andrés Alvarado
Gina Arias

Power of Attorney

Poder

The undersigned,

El suscrito,

MEADWESTVACO CORPORATION

domiciled in

domiciliado en

One High Ridge Park, Stanford, CT 06965 U.S.A.

by means of those presents hereby grants to **Carlos R. Olarte and/or J. Ian Raisbeck and/or Juan Guillermo Moure and/or Natalia Castro** full and sufficient Power of Attorney to file, prosecute, obtain, defend and enforce any and all of the company's Patents for Inventions, Utility Models, Layout-Designs (topographics) of Integrated Circuits, Industrial Designs, Trademarks, Advertising Slogans, Trade Names, Commercial Emblems, Geographical Indications, Protection of Trade Secrets, Obtainer's Certificates, Copyrights, Registration of Domain Names, Health Registrations, or any other intellectual property right in the Republic of Colombia, to which end it empowers them to take all steps necessary before any administrative or judicial authority of any class for the objects stated, to file petitions, recourses, replies and oppositions, pay taxes and annuities, request testimonies, receive documents and securities, abandon applications, collect refunds, desist, settle, conciliate or negotiate. Sufficient power is hereby granted to receive notifications on behalf of the Company, to confer powers on those who are to represent the company judicially and extrajudicially, to answer in court in the matter of all claims and demands that may be presented in connection with the objects stated, giving them likewise power to substitute these presents and revoke such substitutions.

por medio del presente otorga a **Carlos R. Olarte y/o J. Ian Raisbeck y/o Juan Guillermo Moure y/o Natalia Castro** poder especial, amplio y suficiente para presentar, tramitar, obtener, defender y hacer respetar todas y cualquiera de las Patentes de Invención, Modelos de Utilidad, Esquemas de Trazados de Circuitos Integrados, Diseños Industriales, Marcas, Lemas Comerciales, Nombres Comerciales, Enseñas Comerciales, Denominaciones de Origen, Protección de Secretos Empresariales, Certificados de Obtentor, Derechos de Autor, Registro de Nombres de Dominio, Registros Sanitarios, o cualquier otro bien de propiedad intelectual de la compañía en la República de Colombia, a cuyo efecto los faculta para dar todos los pasos necesarios ante cualquier autoridad administrativa o judicial de cualquier jerarquía para cumplir con lo encomendado, elevar solicitudes, recursos, respuestas y oposiciones, pagar impuestos y anualidades, solicitar testimonios, recibir documentos y valores, desistir, transigir, y percibir. Se concede poder bastante para recibir notificaciones a nombre de la compañía, otorgar poderes a quienes vayan a representar a la compañía judicial y extrajudicialmente, responder en juicio a todas las reclamaciones o demandas que por motivo de lo encomendado se presentaren, dándoles asimismo facultad para sustituir el presente y revocar dichas sustituciones.

Signature/Firma:

Date/Fecha:

City/Country/Ciudad, País:

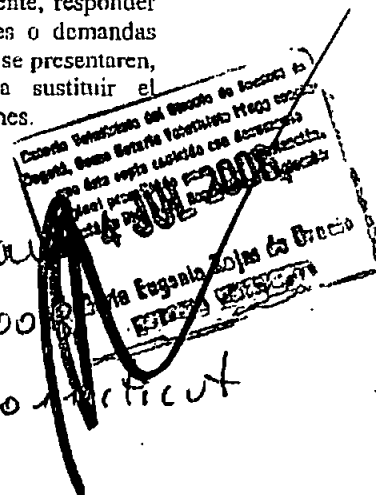
File I. Raisbeck
May 28, 2008
Stanford, Connecticut

Subscribed and sworn to before me

this 28th day of June, 2008

Aracela T. Beltrán
NOTARY PUBLIC

Notary Expires Mar. 31, 2012



APOSTILLA:

(Convention de La Haye du 5 octobre 1961)

1. País: Estados Unidos de América

El presente documento público

2. Ha sido firmado por: Anicia T. Beltran

3. Actuando en calidad de: Notario Público

4. En el Estado de: Connecticut por el periodo de 1º de abril 2007 a marzo 31, 2012.

Certificado

5. En: Hartford, Connecticut

6. El: 13 de junio de 2008

7. Por: Susan Bysiewicz, Secretario del Estado de Connecticut.

8. Bajo el No.: 2008-8424

9. Sello / estampilla: Sello

10. Firma: (Firmado) Susan Bysiewicz – Secretario de Estado

Certificación:

Certifico que la presente es una traducción fiel del inglés al español del documento adjunto.

Documento: "Apostilla Hartford"

Fecha: 9 de julio, 2008

Traductor: Jorge Enrique Sierra Reyes, adscrito al Ministerio de Relaciones Exteriores de Colombia.

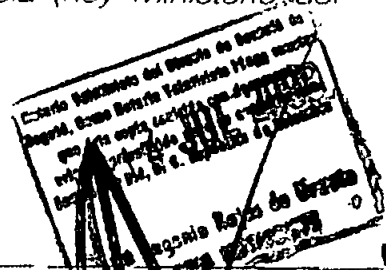
Licencia No. 376 de 1993, del Ministerio de Justicia (hoy Ministerio del Interior y de Justicia) de la República de Colombia.

Dirección: Cra. 15 No. 99-13 Of. 411

Teléfono: (571) 218-2308, Fax: (571) 623-2925.

E-mail: treseser@yahoo.com

Traducción # 11-400



APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: The United States of America

THIS PUBLIC DOCUMENT

2. has been signed by ANICIA T. BELTRAN

3. acting in the capacity of NOTARY PUBLIC

4. in the State of Connecticut for the term of April 1, 2007 to March 31, 2012

CERTIFIED

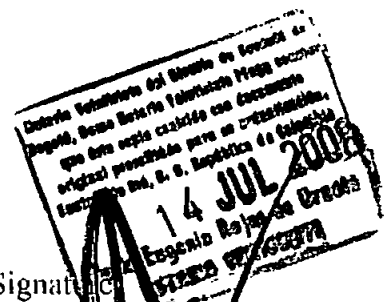
5. at Hartford, Connecticut

6. on June 13, 2008

7. by SUSAN BYSTEWICZ Secretary of the State of Connecticut

8. Number : 2008-8424

9. Seal :



10. Signature

Susan Bystewicz

Secretary of the State

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[Signature]

MODEL OF NOTARIAL CERTIFICATION

Notarial Certification

Certificación Notarial

On this date, May 28, 2008

En esta fecha,

The undersigned Notary Public certifies:

el Notario Público suscrito certifica

1. That John J. Carrara

1. Que

of legal age and domiciled in 36 W. 84 Street
New York, NY, USA

mayor de edad y domiciliado

signed the foregoing document

suscribió el documento que antecede.

2. That the grantor has executed the foregoing
document as Assistant Secretary
of MEADWESTVACO CORPORATION.

2. Que el otorgante ha suscrito el referido
documento en su carácter de
de

3. That MEADWESTVACO
CORPORATION

4. Que

having its principal place of business located in
One High Ridge Park, Stanford, CT 06965
U.S.A.

con sede principal ubicada en

is duly incorporated, is currently in existence, and
that the purposes for which the Power of Attorney is
granted are within the scope of its corporate
purposes.

está legalmente constituida, que tiene existencia
legal vigente y que los propósitos para los cuales
se otorga el poder se encuentra dentro de los que
comprenden su objeto social.

4. That the grantor has the authority to execute the
Power of Attorney and that his/her representation is
legal.

4. Que el otorgante tiene la representación para
suscibir el poder, y que ésta es legítima.

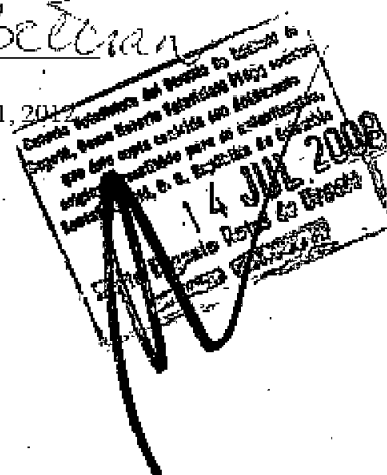
5. The foundation for my certifications contained in
points 2, 3 and 4 was the exhibition of the following
authentic document(s): Power of Attorney

5. El fundamento de mis certificaciones
contenidas en los puntos 2, 3 y 4 fue la exhibición
de los (del) siguiente(s) documento(s) auténtico(s):

NOTARY PUBLIC (Signature):

Anicia T. Beltran
ANICIA T. BELTRAN

My commission expires March 31, 2012



PATENT COOPERATION TREATY

PCT/US2006/039185

From the INTERNATIONAL BUREAU

PCTNOTIFICATION CONCERNING
TRANSMITTAL OF COPY OF INTERNATIONAL
PRELIMINARY REPORT ON PATENTABILITY
(CHAPTER I OF THE PATENT COOPERATION
TREATY)

(PCT Rule 44bis.1(c))

To:

RDT/RES/ITF/RM
GARRETT, Arthur. S.
Finnegan, Henderson, Farabow, Garrett & Dunner, LLP
901 New York Avenue, NW
Washington, DC 20001
ETATS-UNIS D'AMERIQUE

Date of mailing (day/month/year) 24 April 2008 (24.04.2008)		
Applicant's or agent's file reference 4965.0044-00304		IMPORTANT NOTICE
International application No. PCT/US2006/039185	International filing date (day/month/year) 06 October 2006 (06.10.2006)	Priority date (day/month/year) 11 October 2005 (11.10.2005)
Applicant MEADWESTVACO CORPORATION et al		

The International Bureau transmits herewith a copy of the international preliminary report on patentability (Chapter I of the Patent Cooperation Treaty).

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Authorized officer

Nora Lindner

JP
5/2/08

Facsimile No. +41 22 338 82 70

e-mail: pti.pet@wipo.int

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference 4965.0044-00304	FOR FURTHER ACTION See item 4 below	
International application No. PCT/US2006/039185	International filing date (day/month/year) 06 October 2006 (06.10.2006)	Priority date (day/month/year) 11 October 2005 (11.10.2005)
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237		
Applicant MEADWESTVACO CORPORATION		

1. This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 41 bis.1(a).

2. This REPORT consists of a total of 6 sheets, including this cover sheet.

In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.

3. This report contains indications relating to the following items:

- | | |
|---|---|
| ☒ Box No. I | Basis of the report |
| ☐ Box No. II | Priority |
| ☐ Box No. III | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability |
| ☐ Box No. IV | Lack of unity of invention |
| ☒ Box No. V | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
| ☐ Box No. VI | Certain documents cited |
| ☐ Box No. VII | Certain defects in the international application |
| ☐ Box No. VIII | Certain observations on the international application |

4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis.2).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. +41 22 338 82 70	Date of issuance of this report 16 April 2008 (16.04.2008)
	Authorized officer Nora Lindner e-mail: pt11.pct@wipo.int

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

To: Arthur S. Garrett
Finnegan, Henderson, Farabow, Garrett &
Dunner, LLP
901 New York Avenue, NW
Washington, D.C. 20001

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

Date of mailing
(day/month/year)

25 APR 2007

Applicant's or agent's file reference
4965.0044-00304

FOR FURTHER ACTION

See paragraph 2 below

International application No.

PCT/US 06/39185

International filing date (day/month/year)

06 October 2006 (06.10.2006)

Priority date (day/month/year)

11 October 2005 (11.10.2005)

International Patent Classification (IPC) or both national classification and IPC

IPC(8) - B05B 11/00 (2007.01)

USPC - 424/76.4

Applicant Meadwestvaco Corporation

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201	Date of completion of this opinion 05 March 2007 (05.03.2007)	Authorized officer: Lee W. Young PCT Helpdesk: 571-372-4300 PCT OSP: 571-272-7774
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WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US 06/39185

Box No. 1 Basis of this opinion

1. With regard to the language, this opinion has been established on the basis of:
 - ☒ the international application in the language in which it was filed
 - ☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
 - a. type of material
 - ☐ a sequence listing
 - ☐ table(s) related to the sequence listing
 - b. format of material
 - ☐ on paper
 - ☐ in electronic form
 - c. time of filing/furnishing
 - ☐ contained in the international application as filed
 - ☐ filed together with the international application in electronic form
 - ☐ furnished subsequently to this Authority for the purposes of search
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US 08/39185

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	1-37	YES
	Claims	None	NO
Inventive step (IS)	Claims	None	YES
	Claims	1-37	NO
Industrial applicability (IA)	Claims	1-37	YES
	Claims	None	NO

2. Citations and explanations:

Claims 1, 3, 13-17, 24-26 and 30-31 lack an inventive step under PCT Article 33(3) as obvious over US 6,935,540 B2 to Ackermann (Hereinafter Ackerman) in view of Piini et al., Explanation-Gemology Project (hereinafter "Piini").

Regarding claims 1, 16 and 17, Ackerman teaches a fragrance product comprising: a container containing liquid fragrance; and a dispenser assembly for dispensing the liquid fragrance comprising: a transport assembly; and a tube connected to the transport assembly and extending into the liquid fragrance, wherein the tube and the liquid fragrance each have a refractive index (Col 2 Ln 46-54, Fig. 2). Ackermann does not teach a product as described above wherein the difference between the refractive index of the tube and the liquid fragrance is not greater than about 0.04, 0.03 or 0.02. Piini teaches a method of making an object with a refractive index invisible by placing it in a liquid with the same refractive index. It would have been obvious to one of skill in the art to combine Ackerman and Piini to generate a fragrance product wherein the tube has reduced visibility to create a more aesthetically pleasing fragrance product.

Regarding claim 3, Ackermann/Piini teaches a fragrance product as described above. Ackerman further teaches a fragrance product wherein the liquid fragrance product is one of a perfume extract, perfume, eau de toilette, eau de cologne, and aftershave (Col 4 Ln 28-34).

Regarding claims 13, Ackermann/Piini teaches a fragrance product as described above. Ackermann further teaches a fragrance product wherein the transport assembly comprises a pump for dispensing the liquid fragrance (Col 1 Ln 22-24).

Regarding claims 14 and 15, Ackermann/Piini teaches a fragrance product as described above. Ackermann/Piini does not teach a fragrance product wherein the transport assembly comprises a pneumatic assembly or wherein the pneumatic assembly includes a sprayer. However, it is well known in the art to use a pneumatic assembly or a pneumatic assembly with a sprayer to dispense liquids. Therefore it would have been obvious to create a fragrance product with a pneumatic assembly or a pneumatic assembly with a sprayer to provide a method to dispense the fragrance.

Regarding claims 24-26, Ackermann/Piini teaches a fragrance product as described above. Ackermann/Piini does not teach a fragrance product wherein the tube is comprised of a material having a transparency not less than about 80%, 85% or 90%. However, it would have been obvious to one of skill in the art to create a fragrance product wherein the tube is comprised of a material having a transparency not less than about 80%, 85%, or 90% to provide a fragrance product wherein the tube is less visible.

Regarding claims 30, 31, Ackermann/Piini teaches a fragrance product as described above. Ackermann/Piini does not teach a fragrance product wherein the tube is thin walled with an outside diameter within a range of about 0.25 to 10mm or 0.5 to 5mm. However, it would have been obvious to create a fragrance product wherein the tube is thin walled and has a diameter within a range of about 0.25 to 10mm or 0.5 to 5mm to provide a fragrance product wherein the tube is less visible.

See Supplemental Box 1

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US 08/39185

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of:

Box V.

Claims 2 and 4-12 lack an inventive step under PCT 1 (rule 33(3)) as obvious over Ackermann/Piini in view of US 2003/0211125 A1 to Hellovics (Hereinafter Hellovics).

Regarding claim 2, Ackermann/Piini teaches a fragrance product as described above. Ackermann/Piini does not teach a fragrance product comprises a base note, a middle note and a top note. Hellovics teaches a fragrance product that comprises a base note, a middle note and a top note (para [0002]). It would have been obvious to one of skill in the art to combine Ackermann/Piini and Hellovics to generate a fragrance product with a base note a middle note and a top note to prolong the effectiveness of one application of the fragrance.

Regarding claim 4, Ackermann/Piini teaches a fragrance product as described above. Ackermann/Piini does not teach a fragrance product wherein the liquid fragrance product comprises a liquid carrier compound and an aromatic compound. Hellovics teaches a fragrance product wherein the liquid fragrance product comprises a liquid carrier compound and an aromatic compound (para [0098]). It would have been obvious to combine Ackermann/Piini and Hellovics to create a fragrance product with a longer duration.

Regarding claim 5, Ackermann/Piini/Hellovics teaches a fragrance product as described above. Ackermann/Piini/Hellovics does not teach a fragrance product wherein the carrier compound is one of an oil and an alcohol. However, it is well known in the art that carrier compounds may comprise an oil and an alcohol. Therefore it would have been obvious to create a fragrance product wherein the carrier compound is one of an oil and an alcohol to prolong the release of the fragrance.

Regarding claim 6, Ackermann/Piini teaches a fragrance product as described above. Hellovics teaches a fragrance product wherein the aromatic compound is a naturally occurring compound (para [0032]). It would have been obvious to combine Ackermann/Piini and Hellovics to provide a fragrance that is similar to scents found in nature.

Regarding claims 7 and 8, Ackermann/Piini teaches a fragrance product as described above. Ackermann/Piini does not teach a fragrance product wherein the aromatic compound is an essential oil or animal-based extract. Hellovics teaches a fragrance product wherein the aromatic compound is an essential oil or animal-based extract. It would have been obvious to one of skill in the art to combine Ackermann/Piini and Hellovics to provide a fragrance that is similar to scents found in nature.

Regarding claim 9, Ackermann/Piini teaches a fragrance product as described above. Ackermann/Piini does not teach a fragrance product wherein the aromatic compound is a synthetic compound. However, it is well known in the art that synthetic compounds are often used in fragrance products to provide a unique scent not produced by naturally occurring organic compounds. Therefore it would have been obvious to one of skill in the art to use synthetic aromatic compounds in the fragrance product to provide a unique scent not produced by naturally occurring organic compounds.

Regarding claim 10, Ackermann/Piini teaches a fragrance product as described above. Ackermann/Piini does not teach a fragrance product wherein the aromatic compound comprises an aromatic functional group selected from the group consisting of alcohols, ethers, aldehydes, ketones, esters, lactones, castor oil products, nitriles, terpenes, paraffins, and heterocycles. Hellovics teaches fragrance products with aromatic compounds comprising an aromatic functional group consisting of alcohols, ethers, aldehydes, ketones, esters, lactones, castor oil products, nitriles, terpenes, paraffins, and heterocycles (para [0040]). It would have been obvious to one skilled in the art to combine Ackermann/Piini and Hellovics to provide a fragrance product with distinct scents.

Regarding claim 11, Ackermann/Piini/Hellovics teaches a fragrance product as described above. Hellovics further teaches a fragrance product wherein the aromatic compound is at least one of a base note, a medium note and a light note. It would have been obvious to one of skill in the art to combine Ackermann/Piini and Hellovics to provide distinct fragrances that persist for varying lengths of time.

Regarding claim 12, Ackermann/Piini teaches a fragrance product as described above. Ackermann/Piini does not teach a fragrance product wherein the liquid fragrance further comprises a fixative. However, it is well known in the art that fragrance products may include fixatives to make the fragrance last for longer durations. Therefore it would have been obvious to one of skill in the art to create a fragrance product wherein the liquid fragrance further comprises a fixative to provide a fragrance that lasts for a longer duration.

See Supplemental Box 2

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US 06/39185

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of:

Box V.

Claims 18-23 lack an inventive step under PCT Article 33(3) as obvious over Ackermann/Piini in view of US 5,898,475 A to Martin (Hereinafter Martin).

Regarding claims 18 and 20, Ackermann/Piini teaches a fragrance product as described above. Ackermann/Piini does not teach a fragrance product wherein the tube comprises a fluoropolymer. Martin teaches a fragrance dispenser with a Teflon tube (Col 5 Ln 12-24).

Regarding claim 19, Ackermann/Piini/Martin teaches a fragrance product as described above. Ackermann/Piini/Martin does not teach a fragrance product wherein the refractive index of the tube is not greater than about 1.5. However, it is well known in the art that liquid fragrances generally do not have a refractive index greater than 1.5. Therefore it would have been obvious to one of skill in the art to use a tube with a refractive index no greater than 1.5 so that the difference between the refractive index of the liquid and the refractive index of the tube will be small to provide a fragrance product wherein the tube is less visible.

Regarding claims 21-23, Ackermann/Piini/Martin teaches a fragrance product as described above. Ackermann/Piini/Martin does not teach a product wherein the tube comprises ethylene tetrafluoroethylene, tetrafluoroethylene and ethylene, or tetrafluoroethylene and hexafluoropropylene. However, it would have been obvious to one of skill in the art through routine experimentation to create a fragrance product wherein the tube comprises ethylene tetrafluoroethylene, tetrafluoroethylene and ethylene, or tetrafluoroethylene and hexafluoropropylene to provide a fragrance product wherein the tube is solvent resistant.

Claims 27-29 and 32-37 lack an inventive step under PCT Article 33(3) as obvious over Ackermann/Piini/Martin in view of US 6,586,547 B1 to Amin-Sanayei (Hereinafter Amin-Sanayei).

Regarding claims 27-29, Ackermann/Piini/Martin teaches a fragrance product as described above. Ackermann/Piini does not teach a fragrance product wherein the tube has an XRD crystallinity not greater than 13wt%, 11wt% or 10wt%. Amin-Sanayei teaches that decreased crystallinity of polymers results in increased optical clarity (Col 4 Ln 28-60). Therefore, it would have been obvious to one of skill in the art to create a fragrance product wherein the tube has an XRD crystallinity not greater than 13wt%, 11wt% or 10wt%. It would have been obvious to one of skill in the art to combine Ackermann/Piini/Martin and Amin-Sanayei to provide a fragrance product wherein the tube is less visible.

Regarding claims 32-37, Ackermann/Piini/Martin/Amin-Sanayei teaches a fragrance product comprising: a container containing liquid fragrance; and a dispenser assembly for dispensing the liquid fragrance comprising: a transport assembly; and a tube connected to the transport assembly and extending into the liquid fragrance, wherein the tube and the liquid fragrance each have a refractive index, the difference between the refractive index of the tube and the liquid fragrance is not greater than about 0.04, and the tube comprises a fluoropolymer. Ackermann/Piini/Martin/Amin-Sanayei does not teach a fragrance product as described above wherein the tube has a transparency of not less than about 80%, 85% or 90%, a crystalline content not greater than about 13%, 11% or 10%, or an outside diameter within a range of about 0.25 to about 10mm, or 0.05 to 3mm. It would have been obvious to one of skill in the art to create a fragrance product wherein the tube has a transparency of not less than about 80%, 85% or 90%, a crystalline content not greater than about 13%, 11% or 10%, or an outside diameter within a range of about 0.25 to about 10mm, or 0.05 to 3mm to provide a fragrance product wherein the tube is less visible.

Claims 1-37 have industrial applicability as defined by PCT Article 33(4) because the subject matter can be made or used in industry.