

38536

Señor

**SUPERINTENDENTE DE INDUSTRIA
DIVISION DE NUEVAS CREACIONES**

E. S

SUPERINDUSTRIA Y COMERCIO
Radicación : 01019161 00000002 Folios: 46
Fecha (AMD): 2001-06-20 15:38:51
Trámite : 002 PATENTES B 1 REGISTRO/ 329 COMPLETOS
Dependencia: 2020 DIVISION DE NUEVAS CREACIONES

**Re: P1.-S.C. JOHNSON & SON, INC.- Solicitud de Patente de
Invencción para "EQUIPOS REFRESCADORES DE AIRE
DE HIDROGEL CON FRAGANCIA".- Clase A. 61.-
Expediente número 01-019.161.-**

1. Me refiero a mi solicitud de patente arriba nombrada de fecha 9 de Marzo de 2000.

2. Anexos me permito presentar a usted:

- (1) Copias autentica debidamente certificada de la primera solicitud de patente presentada para el invento arriba nombrado respecto de la cual reclamo prioridad, a saber la solicitud estadinense número 09/523.005^v de 10 de Marzo de 2000, junto con la traducción oficial No. 148-2001, correspondiente a las legalizaciones y reivindicaciones de dicho documento;
- (2) Copia debidamente autenticada por el Notario Sexto del Circulo de Bogotá, de los documentos que acreditan la calidad de Traductor Oficial d la señora Angela Puleci

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quien elaboró la traducción de la solicitud estadinense número 09/523.005, respecto de la cual se reivindica prioridad en el presente caso; y

- (3) Documento que acredita el traspaso que el autor del invento de la referencia hace a favor de mi poderdante, de sus derechos sobre el mismo, debidamente apostillado junto con su traducción oficial No. 8245, debidamente legalizada hasta por el Ministerio de Relaciones Exteriores de Colombia bajo el número 127709 de 20 de Abril de 2001, correspondiente a las legalizaciones y partes pertinentes de dicho documento de traspaso.

3. Ruego a usted tomar atenta nota de lo anterior y proceder de conformidad.

Señor Superintendente,


JOSE ANTONIO LLOREDA
T.P. 10.784
Código 231

CUA

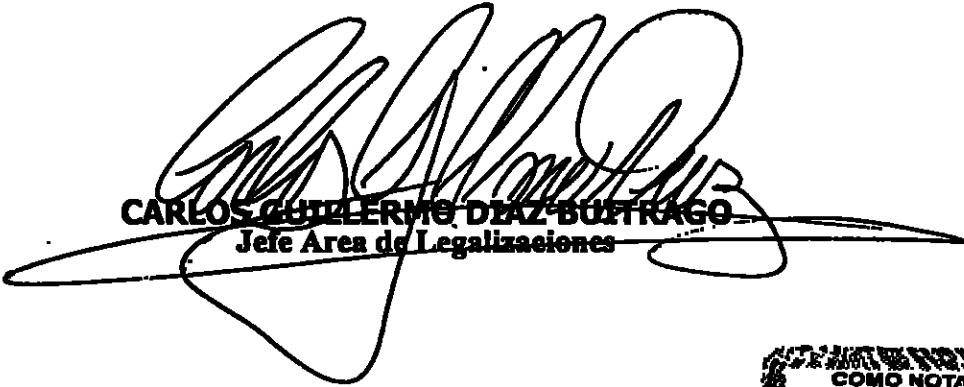
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X

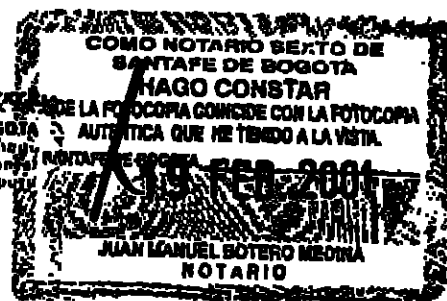
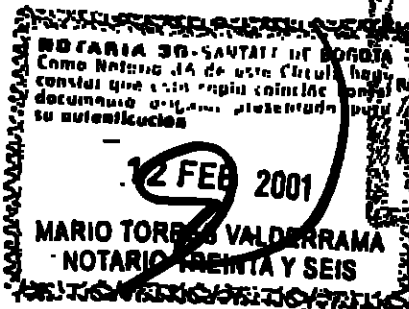
**EL SUSCRITO JEFE DEL AREA DE
LEGALIZACIONES DEL MINISTERIO DE
RELACIONES EXTERIORES**

CERTIFICA

Que revisados los registros que se llevan en la oficina de Legalizaciones aparece la firma del señora **ANGELA ALEXANDRA PULECIO MAYORGA**, como traductor e Intérprete oficial para los Idiomas **INGLES- ESPAÑOL, INGLES** según resolución 0177 del 11 de Marzo de 1997, del Ministerio de Justicia.

Dada en Santa Fe de Bogotá, D.C., a los veinte y dos (22) días de Diciembre de 2000


CARLOS GUILLERMO DIAZ BUFRAGO
Jefe Area de Legalizaciones





MINISTERIO DE JUSTICIA Y DEL DERECHO

RESOLUCION NUMERO

0177

DE 19

11 MAR. 1997

Por la cual se expide una licencia para ejercer funciones de Traductor e Intérprete Oficial

LA SECRETARIA GENERAL DEL MINISTERIO DE JUSTICIA Y DEL DERECHO

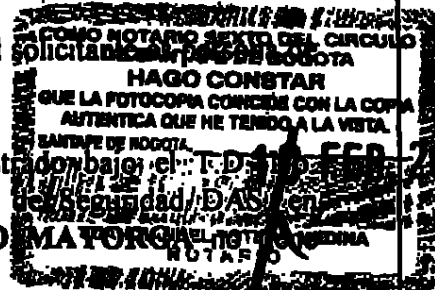
en ejercicio de la facultad conferida por la Resolución 0601 del 30 de marzo de 1995, y

CONSIDERANDO:

Que ANGELA ALEXANDRA PULECIO MAYORGA, identificada con la cédula de ciudadanía No. 38.872.323 de Buga (Valle), solicita a este Ministerio le sea expedida licencia para ejercer funciones de Traductor e Intérprete oficial de conformidad con los Decretos 382 y 2257 de 1951.

Que la peticionaria ha acompañado a su solicitud los siguientes documentos:

- Fotocopia autenticada de la cédula de ciudadanía No. 38.872.323 de Buga (Valle), en donde se establece la mayoría de edad.
- Certificación expedida por el Jefe de la Oficina Jurídica del Ministerio de Educación Nacional, que acredita su idoneidad como traductor e Intérprete oficial en los idiomas INGLES-ESPAÑOL-ESPAÑOL-INGLES.
- Tres declaraciones de personas que manifiestan que el solicitante es de buena conducta.
- Fotocopia autenticada del certificado judicial registrado bajo el No. 38.872.323 expedido por el Departamento Administrativo de Seguridad/DAS, en donde certifica que ANGELA ALEXANDRA PULECIO MAYORGA no tiene asuntos pendientes con las autoridades judiciales o de policía.



RESUELVE:

ARTICULO PRIMERO: Expedir licencia a ANGELA ALEXANDRA PULECIO MAYORGA, identificada con la cédula de ciudadanía No. 38.872.323 de Buga (Valle), para ejercer las funciones de Traductor e Intérprete Oficial en los idiomas INGLES- ESPAÑOL- ESPAÑOL-INGLES.

Hoja 2 de la Resolución "Por la cual se expide una licencia para ejercer funciones de Traductor e Intérprete Oficial a ANGELA ALEXANDRA PULECIO MAYORGA.

ARTICULO SEGUNDO: Comunicar el texto de la Resolución a la Subsecretaría de Asuntos Administrativos del Ministerio de Relaciones Exteriores.

ARTICULO TERCERO: La interesada deberá registrar su firma y sello ante la Oficina de Autenticaciones del Ministerio de Relaciones Exteriores, e inscribir su nombre ante el Tribunal Superior del Distrito Judicial correspondiente al territorio donde vaya a desempeñarse.

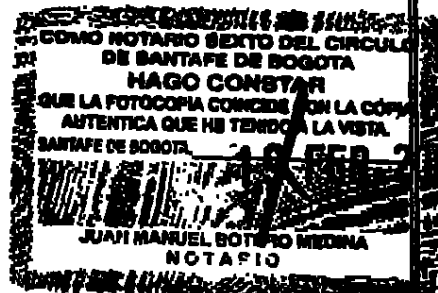
ARTICULO CUARTO: La presente resolución rige a partir de la fecha de su expedición, y contra ella proceden los recursos de reposición y apelación los cuales deberán ser interpuestos dentro de los cinco días siguientes a su notificación.

NOTIFIQUESE, COMUNIQUESE Y CUMPLASE
Dada en Santa Fe de Bogotá, D.C. a

11 MAR. 1997

YOLANDA GOMEZ RESTREPO

LLR/mmc.



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REPÚBLICA DE COLOMBIA
TRIBUNAL SUPERIOR DEL DISTRITO JUDICIAL
DE SANTAFÉ DE BOGOTÁ D.C.
SALA GENERAL

ACUERDO Nro. 046

DILIGENCIA DE POSESION DE ANGELA ALEXANDRA PULECIO MAYORGA COMO
TRADUCTOR E INTERPRETE OFICIAL DE LOS IDIOMAS:
INGLES - ESPAÑOL - ESPAÑOL - INGLES

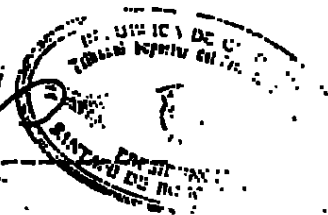
EN SANTAFÉ DE BOGOTÁ D.C. A LOS SEIS (6) DÍAS DEL MES DE MAYO DE
MIL NOVECIENTOS NOVENTA Y SIETE (1997) COMPARECIO AL DESPACHO DEL
SEÑOR PRESIDENTE DEL TRIBUNAL SUPERIOR DE SANTAFÉ DE BOGOTÁ, ANGELA
ALEXANDRA PULECIO MAYORGA IDENTIFICADA CON LA CEDULA DE CIUDADANIA
No. 38.872.323 EXPEDIDA EN BOGOTÁ CON EL FIN DE TOMAR POSESION DEL
CARGO DE TRADUCTOR E INTERPRETE OFICIAL PARA EL CUAL FUE ADMITIDA
MEDIANTE RESOLUCION NRO: 0177 DE MARZO ONCE (11) DE MIL NOVECIENTOS
NOVENTA Y SIETE (1997), EMANADA DEL MINISTERIO DE JUSTICIA Y DEL
DERECHO.

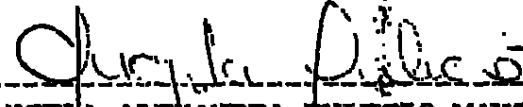
PARA TAL EFECTO, EL SEÑOR PRESIDENTE DE LA CORPORACION REGISTRAL
EL JURAMENTO DE RIGOR POR CUYA GRAVEDAD PROMETIO CUMPLIRLO
FIELMENTE CON SUS DEBERES.

COMPROBANTENIENTO DE
SANTAFÉ DE BOGOTÁ
HAGO CONSTAR
QUE LA FOTOCOPIA CONCIDE CON LA FOTOCOPIA
AUTENTICA QUE HE TENIDO A LA VISTA.
SANTAFÉ DE BOGOTÁ

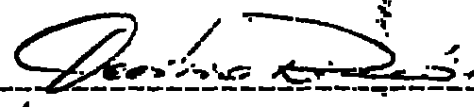
SE FIRMA POR QUIENES EN LA DILIGENCIA INTERVINIERON, MANUEL OTERO MEDINA
CONSTAR QUE LA COPIA QUE SE LE EXPIDE A LA INTERFERIDA, LE ACREDITA
SU CALIDAD DE TRADUCTOR E INTERPRETE OFICIAL.


RAMIRO TORRES LOZANO
PRESIDENTE




ANGELA ALEXANDRA PULECIO MAYORGA
POSESIONADA

NOTARIA 38-SANTAFÉ DE BOGOTÁ
Como Notario 34 de este Circuito hago
constar que esta copia coincide con el
documento original presentado para
su autenticación


MARIA INES RODRIGUEZ TORRES
SECRETARIA

12 FEB 2001
MARIO TORRES VALDERRAMA
NOTARIO TREINTA Y SEIS

S.C. Johnson A2
01.019.161 AS

TRADUCCION OFICIAL NO. 148-2001
DE UN DOCUMENTO ESCRITO EN INGLES

ESTADOS UNIDOS DE AMÉRICA

**A TODOS AQUELLOS QUE LLEGAREN A LEER EL CONTENIDO DE ESTE
DOCUMENTO**

DEPARTAMENTO DE COMERCIO DE LOS ESTADOS UNIDOS

Oficina de Marcas y Patentes de los Estados Unidos

21 de Mayo de 2001

Mediante este documento se certifica que anexo al presente se encuentra una fiel copia de los Registros de la Oficina de Marcas y Patentes de los Estados Unidos de América correspondientes a la solicitud de patente abajo identificada, la cual cumplió con los requerimientos exigidos para el otorgamiento de una fecha de presentación de conformidad con lo dispuesto en la Sección 35 USC 111.

Número de Solicitud: 09/523.005

Fecha de Presentación: 10 de Marzo de 2000

Por autoridad del

COMISIONADO DE MARCAS Y PATENTES

(Firma)

Angela A. Pulecio
ANGELA A. PULECIO MAYORGA
Traductor e Intérprete Oficial
Resol. No. 0177 del 97 MinJusticia

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T. LAWRENCE

Funcionario Encargado de Certificaciones (Firma y Sello)

=====

Sello JC780 U.S. PTO (Oficina de Marcas y Patentes)

(Código de Barras)

03/10/00

Sello JC525 U.S. PTO (Oficina de Marcas y Patentes)

09/523005

(Código de Barras)

03/10/00

TRANSMISION DE SOLICITUD DE PATENTE DE UTILIDAD

(Formulario que contiene los siguientes datos)

Caso de Abogado No. J 2957

Inventor Inicial o Identificador de Solicitud LUZ P. REQUEJO

Título EQUIPO AMBIENTADOR DE AIRE DE HIDROGEL CON FRAGANCIA

Etiqueta de Correo Expreso No. EJ484161558US

DETALLES DE LA SOLICITUD

DIRIGIR A: Comisionado Asistente para Patentes

Solicitud de Patente

Angela A. Pulecio
ANGELA A. PULECIO MAYORGA
Traductor e Intérprete Oficial
Resol. No. 0177 del/97 MinJusticia

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A

Washington, D.C. 20231

1. X Formulario de Transmisión de Tarifas
2. X Especificación [Total de Páginas 15]
- Título Descriptivo de la Invención
 - Referencias Cruzadas con Solicitudes Relacionadas
 - Declaración respecto de patrocinio Fed R&D
 - Referencia al Apéndice de Microfichas
 - Antecedentes de la Invención
 - Breve resumen de la Invención
 - Breve Descripción de los Dibujos
 - Descripción Detallada
 - Reivindicación(es)
 - Extracto de la Invención
3. Dibujo(s) [Total Páginas]
4. Juramento o Declaración [Total Páginas 2]
- a. X Recientemente expedida (original o copia)
 - b. Copias de solicitudes anteriores (En blanco)
 - i. Exclusión de Inventores (En blanco)
5. Programa de Computador en Microfichas (Apéndice) (En blanco)
6. Remisión de Secuencia de Nucleótidos y/o Aminoácidos (En blanco)

PARTES ANEXAS A LA SOLICITUD

7. Documentos de Traspaso (carátula & documentos) (En blanco)
8. Declaración X Poder conferido a abogado

Angela A. Pulecio
ANGELA A. PULECIO MAYORGA
Traductor e Intérprete Oficial
Resol. No. 0177 del 57 Minjusticia

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9. ☐ Traducción al Inglés (En blanco)
10. ☒ Declaración de Revelación de Información ☒ Copias de citaciones IDS
11. ☐ Reforma Preliminar (En blanco)
12. ☒ Tarjeta postal de Acuse de Recibo (MPEP 503)
13. ☐ Declaración de Pequeña Entidad (En blanco)
14. ☐ Copia Certificada de Documentos de Prioridad (En blanco)
15. ☐ Otros (En blanco)

16. **En caso de tratarse de una Solicitud de Continuación (En blanco)**

17. **DIRECCION DE CORRESPONDENCIA**

☒ Dirección de Correspondencia abajo indicada

Nombre J. William Frank, III

S.C. Johnson & Son, Inc.

Dirección 1525 Howe Street, MS 077

Ciudad Racine **Estado** WI **Código Postal** 53403-2236

País **Teléfono** (262) 260-2000 **Fax** (262) 260-4253

Nombre DAVID J. HOUSER **No. Registro Abogado/Agente** 29.172

Firma (Firma ilegible) **Fecha**

CERTIFICACIÓN BAJO 37 CFR 1.10

Por el presente certifico que la carta de transmisión anexa y los documentos en ella referidos están siendo depositados ante el Servicio Postal de los Estados Unidos en esta fecha.

Angela A. Pulecio
ANGELA A. PULECIO MAYORGA
Traductor e Interpretación Oficial
Resol. No. 0177 del/97 MinJusticia

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10 de Marzo de 2000

En un sobre de "Correo Expreso de Oficina Postal para el Destinatario", Número de
Etiqueta de Envío

EJ484161558 US

Dirigido a:

EL COMISIONADO DE PATENTES

WASHINGTON, D.C. 20231

Karen L. Rahm

(Firma)

Angela Pulecio
ANGELITA PULECIO MAYORGA
Traductor e Intérprete oficial
Resol. No. 0177 del/ST MinJusticia

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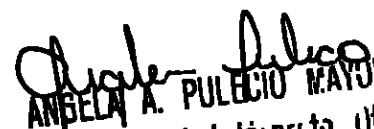
REIVINDICACIONES

1. Un equipo para la preparación de un ambientador de aire de hidrogel, con fragancia, mediante la adición de agua, donde dicho equipo comprende una cantidad medida de una resina de hidrogel y una cantidad medida de material de fragancia.
2. El equipo mencionado en la Reivindicación 1, caracterizado porque además comprende un recipiente en el cual dichas cantidades medidas de resina y material de fragancia pueden ser mezcladas con agua.
3. El equipo mencionado en la Reivindicación 2, caracterizado porque dicha resina de hidrogel comprende un polímero de poliacrilato de sodio.
4. El equipo mencionado en la Reivindicación 2, caracterizado porque dicha resina y fragancia se encuentran envasadas separadamente para mezclarse antes de la adición de agua.
5. El equipo mencionado en la Reivindicación 4, caracterizado porque además comprende un agente colorante.
6. El equipo mencionado en la Reivindicación 4, caracterizado porque la fragancia es una fragancia líquida.
7. El equipo mencionado en la Reivindicación 6, caracterizado porque dicha fragancia es un líquido encerrado dentro de un recipiente rompible.


ANGELA A. PULECIO P. AYORGA
Traductor e Interpreté Oficial
Resol. No. 0177 del/97 MinJusticia

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8. El equipo mencionado en la Reivindicación 2, caracterizado porque la resina y la fragancia son ambas sólidas.
9. El equipo mencionado en la Reivindicación 8, caracterizado porque dicha fragancia está unida a la superficie de dicha resina.
10. El equipo mencionado en la Reivindicación 1, caracterizado porque dicha resina y fragancias son proporcionadas como un saco.
11. El equipo mencionado en la Reivindicación 10, caracterizado porque dicho saco contiene polímero de ácido acrílico en forma de partículas y un material de fragancia, y donde dicho saco se caracteriza por tener una permeabilidad al agua de una sola trayectoria.
12. El equipo mencionado en la Reivindicación 11, donde dicho polímero de ácido acrílico es un polímero de poliacrilato de sodio.
13. El equipo mencionado en la Reivindicación 11, caracterizado porque además comprende un agente colorante.
14. El equipo mencionado en la Reivindicación 10, caracterizado porque el material de fragancia se encuentra en forma de partículas.


ANGELA A. PULECIO MAYORGA
Traductor e Intérprete Oficial
Resol. No. 0177 del/97 MinJusticia

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15. Un equipo para la preparación de un ambientador de aire de hidrogel, con fragancia, donde dicho equipo comprende una almohadilla impregnada con polímero de poliacrilato de sodio, de manera que dicho equipo se activa mediante la adición controlada al mismo de una solución acuosa de fragancia.
16. Un equipo mencionado en la Reivindicación 15, caracterizado porque además comprende un recipiente para proporcionar un flujo controlado de dicha solución acuosa a la almohadilla, para proporcionar un suministro constante de fragancia.
17. Un equipo mencionado en la Reivindicación 16, caracterizado porque dicha almohadilla es un elemento reemplazable de dicho equipo.
18. Un equipo para la preparación de un ambientador de aire de hidrogel, con fragancia, donde dicho equipo comprende una almohadilla impregnada con polímero de poliacrilato de sodio y una fragancia, de manera que dicho equipo se activa mediante la adición controlada al mismo de agua.
19. Un equipo mencionado en la Reivindicación 18, caracterizado además porque comprende un recipiente para proporcionar un flujo controlado de dicha solución acuosa a la almohadilla para suministrar un suministro consistente de fragancia.
20. Un equipo mencionado en la Reivindicación 19, caracterizado porque dicha almohadilla es un elemento reemplazable de dicho equipo.


ANGELA A. PULECIO MAYORGA
Traductor e Intérprete Oficial
Resol. No. 0177 del/97 MinJusticia

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RESUMEN DE LA INVENCION

Los equipos para consumidores de ambientadores de aire de hidrogel son suministrados de manera tal que comprenden una resina acrílica, un material de fragancia y un agente colorante. El equipo puede tener varias formas, como un recipiente en el cual están envasadas las cantidades apropiadas de resina, fragancia, y colorante, a las cuales se le ha de añadir un volumen de agua. De otra forma, el equipo puede comprender un saco o almohadilla que contiene los materiales antes mencionados, a los cuales se les puede añadir agua para formar un aparato ambientador de aire en gel. Adicionalmente, una almohadilla o un saco, que contiene la resina de hidrogel y un agente colorante, si se desea, puede sujetarse al suministro continuo controlado de una solución acuosa de una fragancia, ya sea a largo plazo, donde se obtiene una fragancia consistente.

Angela Pulecio
ANGELA I.A. PULECIO MAYORGA
Traductor e Interpretación Oficial
Resol. No. 0177 del/97 MinJusticia

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PODER Y DECLARACIÓN COMBINADA PARA SOLICITUD DE PATENTE

Como el inventor mencionado más adelante, por el presente declaro que:

Mi residencia, dirección de oficina postal y ciudadanía son las abajo indicadas junto a mi nombre:

Creo que soy el inventor original, primero y conjunto del asunto objeto que está siendo reivindicado y para el cual se busca una patente en la invención EQUIPO AMBIENTADOR DE AIRE DE HIDROGEL CON FRAGANCIA que está siendo presentada con el presente.

Por el presente declaro que he revisado y entiendo el contenido de la descripción arriba identificada, incluyendo las reivindicaciones.

Reconozco el deber de divulgar la información que sea esencial para examinar esta solicitud de acuerdo con el Título 37, Código de Regulaciones Federales , §1.56(a).

Por el presente reivindico beneficios de prioridad extranjeras bajo el Título 35, del Código de los Estados Unidos §119 de cualquier solicitud(es) extranjera(s) de patente o certificado de inventor abajo mencionado y he identificado abajo cualquier solicitud de patente o certificado de inventor que tenga fecha anterior a la fecha de aquella solicitud respecto de la cual se reivindica prioridad:

País	Solic. No.	Presentada	Prioridad reivindicada
		(Día/Mes/Año)	(Si/No)

Por el presente designamos a J. William Frank, III (Reg. No. 25.626), Richard E. Rakoczy (Reg. No. 28.661), David J. Houser (Reg. No. 29.172) Laura L. Bozek (Reg. No. 38.035) o Kristin L. Chapman (Reg. No. 38.102) como nuestros abogados para tramitar


ANGELA A. PULECIO MAYORGA
Traductor e Intérprete Oficial
Resol. No. 0177 del/97 MinJusticia

5288

esta solicitud y para realizar todos los asuntos relacionados ante la Oficina de Marcas y Patentes.

Dirigir toda la correspondencia a: S.C. JOHNSON & SON, INC.
Sección de Patentes – M.S. 077
1525 Howe Street
Racine, WI 53403
Teléfono: (262) 260-2000

Por el presente declaramos que todas las afirmaciones hechas en el presente que son de nuestro conocimiento son ciertas y que todas las afirmaciones hechas con base en información y credibilidad se consideran ciertas; y adicionalmente que estas afirmaciones y lo que implican son sancionadas mediante multa o prisión, o ambas, bajo la Sección 1001 del Título 18 del Código de los Estados Unidos y que dichas declaraciones falsas voluntarias pueden obstaculizar la validez de esta solicitud o de las patentes que se expidan en relación con la misma.

Nombre Completo del Primer Inventor: Luz P. Requejo

Firma del Inventor: (Firma)

Fecha: 3/10/00 Ciudadano sujeto de: E.U.A.

Residencia: Condado de Racine, Estado de Wisconsin

Dirección de Oficina Postal: 404 DeKoven Avenue, Racine, WI 53403

Es traducción fiel de la cual queda copia en el archivo del Traductor para su confrontación, a la cual me remito.

Bogotá, D.C. 5 de Junio de 2001

Angela Pulecio
ANGELITA PULECIO MAYORGA
Traductor e Intérprete Oficial
Resol. No. 0177 del 97 MinJusticia

STILLERSON & JOHNSON
01.019.161 56
53

PA 412642



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

May 21, 2001

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: 09/523,005 ✓

FILING DATE: March 10, 2000



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

**T. LAWRENCE
Certifying Officer**

3-13-00

PTO/550 (4/95)

Approved for use through 02/20/2000 OMB 0551-0002

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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

Under the Patentable Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. **J 2957**First Inventor or Application Identifier **LUZ P. REQUEJO**Title **FRAGRANCED HYDROGEL AIR FRESHENER KIT**Express Mail Label No. **EJ484161558US**

APPLICATION ELEMENTS

See MPEP chapter 500 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ * Fee Transmittal Form (e.g., PTO/550/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages **15**]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche 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
3. ☐ Drawing(s) (35 U.S.C. 113) [Total Sheets **1**]
4. Oath or Declaration [Total Pages **2**]
- a. ☒ Newly executed (original or copy)
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(for continuation/divisional with Box 16 completed)
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Signed statement attached deleting
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see 37 C.F.R. §§ 1.53(d)(2) and 1.53(b).

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
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ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement of Attorney
(when there is an assignee) ☒ Power of Attorney
9. ☐ English Translation Document (if applicable)
10. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
11. ☐ Preliminary Amendment
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FRAGRANCED HYDROGEL AIR FRESHENER KITS

RELATED APPLICATION(S)

5 Not applicable.

FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

Not applicable.

BACKGROUND OF THE INVENTION

Technical Field

The present invention relates to air fresheners comprising a fragrance and a hydrogel composition suitable for preparation and activation by the consumer.

15 The air fresheners so prepared may take a variety of forms, determined by the specific materials provided, from gel compositions which release fragrance by evaporation, to impregnated sachets containing both resin and fragrance, which permit absorption of water, but permit release of their contents only as a vapor, to hydrogel coated cellulosic or non-woven polyolefin material which is continuously
20 fed with fresh fragrance by controlled liquid release from a reservoir, or spray hydrogel and fragrance coated pads activated by the addition of water.

Background Art

25 It is known that gel materials may be prepared from a variety of differing polymeric resins. It is also known that such gels may be impregnated with fragrance or deodorant materials. Many such gels have been sold to the public in the form of air fresheners, usually in glass or plastic containers for placement at a location of the consumer's choice.

30 For example, Kilment, U. S. Patent Number 4,587,129, teaches that lower alkyl alkenoate based hydrogels may be used for entrapping flavors and fragrances, for use as solid air fresheners or sachets.

Gould et al, In U. S. Patent Number 3,576,760, disclose preparation of dry

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powders of water soluble hydroxyalkyl acrylate or methacrylate polymers useful as carriers for fragrances. Such materials as orange oil may be entrapped in the polymer for release upon contact with water.

In U. S. Patent Number 3,567,118, Shepard et al describe dry products comprising fiber substrates impregnated with hydrophilic gels of (meth)acrylate polymers entrapping fragrance-emitting agents, which release fragrance when wetted.

Martin et al, in U. S. Patent Number 5,976,503, and Booth, Jr., et al, in U. S. Patent Number 4,869,407, teach air fresheners including means for active dispensing of fragrance. In Martin et al, the dispensing means employs heat, while Booth, Jr., et al employ a bellows to dispense fragrance from an impregnated paper based wafer disc.

Semoff et al, in U. S. Patent Number 5,679,334, disclose a transparent gel air freshener containing an ornamental botanical.

Fujlura et al, U. S. Patent Number 5,904,028, discloses a diffusing device containing a water-swellaable gel carrying a fragrance agent. The device comprises a packet having a water permeable portion, and the patent teaches immersing the packet in water containing a fragrance whereby the resin absorbs the fragrance for subsequent release.

In addition, Pera, in U. S. Patent Number 4,906,488, discloses compositions comprising liquid-to-soft gels, of monomers, prepolymers, or polymers, referred to collectively as "mers", having a permeant therein for slow release to the environment. The patent is directed to formation of a solution of "mer" in the permeant, reacting the "mer" without encapsulation, and recovering a liquid product useful in slow-release products.

One problem with such air fresheners is that the fragrance material, or the air freshening component therein, often dissipates or evaporates to some extent before being opened by the consumer, as a result of poor packaging, or exposure to moisture or extreme temperature variation during shipment. Accordingly, one of the objects of the present invention is to provide an air freshener which is activated by the consumer at the time of use, and is thus fresh and complete until such time as it is to be used. Another object of the present invention is to provide

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be so characterized, provided that the remaining surface area be impermeable to water. In the sachet may be combined a dry resin, a colorant if desired, and a particulate fragrance. To activate the sachet, the consumer need only immerse it in water, or spray the surface thereof with sufficient water to activate the gel formation of the resin and dissolve the fragrance, if it is water soluble. After being contacted by a sufficient volume of water, the activated sachet may be removed and hung in any convenient location, such as in the home or auto, for the consumer to enjoy its pleasant aroma as the fragrance component thereof is released to the atmosphere. Because the sachet is manufactured of material having one way permeability to water, no excess water absorbed during activation will be released, preventing the loss of any soluble fragrance, and preventing the formation of unsightly stains, puddles, rings, etc.

In still another related embodiment of the invention, a sachet as described above, or a pad of resin and fragrance impregnated or coated material, is placed in a convenient location, such as a dish or bowl, and a controlled amount of water is released upon the surface thereof. By the term pad, applicant refers to a substrate or a cloth like structure of uniform nature, as opposed to a sachet, which comprises an outer cover surrounding separate and distinct internal contents. Such a pad may constitute a woven, e.g. cloth, or non woven fabric, e.g. felt, as well as paper. While the preferred fibrous materials are cellulosic, e.g. cotton and paper, there may be employed other fibers such as nylon, acrylonitrile fibers, polyvinyl chloride fibers, wool, and polyethylene terephthalate fibers. The preferred composite fiber comprises a paper or cardboard like structure.

In this manner, the dry resin is caused to absorb the water and form a gel, which is subsequently contacted by additional water. By control of the rate of addition of liquid to the pad, based upon the evaporation rate of the fragrance mixture from the gel, a consistent rate of fragrance release, and a no-fade dispenser thereof, is attained. In such an embodiment, the fragrance may be in a solid form, mixed with the resin in the pad, or alternatively, may be added in liquid form to the water which is permitted to contact the pad over time. In still a further alternative to this embodiment, the gel itself may be provided to the consumer, rather than a gel coated or impregnated substrate. In such an instance, applicant

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envisions providing a source of water, or fragrance dissolved in water, said source having a controlled rate of release, at the approximate rate of evaporation of the water absorbed by the gel, so as to obtain a consistent rate of fragrance release. Such controlled rate of release may be obtained, for example, by gravity means, or metering of the water through a channel having holes of the appropriate diameter, or by wicking means.

DETAILED DESCRIPTION OF THE INVENTION

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10 In the simplest embodiment of the invention, the consumer is provided a kit for the preparation of an air freshener device. The basic components of the kit comprise a measured amount of a dry resinous material which when mixed with water will absorb the water to form a gel. While various gel forming resins are known, the preferred material for the present invention is an acrylic resin, such as sodium polyacrylate, for reasons of stability, low cost, high liquid absorbency, and ease of use. Other suitable materials include swellable pectin, starch, or cellulose. The resin is preferably provided as a solid particulate or powder, packaged in a plastic bag, for example, in a sachet such as disclosed previously, characterized as having one way permeability to water, or in a small vial. It is desirable that such packaging be air-tight, so as to limit the undesirable access thereto of water, humidity or air borne moisture. Further, such packaging should preferably be easily openable, economically produced, and ecologically safe for disposal.

25 Packaged with the resin in the kit may be a fragrance material, such as a conventional air freshener fragrance, in liquid form, either as a water soluble solution, or as a solvent based solution, or in solid form, such as a freeze dried or encapsulated powder. The fragrance material may also be sprayed upon the surface of the hydrogel resin. Exemplary of such fragrance materials are such fragrance ingredients which may be used to create satisfactory aromas, including but not limited to myrrh, cedarwood, cedrenol, cedrol, birch, methyl salicylate, fir balsam, sandalwood, santalol, juniper, benzoin, coniferyl benzoate, thyme, thymol, bay, eugenol, myrcene, basil, camphor, methyl cinnamate, cinnamon, cinnamic aldehyde, rosemary, clove, and borneol.

Preferably, the fragrance or air freshener is a fragrance comprising one or

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If so desired, the kit may contain a colorant to cause the hydrogel to have a distinct coloration. Such colorant may be present as a separate component to be

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mixed with the hydrogel resin and the fragrance, or as a pre-mixed component of either. The colorant is preferably present in a water soluble form for even distribution when the component materials are mixed with water to activate the kit, and to form the gel.

5 The kit may also contain a suitable container for the hydrogel air freshener, or may contain instructions as to the type of container best used for the preparation of the air freshener. The container should be a dish, bowl, jar, or such, of suitable volume and aesthetically pleasing, made of an inactive material, such as glass or plastic which will not react with any of the components of the kit, or with
10 any solvent material present in the fragrance or hydrogel resin. Glass or hard transparent plastic is preferred.

In a preferred embodiment, the kit comprises a glass jar, such as commonly used for jar candles, containing a small plastic bag of pre-colored hydrogel resin, and a small glass or plastic vial of fragrance. The kit may further comprise
15 a plastic lid, having small openings therein, whereby fragrance may be released to the atmosphere after the hydrogel air freshener kit has been activated by the addition of water by the consumer, and reclosure with the lid to prevent accidental exposure of the contents such as by children touching or playing with the gel.

The lid may also be designed to enhance air flow for better fragrance delivery to
20 the environment.

When the consumer wishes to avail himself or herself of the air freshener device, the consumer may open the component packages, and mix the contents thereof in the container provided, or in a suitable container of the consumers choice. Thus, the consumer may pre-mix the resin, the colorant if present individually, and the fragrance material. To this mixture, the consumer adds a
25 volume of water in accordance with instructions present with the kit, said volume of water being of a relatively large volume in comparison to the volume of resin, colorant, and fragrance present. After addition of the water, the consumer may stir, mix, or shake the liquid mixture to assure full contact of the water with all of
30 the other components present. The fully mixed container may then be put aside for a few minutes, for the reaction and absorption of the water and the formation of a gel. As the gel forms, the fragrance and colorant if present are evenly

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distributed in the gel. Dependent upon the resin used, the particulate size thereof, the volume of water added, and the manner and duration of mixing, the consumer may obtain a variety of gel forms, ranging from a clear gel similar in appearance to a body of liquid, to a slushy mixture, or to a container of crystal like, small "cubes" of gel. It is to be noted that no surfactant need be present in the gel resin system of the present invention, and that if a surfactant is present, the resultant gel tends to be cloudy rather than clear.

As previously indicated, the preferred hydrogel resin for the present invention comprises a polyacrylate polymer, preferably of the type used for super absorbents. Typical of such resins are Alcosorb G1 acrylic resin, available from Ciba Specialty Chemicals, of Suffolk Virginia, a cross-linked sodium polyacrylate polymer, having internal cross-linking only, and providing a high degree of swelling and rapid water release. Also available for the present invention, from Ciba, are Alcosorb G3, a double cross-linked polyacrylate polymer having both interior and exterior cross-linking, and Alcosorb AB3C, a copolymer of acrylamide sodium acrylate generally used as a flocculent, having larger particle size, in the range of from 800 to 1200 microns, which yields a large crystal like appearance after absorption of water. An additional suitable resin is sold by Ciba Specialty Chemicals under the trade name Gelling Agent #14, which is a white free flowing powder comprising a cross-linked sodium polyacrylate. It is to be noted that the particle size of such resins will affect the appearance of the finished gel air freshener. Small, powder sized resin will produce a Jello®-like gel, while larger particulate resins will produce a crystal like gel. Similar hydrogel forming resins are also available under various trade-names, such as Horta-Sorb®, from Horticultural Alliance, Inc., of Sarasota, FL, Cabloc CT™ of Stochausen, Germany, and Hydrosorb™ from The Illinois Marketing Board. Further, the rate of absorbency of the resin is dependent upon the degree of cross-linking and particle size of the superabsorbent, with less cross linkage providing more rapid absorption, and more rapid release of water.

As an example of the above embodiment of the invention, a hydrogel air freshener kits were prepared, comprising a small plastic container containing 0.5 to about 2 grams of Alcosorb G3 sodium polyacrylate polymer resin, and a small

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vial containing from about 2 to about 8 grams of a liquid jasmine fragrance. The polyacrylate resin was premixed with about 0.04 weight percent of the coloring agent Red F-5B, from Clariant. The resin and the fragrance were provided in a small candle jar, having a plastic lid. Upon opening of the lid and removal of the contents, the resin and fragrance were pre-mixed in the candle jar, followed by addition of about 150 cc of tap water. After about 1.5 minutes, a light red gel was formed, containing the fragrance. Water hardness will have an effect on the gelling time of the mixture, and to compensate for the variation in water hardness, 0.5 to 2 percent by weight of the desired air freshener weight should be used. The fragrancd gel was left open to the atmosphere, with no cover, and the air freshening effect thereof was noticeable for an extended period of time. The finished gel may be contained in a variety of containers. The greater the surface area of gel exposed to the air, the stronger the fragrance strength, due to the greater number of fragrance molecules released into the atmosphere. Smaller mouth containers, on the other hand, will have a weaker fragrance strength, due to a lower evaporation rate, but a longer product life.

In another embodiment of the invention, a kit is provided to the consumer as set forth above, wherein the hydrogel resin is provided in the form of a sachet, characterized by having one way permeability to water, wherein the colorant and fragrance material are included within the sachet. For example, the fragrance may be provided as a solid particulate material, either crystalline or powder, or as a spray dried fragrance, either mixed with or upon the surface of the resin. Suitable forms of solid fragrance materials include spray dried powders, and encapsulated fragrances. Alternatively, the fragrance may be a liquid, included in a breakable container within the sachet, which the consumer may squeeze or flex to break open and release the fragrance. Upon addition of water to the sachet, a hydrogel rapidly forms, constrained by the packet. It is also possible for the packet to be such that it would be dissolved by the water, or easily torn apart by the expansion of the rapidly formed gel upon reaction of the resin and the water. Such a sachet may be provided with a suitable container into which the necessary amount of water may be poured by the consumer, or, alternatively, by itself for use in a container of the consumer's choice. As previously indicated, the con-

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talner should be preferably of glass, or an inert plastic material which will not react with or be effected by the water, the resin, the resulting gel, any colorant present, or the fragrance material.

As an example of this embodiment of the invention, a sachet of sodium polyacrylate resin, comprising 0.5 to 2 grams of resin in a water insoluble cellulosic fiber packet was provided, with a spray dried fragrance comprising lemon oil absorbed in starch included, packaged in a candle jar as in the above example. The sachet was submerged in sufficient water in the candle jar to provide a water to resin ratio of about 150:1, for about 5 minutes, at which time the water and fragrance had been essentially absorbed by the resin, providing a fragrant gel air freshener. The gel was exposed to the atmosphere, and the fragrance was noticeable for a considerable number of days, during which time the gel dried and shrank. The gel was subsequently subjected to a soaking in additional water to attempt to regenerate the air freshener, which resulted in a regeneration of the gel, but only low notes of the fragrance were noted after removal of the gel from the water.

As an alternative of this embodiment, a water activated dye or coloring agent was printed on the surface of the sachet to serve as an indicator of usage. In this instance the color was vibrant when the sachet was wet, and almost colorless when dry.

In another form of the invention, a pad of material such as an absorbent cotton or other cellulosic or non-woven polyolefin material, may be coated or impregnated with a mixture of resin and fragrance, dried, and provided to the consumer in moisture resistant packaging. Such a pad need not be limited to cellulosic materials, but may include polyolefins, such as polyethylene, or polyesters. This pad may then be removed from the moisture resistant packaging, and activated by spraying with water or immersion in water, to provide a hydrogel air freshener which will release fragrance over a period of time. After activation of the powdered gel, the pad may be placed in a location of the consumer's choice for extended air freshening.

As an example of this embodiment of the invention, a cellulosic pad, comprising paper, was impregnated with polyacrylate polymer powder (Gelling

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separately) to the metering bottle. In such case, pads may be sold separately, having various fragrances therein, so as to offer the consumer replacement pads of varying fragrance to be used with the reusable metering bottle and tray. Or, various solutions of differing fragrance may be offered to be utilized with gel
5 Impregnated pads (having no fragrance), so as to permit the consumer the opportunity to vary the fragrance as desired.

INDUSTRIAL APPLICABILITY

While the present invention has been described with respect to what
10 is at present considered to be the preferred embodiments, it is to be understood that the invention is not to be limited to the disclosed embodiments. To the contrary, the invention is intended to cover various modifications and equivalent arrangements within the spirit and scope of the appended claims. The scope of
15 the following claims is to be accorded the broadest interpretation so as to encompass all such modifications and equivalent formulations and functions.

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CLAIMS

1. A kit for the preparation of a fragranced hydrogel air freshener by the addition of water, said kit comprising a measured quantity of a hydrogel resin, and a measured quantity of fragrance material.
2. The kit of Claim 1, further comprising a container in which said measured quantities of resin and fragrance material may be mixed with water.
3. The kit of Claim 2, wherein said hydrogel resin comprises a sodium polyacrylate polymer.
4. The kit of Claim 2, wherein said resin and fragrance are packaged separately for mixing prior to addition of water.
5. The kit of Claim 4, further comprising a coloring agent.
6. The kit of Claim 4, wherein said fragrance is a liquid fragrance.
7. The kit of Claim 6, wherein said fragrance is a liquid enclosed within a breakable container.
8. The kit of Claim 2, wherein said resin and said fragrance are both solid.
9. The kit of Claim 8, wherein said fragrance is bonded to the surface of said resin.
10. The kit of Claim 1, wherein said resin and said fragrance are provided as a sachet.
11. The kit of Claim 10, wherein said sachet contains particulate acrylic acid polymer and a fragrance material, and said sachet is characterized by one way permeability to water.

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12. The kit of Claim 11, wherein said acrylic acid polymer is a sodium polyacrylate polymer.
- 5 13. The kit of Claim 11, further comprising a coloring agent.
14. The kit of Claim 10, wherein said fragrance material is particulate.
- 10 15. A kit for the preparation of a fragranced hydrogel air freshener, said kit comprising a pad impregnated with sodium polyacrylate polymer, said kit being activated by the controlled addition thereto of a water solution of fragrance.
- 15 16. A kit as set forth in Claim 15, further comprising a container for providing a controlled flow of said water solution to said pad so as to provide a consistent dispensing of fragrance.
17. A kit as set forth in Claim 16, wherein said pad is a replaceable element of said kit.
- 20 18. A kit for the preparation of a fragranced hydrogel air freshener, said kit comprising a pad impregnated with sodium polyacrylate polymer and a fragrance, said kit being activated by the controlled addition thereto of water.
- 25 19. A kit as set forth in Claim 18, further comprising a container for providing a controlled flow of said water solution to said pad so as to provide a consistent dispensing of fragrance.
- 30 20. A kit as set forth in Claim 19, wherein said pad is a replaceable element of said kit.

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ABSTRACT

Kits for consumer activated hydrogel air fresheners are provided, comprising an acrylic resin, a fragrancing material, and a coloring agent. The kit may take various forms, such as a container in which are packaged the appropriate amounts of resin, fragrance, and colorant, to which a volume of water is to be added. In another form, the kit may comprise a sachet or pad containing the above materials, to which water may be added to form a gel air freshener device. Further, a pad or sachet, containing the hydrogel resin and a coloring agent if desired, may be subjected to the controlled continuous feed of a water solution of a fragrance, whereby a long term, consistent fragrancing is obtained.

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**COMBINED DECLARATION AND POWER OF
ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, i hereby declare that:

My residence, post office address and citizenship are as stated below next to my name:

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought in the invention FRAGRANCED HYDROGEL AIR FRESHENER KIT which is being filed herewith.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Country	Appln. No.	Filed (Day/Mo/Yr.)	Priority Claimed (Yes/No)
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We hereby appoint J. William Frank, III (Reg. No. 25,626), Richard B. Rakoczy (Reg. No. 28,661), David J. Houser (Reg. No. 29,172) Laura L. Bozek (Reg. No.38,085) or Kristin L. Chapman (Reg. No. 38,102) as our attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

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We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

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Inventor's Signature: * *Luz P. Requejo*
Date: 3/18/00 Citizen Subject of: U.S.A.
Residence: County of Racine, State of Wisconsin
Post Office Address: 404 DeKoven Avenue, Racine, WI 53403

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TRASPASO

POR CUANTO YO, Luz P. Requejo, (mencionada mas adelante bajo como CEDENTE), residente, como se indica abajo, ha efectuado un invento por el cual se ha solicitado Patente de Privilegio de Invención de los Estados Unidos en la Oficina de Patentes y Marcas de Fábrica de los Estados Unidos como Solicitud Serie No. 09/523,005, presentada en Marzo 10 de 2000, mencionando al CEDENTE como inventor, y denominado KIT DE FRAGANCIA EN HIDROGEL REFRESCANTE DE AIRE; y

POR CUANTO, S.C. Johnson & Son, Inc., una sociedad debidamente organizada y existente bajo las leyes del Estado de Wisconsin, Estados Unidos de América, la cual tiene su oficina principal y domicilio social en 1525 Howe Street, Racine Wisconsin 53403 (mencionado mas adelante el "CESIONARIO") desea obtener todo el derecho, título e interés del invento y solicitud de patente arriba mencionado y los correspondientes derechos de patente en todo el mundo;

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EN TESTIMONIO DE ELLO, he puesto mi firma y sello en el presente el día 10 de Marzo de 2000.

Firmado: Luz P. Requejo

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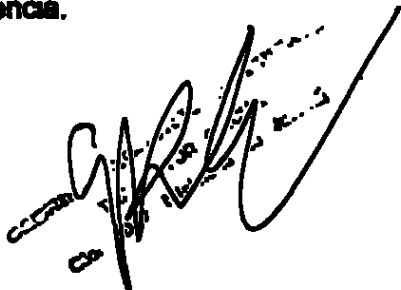
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Estado de WISCONSIN

Condado de RACINE

En este día 10 de Marzo de 2000, ante mí, un Notario Público en y para el Estado y Condado ya mencionado, compareció personalmente el firmante arriba citado, a quien conozco y me consta que es la persona de ese nombre que firmó dicho instrumento en mi presencia.



Firmado: Karen L. Rahm, Notario Público

Mi comisión expira en 8/13/2000

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Yo, Debra S. Bielefeldt, estando primero debidamente juramentada, declaro bajo juramento y digo que soy Asesora Legal para Patentes Extranjeras de S:C. Johnson & Son. Inc. y que lo adjunto es una copia fiel y correcta del documento de Traspaso correspondiente al Expediente No. J-2957, Patente de los Estados Unidos Serie No. 09/523.005 presentada en Marzo 10 de 2000.

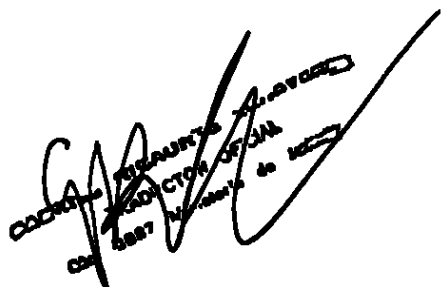
Firmado: Debra S. Bielefeldt

ESTADO DE WISCONSIN)

) SS

CONDADO DE RACINE)

El día 6 de Marzo de 2001, compareció ante mí la mencionada Debra S. Bielefeldt, a quien conozco y me consta que es Asesor Legal para Patentes Extranjeras de S:C. Johnson & Son. Inc.

A handwritten signature in black ink is written over a circular notary stamp. The stamp contains the text "NOTARY PUBLIC", "STATE OF WISCONSIN", and "COM. 5887".

Firmado: Sharon L. Klaus

Sharon L. Klaus, Notario Público

Condado de Racine; Wisconsin

Mi Comisión Expira en 8/8/2004

Sello en relieve: Sharon L. Klaus – Notario Público – Estado de Wisconsin

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ESTADO DE WISCONSIN

Despacho del Secretario de Estado

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(Convención de La Haya de octubre 5 de 1961)

1. País: Estados Unidos de América
2. Este Documento Público ha sido firmado por SHARON L. KLAUS
3. actuando en su condición de Notario Público, Estado de Wisconsin
4. tiene el sello del Notario Público, Estado de Wisconsin,

CERTIFICADO

5. En Madison., Wisconsin 6. Marzo 12 de 2001
7. Por el **Secretario del Estado de Wisconsin**
8. No. 57250
9. Sello: Sello en relieve: Gran Sello del Estado de Wisconsin
- 10.. Firma: Douglas La Follette

DOUGLAS LA FOLLETTE

Secretario del Estado

二二二二二二

Es traducción fiel y completa, de la cual queda copia en el archivo de esta Oficina de Traducciones para su confrontación, a la cual me remito

Derechos de traducción: \$40.000,00

Bogotá, D.C., 19 de abril de 2001

G. Priante
 00222 - NEW YORK 25 - AVONDA
 TRANSDUCTOR OFFICIAL
 00222 - Ministerio de Justicia

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38167 2082
S.C. Johnson
& Son, Inc
oath 01.019.161

Debra S. Bielefeldt

STATE OF WISCONSIN)

COUNTY OF RACINE) ss.
)

**Sharon L. Klaus, Notary Public
Racine County, Wisconsin**

(SEAL)

THE STATE OF WISCONSIN

79 83

Office of the
Secretary of State

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1 Country: United States of America

2. This public document has been signed by SHARON L. KLAUS

3. acting in the capacity of Notary Public, State of Wisconsin

4. bears the seal/stamp of Notary Public, State of Wisconsin

CERTIFIED

5. at Madison, Wisconsin

6. March 12, 2001

7. by the Secretary of State of Wisconsin

8. No. 57250

9. Seal/stamp:



10. Signature:

Douglas LaFollette

DOUGLAS LA FOLLETTE
Secretary of State

ASSIGNMENT

WHEREAS, I, Luz P. Requejo, (below referred to as ASSIGNOR), residing, respectively, as set forth hereinafter, have made an invention for which application for Letters Patent of the United States was filed in the United States Patent and Trademark Office as Application Serial No. 09/523,005, filed March 10, 2000, naming the ASSIGNOR as inventor, and entitled FRAGRANCED HYDROGEL AIR FRESHENER KIT; and

WHEREAS, S. C. Johnson & Son, Inc., a corporation duly organized and existing under the laws of the State of Wisconsin, United States of America and having its principal office and place of business at 1525 Howe Street, Racine, Wisconsin 53403 (below referred to as "ASSIGNEE") is desirous of obtaining the entire right, title and interest in and to the aforesaid invention and patent application corresponding patent rights worldwide;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR, by these presents do sell, assign and transfer to ASSIGNEE, the full and exclusive right, title and interest in and to the aforesaid invention, the aforesaid U.S. and all corresponding foreign patent applications, all divisional, continuation, continuation-in-part, reissue and reexamination applications of the aforesaid U.S. application, and all Letters Patent or comparable rights issuing thereon in the United States and in all foreign countries together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorize and request the U.S. Commissioner of Patent and Trademarks and all foreign Patent offices to issue all Letters Patent or comparable rights issuing on any application as aforesaid to ASSIGNEE, or to its successors, assigns or legal representatives;

ASSIGNOR hereby covenant that ASSIGNORS have full right to convey the entire interest herein assigned, and that ASSIGNOR have not executed, and will not execute, any agreement in conflict herewith;

ASSIGNOR agree to communicate to ASSIGNEE or to its successors, assigns or legal representatives any and all facts known to them or any of them respecting said invention, and without further remuneration to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and reexamination applications, make all rightful oaths and generally do all lawful acts to aid ASSIGNEE or its successors, assigns or legal representatives to obtain and enforce proper patent protection for said invention in all countries and to enhance or perfect ASSIGNEE's title in and to the invention and patent rights therein.

ASSIGNOR hereby authorize attorneys for ASSIGNEE to enter on this document any applicable serial numbers and filing dates after ASSIGNORS execution of this document.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 10 day of March, 2000.

Luz P. Requejo

Luz P. Requejo
404 DeKoven Avenue
Racine, WI 53403

State of WISCONSIN
County of RACINE

On this 10 day of March, 2000, before me, a Notary Public in and for the State and County aforesaid, personally appeared the above signatory, know to me to be the person of that name, who executed the aforesaid instrument in my presence.

Karen L. Rahm

Karen L. Rahm, Notary Public
My commission expires: 8/13/2000