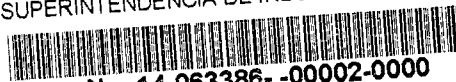


Señor Director
DIRECCION DE NUEVAS CREACIONES
Superintendencia de Industria y Comercio
E. S. D.

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 14-063386-00002-0000

Fecha: 2014-05-22 16:45:00 Dep. 2020 DIR.NUEVASCR
Tra. 11 PATENTEIYII Eve: 379 FASENACIONALII
Act. 444 RESPUESTAREQUE Folios: 46

Trámite : 011
Evento : 379
Actuación : 444

Referencia : Expediente No. 14.063.386
Asunto : Solicitud de patente para **DISPENSADOR DE PRODUCTOS Y MIEMBRO QUE FORMA LA CUBIERTA PARA UN DISPENSADOR DE PRODUCTOS**
Solicitante : **SCA HYGIENE PRODUCTS AB**
Clase : A47K 010/042, B65D 083/008
Fecha de solicitud : 25 de marzo de 2014

RESPUESTA OFICIO No. 4374

1. Yo, Luz Clemencia de PÁEZ, obrando como apoderada del solicitante en el asunto de la referencia, doy respuesta al Oficio No. **4374**, notificado por fijación en lista de fecha 08 de abril de 2014.

2. Mediante el Oficio No. **4374** se puso en conocimiento del solicitante el resultado del examen de forma realizado por ese Despacho, informando lo siguiente:

2.1. El solicitante debe aclarar si la solicitud corresponde al capítulo I o II del PCT.

2.2. Las modificaciones presentadas no se aceptan por que no existen modificaciones efectuadas en la fase internacional (Art. 19 y 34 del PCT).

Al respecto me permito aclarar que la solicitud de patente de la referencia se tramita bajo las reglas del **Capítulo II** del PCT, y las reivindicaciones presentadas el día 25 de marzo de 2014, esto es junto con la solicitud de fase nacional, corresponden a las reivindicaciones modificadas en la fase internacional presentadas junto con la Solicitud para Capítulo II (Demand de fecha 10 de enero de 2014).

Como prueba de lo anterior, adjunto copia de la solicitud de Examen Preliminar Internacional (Art. 31 del PCT) correspondiente. Me permito informar a ese Despacho que el Examen Preliminar Internacional para el presente caso aún no se encuentra

"EXCELENCIA LEGAL EN UN MUNDO SIN FRONTERAS"

disponible para consulta en la base de datos de la OMPI razón por la cual el mismo no fue presentado junto con esta solicitud.

Adicionalmente, presento con este escrito copia de la Opinión Escrita emitida por la autoridad internacional (Regla 66 del PCT) y copia de la respuesta a dicha Opinión Escrita junto con un nuevo capítulo reivindicatorio modificado, **correspondiente a 14 reivindicaciones**, sobre las cuales mi representada solicita que se realice el examen de patentabilidad.

4. Por las razones anteriormente expuestas, amablemente solicito a ese Despacho continuar con el trámite de la presente solicitud de patente bajo las reglas del Capítulo II del PCT, y aceptar las reivindicaciones 1 a 14, modificadas en respuesta a la Opinión Escrita y presentadas durante el trámite de la fase internacional el 22 de abril de 2014.

5. **Documento de cesión de derechos de los inventores:** Adicionalmente, acompaño con este escrito un (1) documento en que consta la cesión de derechos del inventor **Justin SIEBEL** a favor de la sociedad solicitante, junto con su correspondiente traducción al español.

Señor Director,


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European Patent Office

80298 Munich

Munich, April 22, 2014

Our Ref.: 157 419 r35/t7/lfa
International Application PCT/EP2012/064493
SCA Hygiene Products AB

This is in response to the Written Opinion of the International Preliminary Examining Authority (WO-IPEA) dated 21 February, 2014.

Amendments

We are enclosing amended Claims 1 to 14, to replace, without prejudice, Claims 1 to 15 as presently on file. Two copies of the amended claims are enclosed; one with the changes tracked as compared to the claims as presently on file, and a tidy copy.

Previous dependent Claim 5 has been inserted into previous independent Claims 1 and 2 to form new independent Claims 1 and 2 respectively. The remaining claims and their dependencies have been re-numbered accordingly.

In response to Items IV and VII, EPO specific requirements will be considered during any EPO regional phase.

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Novelty

In Section 2.2 under Item V, the Examiner asserts that previous Claim 1 lacks novelty in view of document D2.

New Claim 1 recites:

*“wherein the **guide includes a pivot depression**, and wherein the projection is located in the depression when ... in the second position **to form a hinge** about which the cover member is rotatable to the open position”.*

In Section 2.21 under Item V, the Examiner states that the slot 152 of D2 is comparable to the guide of Claim 1. In contrast to new Claim 1, referring to Figure 1D of D2, it is clear that the slot 152 does not include a “pivot depression”.

Furthermore, it is clear that the slot 152 merely **limits** the movement of the refill door 102. Accordingly, in contrast to the above feature of new Claim 1, in any relative positioning of the pin 154 and slot 152, the pin and slot of D2 are not able to form a hinge about which the refill door 102 can rotate. We note that the refill door is pivotally coupled to the base 100 by a completely separate mechanism, as seen in Figure 1C.

Hence, the above-noted features of Claim 1 are novel over the disclosure of document D2.

In Section 2.3 under Item V, the Examiner acknowledges that previous independent Claim 2 is novel. We also note that the above-noted novel feature of new Claim 1 (also recited in new Claim 2), is a further novel feature of new Claim 2.

From this feature it is clear that Claim 1 recites “a first position in which the cover member is held closed” and a second position in which the cover member is rotatable

Inventive Step

In addition to the above-noted novel features, new Claim 1 also recites features pertaining to a first position in which the cover member is held closed and a second position in which the cover member is openable. Furthermore, new Claim 1 also recites that the cam guide and projection mechanism is shaped so that the cover member is raised as the cover member is moved from the first position to the second position.

Hence, the above-noted novel feature of new Claim 1 has the technical effect of providing a single mechanism in which the cover member can be either held closed or in an openable position, where the openable position allows free movement of the cover member.

Accordingly, the technical problem to be solved is how to provide a single mechanism in which the cover member can be either held closed or in an openable position, where the openable position allows free movement of the cover member.

The novel features of new Claim 1 are not disclosed in any of the further cited prior art documents. Accordingly, a skilled person would not be motivated to modify the teachings of D2 so as to arrive at the subject-matter of new Claim 1. Hence, new Claim 1 is a non-obvious solution to the above-mentioned technical problem.

Hence, new Claim 1 is inventive.

Similar reasoning can be applied to new independent Claim 2.

Summary

We submit that all of the substantive objections raised in the Written Opinion have been addressed and overcome by the present response. We thus request a positive opinion on patentability for the present application. We request to have a telephone conversation with the international Examiner before any IPRP is issued that is not positive with respect to the patentability of all the presently pending claims.



Greg Sach
European Patent Attorney
Hoffmann · Eitle
Association No. 15

Encls:

Amended Claims 1 to 14;
Marked-up version of amended claims.

CLAIMS:

1. A product dispensing device, comprising at least a part of a dispenser housing and a cover member, wherein the dispenser housing defines a product reservoir for containing a stack of sheets, the part of the dispenser housing defines an opening through which products are dispensed from the product housing and through which the product housing is refillable, the cover member is positionable between an open position in which the opening of the dispenser housing part is revealed for refilling the product reservoir with dispensable products and a closed position in which the opening of the dispenser housing is covered for dispensing, and the cover member comprises a dispensing opening through which products are dispensed when the cover member is in the closed position, wherein the cover member is moveable relative to the part of the dispenser housing by way of a mechanism in which a projection rides along a guide between a first position in which the cover member is held closed to the part of the housing to resist opening of the cover member and a second position in which the cover member is openable relative to the part of the dispenser housing to the open position, wherein the guide and projection mechanism is a cam guide and projection mechanism and the guide of the cam guide and projection mechanism is shaped so that the cover member is raised relative to the part of the housing as the cover member is moved relative to the part of the housing from the first position to the second position, wherein the guide includes a pivot depression, and wherein the projection is located in the depression when the cover member is in the second position to form a hinge about which the cover member is rotatable to the open position.

2. A product dispensing device, comprising at least a part of a dispenser housing and a cover member, wherein the dispenser housing defines a product reservoir for containing a stack of sheets, the part of the dispenser housing defines an opening through which products are dispensed from the product housing and through which the product housing is refillable, the cover member is positionable between an open position in which the opening of the dispenser housing part is revealed for refilling the product reservoir with dispensable products and a closed position in which the opening of the dispenser housing is covered for dispensing, and the cover member comprises a dispensing opening through which products are dispensed when the cover member is in the closed position, wherein the cover member is moveable relative to the part of the dispenser housing by way of a mechanism in which a

projection rides along a guide between a first position in which the cover member is held closed to the part of the housing to resist opening of the cover member and a second position in which the cover member is openable relative to the part of the dispenser housing to the open position, wherein the cover member is moveable relative to the part of the housing between the first and second positions by way of a pin and groove mechanism, and wherein the cover member comprises a peripheral lip, depending from a general body of the cover member, wherein a groove of the pin and groove mechanism is provided on an inside surface of the peripheral lip, wherein the guide includes a pivot depression, and wherein the projection is located in the depression when the cover member is in the second position to form a hinge about which the cover member is rotatable to the open position.

3. The dispensing device of claim 1, wherein the at least a part of the dispenser housing is a modular support member that is removably mountable to a product housing and to which the cover member is hingedly mounted or the at least a part of the dispenser housing is a product housing of a dispenser.

4. The dispensing device of claim 1, wherein the cover member is moveable relative to the part of the housing between the first and second positions by way of a pin and groove mechanism.

5. The dispensing device of claim 1 or 2, wherein the projection is biased so as to resiliently clip in to the depression as the projection runs along the guide to the depression and to provide resistance to the projection moving out of the depression to run back along the guide.

6. The dispensing device of any one of claims 1 to 4, wherein in the first position, the cover member is held to the part of the dispenser housing by engagement between surfaces resisting movement of the cover member in a direction to open the cover member to the open position from the closed position, and in the second position, the cover member is moved so that the surfaces come out of a blocking relative position to allow the cover member to be opened to the open position.

7. The dispensing device of claim 6, wherein surfaces resisting movement of the cover member in an opening direction are disposed at an opposed end of the cover member to the hinge so as to be positioned distally with respect to the hinge.

8. The dispensing device of claim 1, wherein the cover member comprises a peripheral lip, depending from a general body of the cover member, wherein one of the guide and the projections are provided on an inside surface of the peripheral lip.
9. The dispensing device of claim 2, wherein the guide and projection mechanism is a cam guide and projection mechanism and the guide of the cam guide and projection mechanism is shaped so that the cover member is raised relative to the part of the housing as the cover member is moved relative to the part of the housing from the first position to the second position.
10. The dispensing device of any one of claims 1 to 9, wherein the guide of the cam guide and projection mechanism is shaped so that the cover member moves toward the part of the housing when the cover member is moved relative to the part of the housing from the second position to the first position.
11. The dispensing device of any one of claims 1 to 10, wherein the guide and projection mechanism comprises first and second guide and projection mechanisms, the first guide and projection mechanism providing a hinge about which the cover member is rotatable between the open and closed positions when the cover member is in the second position, and wherein the second guide mechanism is open at one end to allow the cover member to rotate between the open and closed positions when the cover member is in the second position and which is closed at the other end to block movement of the cover member from moving from the closed position to the open position when the cover member is in the first position.
12. The dispensing device of any one of claims 1 to 10, wherein the cover member and the housing part have cooperating catch members that are able to move past one another when the cover member is in the second position to allow the cover member to open and close and which overlap one another in the opening direction when the cover member is in the first position to block movement of the cover member from the closed position to the open position.
13. The dispensing device of claim 12, wherein the cooperating catch members are disposed at an opposed end of the cover member from a hinge about which the cover member is rotatable to open and close the cover member with respect to a direction perpendicular to the rotating axis of the hinge passing along a general plane defined by the cover member.

14. The dispensing device of any one of claims 1 to 13, wherein the cover member is openable by rotation relative to the housing part, and the cover member rides along the guide in a direction perpendicular to the rotation axis of the hinge so that the cover member is shifted from a position whereby the dispensing opening is offset from a central position with respect to the opening of the housing part to the central position.

CLAIMS:

1. A product dispensing device, comprising at least a part of a dispenser housing and a cover member, wherein the dispenser housing defines a product reservoir for containing a stack of sheets, the part of the dispenser housing defines an opening through which products are dispensed from the product housing and through which the product housing is refillable, the cover member is positionable between an open position in which the opening of the dispenser housing part is revealed for refilling the product reservoir with dispensable products and a closed position in which the opening of the dispenser housing is covered for dispensing, and the cover member comprises a dispensing opening through which products are dispensed when the cover member is in the closed position, wherein the cover member is moveable relative to the part of the dispenser housing by way of a mechanism in which a projection rides along a guide between a first position in which the cover member is held closed to the part of the housing to resist opening of the cover member and a second position in which the cover member is openable relative to the part of the dispenser housing to the open position, wherein the guide and projection mechanism is a cam guide and projection mechanism and the guide of the cam guide and projection mechanism is shaped so that the cover member is raised relative to the part of the housing as the cover member is moved relative to the part of the housing from the first position to the second position, wherein the guide includes a pivot depression, and wherein the projection is located in the depression when the cover member is in the second position to form a hinge about which the cover member is rotatable to the open position.

2. A product dispensing device, comprising at least a part of a dispenser housing and a cover member, wherein the dispenser housing defines a product reservoir for containing a stack of sheets, the part of the dispenser housing defines an opening through which products are dispensed from the product housing and through which the product housing is refillable, the cover member is positionable between an open position in which the opening of the dispenser housing part is revealed for refilling the product reservoir with dispensable products and a closed position in which the opening of the dispenser housing is covered for dispensing, and the cover member comprises a dispensing opening through which products are dispensed when the cover member is in the closed position, wherein the cover member is moveable relative to the part of the dispenser housing by way of a mechanism in which a

projection rides along a guide between a first position in which the cover member is held closed to the part of the housing to resist opening of the cover member and a second position in which the cover member is openable relative to the part of the dispenser housing to the open position, wherein the cover member is moveable relative to the part of the housing between the first and second positions by way of a pin and groove mechanism, and wherein the cover member comprises a peripheral lip, depending from a general body of the cover member, wherein a groove of the pin and groove mechanism is provided on an inside surface of the peripheral lip, wherein the guide includes a pivot depression, and wherein the projection is located in the depression when the cover member is in the second position to form a hinge about which the cover member is rotatable to the open position.

3. The dispensing device of claim 1, wherein the at least a part of the dispenser housing is a modular support member that is removably mountable to a product housing and to which the cover member is hingedly mounted or the at least a part of the dispenser housing is a product housing of a dispenser.

4. The dispensing device of claim 1, wherein the cover member is moveable relative to the part of the housing between the first and second positions by way of a pin and groove mechanism.

~~5. The dispensing device of claim 1, 2, 3 or 4, wherein the guide includes a pivot depression, and wherein the projection is located in the depression when the cover mechanism is in the second position to form a hinge about which the cover member is rotatable to the open position.~~

56. The dispensing device of claim 1 or 25, wherein the projection is biased so as to resiliently clip in to the depression as the projection runs along the guide to the depression and to provide resistance to the projection moving out of the depression to run back along the guide.

67. The dispensing device of any one of claims 1 to 45, wherein in the first position, the cover member is held to the part of the dispenser housing by engagement between surfaces resisting movement of the cover member in a direction to open the cover member to the open position from the closed position, and in the second position, the cover member is moved so that the surfaces come out of a blocking relative position to allow the cover member to be opened to the open position.

78. The dispensing device of claim 67, wherein surfaces resisting movement of the cover member in an opening direction are disposed at an opposed end of the cover member to the hinge so as to be positioned distally with respect to the hinge.

89. The dispensing device of ~~any one of~~ claims 1, wherein the cover member comprises a peripheral lip, depending from a general body of the cover member, wherein one of the guide and the projections are provided on an inside surface of the peripheral lip.

910. The dispensing device of claim 2, wherein the guide and projection mechanism is a cam guide and projection mechanism and the guide of the cam guide and projection mechanism is shaped so that the cover member is raised relative to the part of the housing as the cover member is moved relative to the part of the housing from the first position to the second position.

1011. The dispensing device of any one of claims 1 to 910, wherein the guide of the cam guide and projection mechanism is shaped so that the cover member moves toward the part of the housing when the cover member is moved relative to the part of the housing from the second position to the first position.

1112. The dispensing device of any one of claims 1 to 1011, wherein the guide and projection mechanism comprises first and second guide and projection mechanisms, the first guide and projection mechanism providing a hinge about which the cover member is rotatable between the open and closed positions when the cover member is in the second position, and wherein the second guide mechanism is open at one end to allow the cover member to rotate between the open and closed positions when the cover member is in the second position and which is closed at the other end to block movement of the cover member from moving from the closed position to the open position when the cover member is in the first position.

1213. The dispensing device of any one of claims 1 to 1011, wherein the cover member and the housing part have cooperating catch members that are able to move past one another when the cover member is in the second position to allow the cover member to open and close and which overlap one another in the opening direction when the cover member is in the first position to block movement of the cover member from the closed position to the open position.

| 1344. The dispensing device of claim 1243, wherein the cooperating catch members are disposed at an opposed end of the cover member from a hinge about which the cover member is rotatable to open and close the cover member with respect to a direction perpendicular to the rotating axis of the hinge passing along a general plane defined by the cover member.

| 1415. The dispensing device of any one of claims 1 to 1344, wherein the cover member is openable by rotation relative to the housing part, and the cover member rides along the guide in a direction perpendicular to the rotation axis of the hinge so that the cover member is shifted from a position whereby the dispensing opening is offset from a central position with respect to the opening of the housing part to the central position.

REIVINDICACIONES

1. Un dispositivo dispensador de productos que comprende al menos una parte de un alojamiento de dispensador y un miembro de cobertura, en donde el alojamiento del dispensador define un depósito de producto para contener una pila de hojas, la parte del alojamiento del dispensador define una abertura a través de la cual los productos son dispensados del alojamiento del producto y por medio de la cual se puede llenar el alojamiento del producto, el miembro de cobertura se puede posicionar entre una posición abierta, en donde la abertura de la parte del alojamiento del dispensador se descubre para llenar el depósito de producto con productos dispensables y una posición cerrada en donde la abertura del alojamiento del dispensador está cubierta para dispensar, y el miembro de cobertura comprende una abertura para dispensar, por medio de la que se dispensan los productos cuando el miembro de cobertura está en posición cerrada, en donde el miembro de cobertura se puede mover en relación a la parte del alojamiento del dispensador por medio de un mecanismo en el que un saliente se desplaza a lo largo de una guía entre una primera posición en el que el miembro de cobertura se mantiene cerrado a la parte del alojamiento para resistir la apertura del miembro de cobertura y una segunda posición en la que el miembro de cobertura se puede abrir en relación a la parte del alojamiento del dispensador a la posición abierta, en donde el mecanismo de guía y saliente es un mecanismo de guía de levas y saliente y la guía del mecanismo de la guía de levas y saliente está moldeada de tal forma que el miembro de la cobertura se levanta en relación a la parte del alojamiento a medida que el miembro de cobertura se mueve en relación a la parte del alojamiento de la primera posición a la segunda posición, en donde la guía incluye una depresión de pivote, y en donde el saliente está ubicado en la depresión cuando el miembro de cobertura está en la segunda posición para formar una bisagra sobre la cual el miembro de cobertura puede rotar a la posición abierta.

2. Un dispositivo dispensador de productos, que comprende al menos una parte de un alojamiento de dispensador y un miembro de cobertura, en donde el alojamiento del dispensador define un depósito de producto para contener una pila de hojas, la parte del alojamiento del dispensador define una abertura a través de la cual los productos son dispensados del alojamiento del producto y por medio de la cual se puede llenar el alojamiento del producto, el miembro de cobertura se

puede posicionar entre una posición abierta en donde la abertura de la parte del alojamiento del dispensador se descubre para llenar el depósito del producto con productos dispensables y una posición cerrada en donde la abertura del alojamiento del dispensador está cubierta para dispensar, y el miembro de cobertura comprende una abertura para dispensar por medio de la que se dispensan los productos cuando el miembro de cobertura está en posición cerrada, en donde el miembro de cobertura se puede mover en relación a la parte del alojamiento del dispensador por medio de un mecanismo en donde un saliente se desplaza a lo largo de una guía entre una primera posición en el que el miembro de cobertura se mantiene cerrado a la parte del alojamiento para resistir la apertura del miembro de cobertura y una segunda posición en la que el miembro de cobertura se puede abrir en relación a la parte del alojamiento del dispensador a la posición abierta, en donde el miembro de cobertura se puede mover en relación a la parte del alojamiento entre la primera y segunda posición por medio de un mecanismo de pines y ranuras, y en donde el miembro de cobertura comprende un ala perimetral, que depende de un cuerpo general del miembro de cobertura, en donde se proporciona una ranura del mecanismo de pines y ranuras en una superficie interna del ala perimetral, en donde la guía incluye una depresión de pivote, y en donde el saliente está ubicado en la depresión cuando el miembro de cobertura se encuentra en la segunda posición para formar una bisagra sobre el cual el miembro de cobertura puede rotar a la posición abierta.

3. El dispositivo dispensador de la reivindicación 1, en donde la por lo menos una parte del alojamiento del dispensador es un miembro de soporte modular que es montable de forma extraíble a un alojamiento de producto y al cual el miembro de cobertura está montado de manera articulada o la al menos una parte del alojamiento del dispensador es un alojamiento de producto de un dispensador.

4. El dispositivo dispensador de la reivindicación 1, en donde el miembro de cobertura se puede mover en relación a la parte del alojamiento entre la primera y segunda posición por medio de un mecanismo de pines y ranuras.

5. El dispositivo dispensador de las reivindicaciones 1 o 2, en donde el saliente está sesgado de tal manera que se sujete de manera resistente a la depresión mientras el saliente se desplaza a lo largo de la guía a la depresión y se

resista a que el saliente se salga de la depresión para desplazarse nuevamente a lo largo de la guía.

6. El dispositivo dispensador de cualquiera de las reivindicaciones 1 a 4, en donde en la primera posición, el miembro de cobertura está sujeto a la parte del alojamiento del dispensador por acoplamiento entre las superficies que resisten el movimiento del miembro de cobertura en una dirección para abrir el elemento de cubierta a la posición abierta desde la posición cerrada, y en la segunda posición, el miembro de cobertura el miembro de cobertura se mueve de manera que las superficies se salga de una posición relativa de bloqueo para permitir que el miembro de cobertura se abra a la posición abierta.

7. El dispositivo dispensador de la reivindicación 6, en donde las superficies que resisten el movimiento del miembro de cobertura en una dirección de apertura están dispuestas en un extremo opuesto del miembro de cobertura a la bisagra de modo que se coloque distalmente con respecto a la bisagra.

8. El dispositivo dispensador de la reivindicación 1, en donde el miembro de cobertura comprende un ala perimetral, que depende de un cuerpo general del miembro de cobertura, en donde uno de la guía y los salientes están dispuestos en una superficie interior del ala perimetral.

9. El dispositivo dispensador de la reivindicación 2, en donde el mecanismo de guía y saliente es un mecanismo de guía de levas y saliente y la guía del mecanismo de guía de levas y saliente está moldeada de tal forma que el miembro de la cobertura se levanta en relación a la parte del alojamiento a medida que el miembro de cobertura se mueve en relación a la parte del alojamiento de la primera posición a la segunda posición.

10. El dispositivo dispensador de cualquiera de las reivindicaciones 1 a 9, en donde la guía del mecanismo de guía de levas y saliente está moldeada de tal forma que el miembro de cobertura se mueve hacia la parte del alojamiento cuando el miembro de cobertura se mueve en relación a la parte del alojamiento de la segunda posición a la primera posición.

11. El dispositivo dispensador de cualquiera de las reivindicaciones 1 a 10, en donde el mecanismo de guía y saliente comprende un primer y segundo

mecanismo de guía y saliente, el primer mecanismo de guía y saliente proporciona una bisagra sobre la cual el miembro de cobertura puede rotar entre las posiciones abierta y cerrada cuando el miembro de cobertura está en la segunda posición, y en donde el segundo mecanismo de guía está abierto en un extremo para permitir que el miembro de cobertura rote entre las posiciones abierta y cerrada cuando el miembro de cobertura se encuentra en la segunda posición y que está cerrada en el otro extremo para impedir el movimiento del miembro de cobertura de la posición cerrada a la posición abierta cuando el miembro de cobertura se encuentra en la primera posición.

12. El dispositivo dispensador de cualquiera de las reivindicaciones 1 a 10, en donde el miembro de cobertura y la parte del alojamiento tienen miembros de agarre cooperantes que son capaces de pasarse el uno al otro cuando el miembro de cobertura se encuentra en la segunda posición para permitir que el miembro de cobertura se abra y se cierre y los cuales se traslapan entre sí en la dirección de apertura cuando el miembro de cobertura se encuentra en la primera posición para impedir que el miembro de cobertura se mueva de la posición cerrada a la posición abierta.

13. El dispositivo dispensador de la reivindicación 12, en donde los miembros de agarre cooperantes están dispuestos en un extremo opuesto del miembro de cobertura de una bisagra sobre la cual el miembro de cobertura puede rotar para abrir y cerrar el miembro de cobertura con respecto a una dirección perpendicular al eje de rotación de la bisagra que pasa a lo largo de un plano general definido por el miembro de cobertura.

14. El dispositivo dispensador de cualquiera de las reivindicaciones 1 a 13, en donde el miembro de cobertura se puede abrir por rotación con relación a la parte del alojamiento, y el miembro de cobertura se desplaza a lo largo de una guía en una dirección perpendicular al eje de rotación de la bisagra de tal manera que el miembro de cobertura se desplaza desde una posición en la que la abertura de dispensación se desplaza de una posición central con respecto a la abertura de la parte de alojamiento a la posición central.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY
EXAMINING AUTHORITY
(PCT Rule 66)

To: HOFFMANN EITLE Patent- und Rechtsanwälte Arabellastraße 4 D-81925 München ALLEMAGNE		Date of mailing <i>(day/month/year)</i> 21.02.2014	
Applicant's or agent's file reference 157 419 aa/np0		REPLY DUE within <u>2</u> month(s) from the above date of mailing	
International application No. PCT/EP2012/064493	International filing date <i>(day/month/year)</i> 24.07.2012	Priority date <i>(day/month/year)</i> 30.08.2011	
International Patent Classification (IPC) or both national classification and IPC INV. A47K10/42			
Applicant Sca Hygiene Products AB			

1. ☒ The written opinion established by the International Searching Authority: ☒ is ☐ is not considered to be a written opinion of the International Preliminary Examining Authority.
2. This <u>second</u> 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 66.2(a)(ii) 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
3. The applicant is hereby invited to reply to this opinion. When? See the time limit indicated above. The applicant may, before the expiration of that time limit, request this Authority to grant an extension, see Rule 66.2(e). How? By submitting a written reply, accompanied, where appropriate, by amendments, according to Rule 66.3. For the form and the language of the amendments, see Rules 55.3 and 66.8. Also: For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4bis. For an informal communication with the examiner, see Rule 66.6. For an additional opportunity to submit amendments, see Rule 66.4. If no reply is filed , the international preliminary examination report will be established on the basis of this opinion.
4. The final date by which the international preliminary report on patentability (Chapter II of the PCT) must be established according to Rule 69.2 is: <u>30.12.2013</u>

Name and mailing address of the international preliminary examining authority:  European Patent Office P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk - Pays Bas Tel. +31 70 340 - 2040 Fax: +31 70 340 - 3016	Authorized Officer Zuurveld, Gerben Telephone No. +31 70 340-4545
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**WRITTEN OPINION OF THE INTERNATIONAL
PRELIMINARY EXAMINING AUTHORITY**

International application No.
PCT/EP2012/064493

Box No. I Basis of the 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 (under Rules 12.3(a) and 23.1(b))
 - ☐ publication of the international application (under Rule 12.4(a))
 - ☐ international preliminary examination (under Rules 55.2(a) and/or 55.3(a) and (b))
2. With regard to the elements of the international application, this opinion has been established on the basis of
(*replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this opinion as "originally filed"*):

Description, Pages

1-40 as originally filed

Claims, Numbers

1-15 filed with the demand for preliminary international examination

Drawings, Sheets

1/9-9/9 as originally filed

- ☐ a sequence listing - see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:
 - ☐ the description, pages
 - ☐ the claims, Nos.
 - ☐ the drawings, sheets/figs
 - ☐ the sequence listing (*specify*):
4. ☐ This opinion has been established as if (some of) the amendments listed below had not been made, since either they are considered to go beyond the disclosure as filed, or they were not accompanied by a letter indicating the basis for the amendments in the application as filed, as indicated in the Supplemental Box (Rules 70.2(c) and (c-bis)):
 - ☐ the description, pages
 - ☐ the claims, Nos.
 - ☐ the drawings, sheets/figs
 - ☐ the sequence listing (*specify*):
5. ☐ This opinion has been established:
 - ☐ taking into account the rectification of an obvious mistake authorized by or notified to this Authority under Rule 91 (Rule 66.1(d-bis)).
 - ☐ without taking into account the rectification of an obvious mistake authorized by or notified to this Authority under Rule 91 (Rule 66.4bis).

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6. ☐ Supplementary international search report(s) from Authority(ies) have been received and taken into account in drawing up this opinion (Rule 45bis.8(b) and (c)).

Box No. IV Lack of unity of invention

1. ☐ In response to the invitation (Form PCT/IPEA/405) to restrict or pay additional fees the applicant has, within the applicable time limit:
- ☐ restricted the claims
 - ☐ paid additional fees
 - ☐ paid additional fees under protest and, where applicable, the protest fee
 - ☐ paid additional fees under protest but the applicable protest fee was not paid
 - ☐ neither restricted nor paid additional fees
2. ☒ This Authority found that the requirement of unity of invention is not complied with for the following reasons and chose, according to Rule 68.1, not to invite the applicant to restrict or pay additional fees:
- see separate sheet
3. Consequently, this opinion has been established in respect of the following parts of the international application:
- ☒ all parts
 - ☐ the parts relating to claims Nos.

Box No. V Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement
- | | | |
|-------------------------------|-----|----------------------------|
| Novelty (N) | No: | Claims 1, 3, 7, 11, 15 |
| Inventive step (IS) | No: | Claims 2, 4-6, 8-10, 12-14 |
| Industrial applicability (IA) | No: | Claims |
2. Citations and explanations:
- see separate sheet

Box No. VII Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

see separate sheet

**WRITTEN OPINION OF THE INTERNATIONAL
PRELIMINARY EXAMINING AUTHORITY
(SEPARATE SHEET)**

International application No.

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Re Item I

Basis of the report

- 1 The amended claims fulfil the requirements of Article 34(2)(b) PCT, as they have a basis in the application as originally filed.

Re Item IV

Lack of unity of invention

- 1 This Authority considers that the application does not meet the requirements of unity of invention and that there are 2 inventions covered by the claims indicated as follows:
 - claim 1 and its dependent claims: a product dispensing device with a cam guide and projection mechanism; and
 - claim 2 and its dependent claims: a product dispensing device with a pin and groove mechanism.
- 1.1 The reasons for which the inventions are not so linked as to form a single general inventive concept, as required by Rule 13.1 PCT, are as follows:
- 1.2 Document D1 (cf. Re Item V) discloses the following features of claim 1:
"A product dispensing device, comprising... ..to the open position" (i.e. the features of claim 1 as originally filed).
- 1.3 It follows that the following technical features of claim 1 make a contribution over the prior art and can be considered as special technical features, within the meaning of Rule 13.2 PCT, of the first invention: "wherein the guide and projection mechanism is... ..to the second position."
- 1.4 The problem solved by these special technical features can be construed as how to accommodate movement of the cover member from the closed position to the open position, cf. application, paragraph 78¹⁾.
- 1.5 The following features of claim 2 are not disclosed in document D1 and can therefore be considered as a special technical feature of the second invention:
"...wherein the cover member is moveable relative to the part of the housing... of the peripheral lip."
- 1.6 The problem solved by these special technical features can be construed as how to have an aesthetically pleasing product dispensing device, cf. application, paragraph 73²⁾.

- 2 The special technical features of the first and second invention are obviously not the same. Neither are they corresponding as they solve different unrelated problems (see above). Therefore, no technical relationship between the inventions involving such special technical features is present in the application as required by Rule 13.2 PCT. Consequently, the application does not meet the requirements of Unity of Invention as defined in Rule 13.1 PCT.

1) Paragraph 78 states: "In an embodiment, the guide of the guide and projection mechanism is shaped so that the cover member is raised relative to the part of the housing as the cover member is moved relative to the part of the housing from the first position to the second position. *This feature accommodates movement of the cover member from the closed position to the open position.*"

2) Paragraph 73 states: "In an embodiment, the cover member includes a peripheral lip, depending from a general body of the cover member, wherein one of the guide and the projection are provided on an inside surface of the peripheral lip. *This feature ensures that the working components for opening and closing the cover member are concealed from a user, which may be aesthetically positive and may also aid in preventing an uninformed user from the working out the knack for opening the cover member from the closed position when it is in the first position relative to the part of the housing.*"

Re Item V

Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

- 1 Reference is made to the following documents, cited in the International Search Report:
 - D1 US 2006/273100 A1 (CITTADINO ANTONIO M [US] ET AL) 7 December 2006 (2006-12-07)
 - D2 US 2005/279756 A1 (BITOWFT BRUCE K [US] ET AL) 22 December 2005 (2005-12-22)
 - D3 US 6 065 626 A (HUANG CHIEN JUNG [TW] ET AL) 23 May 2000 (2000-05-23)
 - D4 US 5 927 532 A (TRAUB DONALD A [US]) 27 July 1999 (1999-07-27)
 - D5 US 1 997 043 A (CLARK HARRY E) 9 April 1935 (1935-04-09)
 - D6 US 941 140 A (GLOVER DAVID H [US]) 23 November 1909 (1909-11-23)

The following document was not cited in the international search report. A copy of the document is appended hereto.

- D7 WO 2011/067724 A2 (ELBI INT SPA [IT]; DA PONT PAOLO [IT]; GONELLA FABRIZIO [IT]) 9 June 2011 (2011-06-09)
- 2 The applicant's arguments have been considered and give rise to the following (cf. PCT Guidelines 19.22).
 - 2.1 The reasoning with regard to novelty of claim 1 in combination with document D1 can be followed, claim 1 is novel in view of this document, Article 33(2) PCT.
 - 2.2 However, the reasoning with regard to novelty of claim 1 in combination with document D2 cannot be followed for the following reasons.
 - 2.2.1 Document D2 discloses a cover 102 member which is in a locked position by means of latch contact 106. Claim 1 defines that "...the cover member is moveable relative to the part of the dispenser housing by way of a mechanism in which a projection rides along a guide between a first position in which the

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cover member is held closed to the part of the housing to resist opening of the cover member and a second position in which the cover member is openable relative to the part of the dispenser housing to the open position."

In document D2, latch mechanism 106 is causing the cover member 102 to be held closed in said claimed first position. It does not follow from the wording of claim 1 that it is the mechanism that is causing the cover member to be held closed. In document D2, the cover member, in said first position, i.e. in the closed position, is held closed by means of latch 106.

Furthermore, "the second position" of claim 1 is not defined as the "open position", in which the dispenser can be refilled. In fact, the second position can be any position of the cover, apart from the first position. Therefore, the second position, as claimed by claim 1, could be seen as the position of cover 102 when just released from latch contact 106. In that position, the "cover member is openable relative to the part of the dispenser housing to the open position", the open position being the position of cover member 102 when projection 154 is at the far end of slot 152.

The curved surface of slot 152 is seen as a cam guide, given that it changes the path of projection 154 (cf. fig. 1D).

Therefore, since all technical features are known from document D2, the result to be achieved by the cam guide and projection mechanism, i.e. "...is shaped so that the cover member is raised relative to the part of the housing as the cover member is moved relative to the part of the housing from the first position to the second position", is also deemed known from document D2.

Moreover, following the disclosure of D2, this result seems to be really achieved, since the movement of the cover member following the arcuate path of slot 152, will cause the cover member to be (slightly) raised with respect to the dispenser housing.

It is therefore maintained that the subject-matter of claim 1 is not novel in view of document D2.

- 2.3 The subject-matter of claim 2 is not known from the available prior art. The subject-matter of said claim is therefore novel, Article 33(2) PCT.
- 2.3.1 However, to use a pin and groove mechanism instead of a projection and slot mechanism, like the mechanism used in document D1 and D2, cannot be regarded as involving an inventive step, Article 33(3) PCT, since the use of

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such a pin and groove mechanism is merely one of several straightforward possibilities from which the skilled person would select, depending on the circumstances, without exercising inventive skill.

2.3.2 It is to be noted that such mechanisms are well-known in the field of product dispensing devices, cf. documents D6 and D7:

- Document D6 discloses a box for cigarettes, i.e. a product dispensing device, with a pin H4 and a groove, formed by the lip B' and body B.

- Document D7 discloses a dispenser having a groove (guide means 6) and pin (first axis 7) mechanism, cf. Fig. 4

2.3.3 The location of the pin and groove mechanism (claimed on the inside surface of the peripheral lip of the cover member) is also considered as one of several straightforward possibilities from which the skilled person would select, depending on the circumstances, without exercising inventive skill.

The subject-matter of claim 2 does therefore not involve an inventive step in view of the available prior art, Article 33(3) PCT.

2.4 Dependent claims 3-15 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of novelty, Article 33(2), and/or inventive step, Article 33(3) PCT, see documents D1 to D6 and their cited passages in the search report:

2.4.1 The subject-matter of claims 3, 7, 11 and 15 is already known from document D2, cf. the cited passages in the search report, and therefore not novel.

2.4.2 The subject-matter of claims 4 to 6, 8 to 10 and 12 to 14 cannot be considered as involving an inventive step, as the subject-matter of said claims is already known per sé from or approached by the available prior art.

Re Item VII

Certain defects in the international application

1 The features of the claims should have been provided with reference signs placed in parentheses (Rule 6.2(b) PCT).

The demand must be filed directly with the competent International Preliminary Examining Authority or, if two or more Authorities are competent, with the one chosen by the applicant. The full name or two-letter code of that Authority may be indicated by the applicant on the line below:

IPEA/ EP

PCT

EPO - Munich
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CHAPTER II

DEMAND

10. Jan. 2014

under Article 31 of the Patent Cooperation Treaty:

The undersigned requests that the international application specified below be the subject of international preliminary examination according to the Patent Cooperation Treaty.

For International Preliminary Examining Authority use only		
Identification of IPEA /EP		Date of receipt of DEMAND 10-01-2014
Box No. I IDENTIFICATION OF THE INTERNATIONAL APPLICATION		Applicant's or agent's file reference 157 419 aa/npo
International application No. PCT/EP2012/064493	International filing date (day/month/year) 24. July 2012 (24/07/2012)	(Earliest) Priority date (day/month/year) 30. August 2011 (30/08/2011)
Title of invention PRODUCT DISPENSER AND COVER MEMBER FOR A PRODUCT DISPENSER		
Box No. II APPLICANT(S)		
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) SCA HYGIENE PRODUCTS AB 405 03 Göteborg Sweden		Telephone No. Facsimile No. Applicant's registration No. with the Office
E-mail authorization: Marking one of the check-boxes below authorizes the International Bureau and the International Preliminary Examining Authority to use the e-mail address indicated in this Box to send notifications issued in respect of this international application if those offices are willing to do so. ☐ as advance copies followed by paper notifications; or ☐ exclusively in electronic form (no paper notifications will be sent). E-mail address: _____		
State (that is, country) of nationality: SE		State (that is, country) of residence: SE
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) SIEBEL, Justin 814 Fairmount Ave. Chatham, New Jersey 07928 USA Zur Kasse 2015,-		
State (that is, country) of nationality: US		State (that is, country) of residence: US
☐ Further applicants are indicated on a continuation sheet.		

Box No. III AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCEThe following person is ☒ agent ☐ common representativeand ☒ has been appointed earlier and represents the applicant(s) also for international preliminary examination.☐ is hereby appointed and any earlier appointment of (an) agent(s)/common representative is hereby revoked.☐ is hereby appointed, specifically for the procedure before the International Preliminary Examining Authority, in addition to the agent(s)/common representative appointed earlier.Name and address: (Family name followed by given name; for a legal entity, full official designation.
The address must include postal code and name of country.)HOFFMANN · EITLE
Patent- und Rechtsanwälte
Arabellastrasse 4
D-81925 Munich
Germany

Telephone No.

089 / 92409-0

Facsimile No.

089 / 918356

Agent's registration No. with the Office

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E-mail authorization: Marking one of the check-boxes below authorizes the International Bureau and the International Preliminary Examining Authority to use the e-mail address indicated in this Box to send notifications issued in respect of this international application if those offices are willing to do so.☐ as advance copies followed by paper notifications; or ☐ exclusively in electronic form (no paper notifications will be sent).

E-mail address: _____

☐ **Address for correspondence:** Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.**Box No. IV BASIS FOR INTERNATIONAL PRELIMINARY EXAMINATION****Statement concerning amendments:***

1. The applicant wishes the international preliminary examination to start on the basis of:

☐ the international application as originally filedthe description ☒ as originally filed☐ as amended under Article 34the claims ☐ as originally filed☐ as amended under Article 19 (together with any accompanying statement)☒ as amended under Article 34the drawings ☒ as originally filed☐ as amended under Article 342. ☐ The applicant wishes any amendment to the claims under Article 19 to be considered as reversed.3. ☐ Where the IPEA wishes to start the international preliminary examination at the same time as the international search in accordance with Rule 69.1(b), the applicant requests the IPEA to postpone the start of the international preliminary examination until the expiration of the applicable time limit under Rule 69.1(d).4. ☐ The applicant expressly wishes the international preliminary examination to start earlier than at the expiration of the applicable time limit under Rule 54bis.1(a).

* Where no check-box is marked, international preliminary examination will start on the basis of the international application as originally filed or, where a copy of amendments to the claims under Article 19 and/or amendments of the international application under Article 34 are received by the International Preliminary Examining Authority before it has begun to draw up a written opinion or the international preliminary examination report, as so amended.

Language for the purposes of international preliminary examination: English☒ which is the language in which the international application was filed.☐ which is the language of a translation furnished for the purposes of international search.☐ which is the language of publication of the international application.☐ which is the language of the translation (to be) furnished for the purposes of international preliminary examination.**Box No. V ELECTION OF STATES**

The filing of this demand constitutes the election of all Contracting States which are designated and are bound by Chapter II of the PCT.

Sheet No. 3.

International application No.
PCT/EP2012/064493

Box No. VI CHECK LIST

The demand is accompanied by the following elements, in the language referred to in Box No. IV, for the purposes of international preliminary examination:

- | | | | |
|---|---|---|--------|
| 1. translation of international application | : | | sheets |
| 2. amendments under Article 34 | : | 4 | sheets |
| 3. copy (or, where required, translation) of amendments under Article 19 and accompanying letter (Rule 46.5(b)) | : | | sheets |
| 4. copy (or, where required, translation) of any statement under Article 19 (Rule 62.1(ii)) | : | | sheets |
| 5. letter | : | 5 | sheets |
| 6. other (specify) | : | | sheets |

For International Preliminary Examining Authority use only

received	not received
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- | | |
|-------------------------------------|--------------------------|
| ☐ | ☐ |
| ☒ | ☐ |
| ☐ | ☐ |
| ☐ | ☐ |
| ☒ | ☐ |
| ☐ | ☐ |

The demand is also accompanied by the item(s) marked below:

- | | |
|--|---|
| 1. ☒ fee calculation sheet | 5. ☐ statement explaining lack of signature |
| 2. ☐ original separate power of attorney | 6. ☐ sequence listing in electronic form |
| 3. ☐ original general power of attorney | 7. ☒ other (specify): <u>working copy of amended claims</u> |
| 4. ☐ copy of general power of attorney; reference number, if any: | <u>Supplementary sheet</u> |

Box No. VII SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the demand).



P. Wiedemann
Association No. 151

For International Preliminary Examining Authority use only

- | | |
|--|--|
| 1. Date of actual receipt of DEMAND: 10-01-2014 | |
| 2. Adjusted date of receipt of demand due to CORRECTIONS under Rule 60.1(b): | |
| 3. ☒ The date of receipt of the demand is AFTER the expiration of 19 months from the priority date and item 4 or 5, below, does not apply.
☒ The applicant has been informed accordingly. | 6. ☐ The date of receipt of the demand is AFTER the expiration of the time limit under Rule 54bis.1(a) and item 7 or 8, below, does not apply. |
| 4. ☐ The date of receipt of the demand is WITHIN the time limit of 19 months from the priority date as extended by virtue of Rule 80.5. | 7. ☐ The date of receipt of the demand is WITHIN the time limit under Rule 54bis.1(a) as extended by virtue of Rule 80.5. |
| 5. ☐ Although the date of receipt of the demand is after the expiration of 19 months from the priority date, the delay in arrival is EXCUSED pursuant to Rule 82. | 8. ☐ Although the date of receipt of the demand is after the expiration of the time limit under Rule 54bis.1(a), the delay in arrival is EXCUSED pursuant to Rule 82. |

For International Bureau use only

Demand received from IPEA on:

157 419 aa/npo

Zusatzblatt / Supplementary Sheet

In case the objections raised in the written opinion are not entirely overcome by our enclosed arguments/amendments, we respectfully request a telephone consultation with

Patent Attorney Mr. Greg Sach

before issuance of the International Preliminary Report on Patentability under Chapter II PCT to discuss the remaining objections.



P. Wiedemann

Association No. 151

PCT/EP2012/064493
SCA Hygiene Products AB

157 419 t7/vma

CLAIMS:

1. A product dispensing device, comprising at least a part of a dispenser housing and a cover member, wherein the dispenser housing defines a product reservoir for containing a stack of sheets, the part of the dispenser housing defines an opening through which products are dispensed from the product housing and through which the product housing is refillable, the cover member is positionable between an open position in which the opening of the dispenser housing part is revealed for refilling the product reservoir with dispensable products and a closed position in which the opening of the dispenser housing is covered for dispensing, and the cover member comprises a dispensing opening through which products are dispensed when the cover member is in the closed position, wherein the cover member is moveable relative to the part of the dispenser housing by way of a mechanism in which a projection rides along a guide between a first position in which the cover member is held closed to the part of the housing to resist opening of the cover member and a second position in which the cover member is openable relative to the part of the dispenser housing to the open position, wherein the guide and projection mechanism is a cam guide and projection mechanism and the guide of the cam guide and projection mechanism is shaped so that the cover member is raised relative to the part of the housing as the cover member is moved relative to the part of the housing from the first position to the second position.

2. A product dispensing device, comprising at least a part of a dispenser housing and a cover member, wherein the dispenser housing defines a product reservoir for containing a stack of sheets, the part of the dispenser housing defines an opening through which products are dispensed from the product housing and through which the product housing is refillable, the cover member is positionable between an open position in which the opening of the dispenser housing part is revealed for refilling the product reservoir with dispensable products and a closed position in which the opening of the dispenser housing is covered for dispensing, and the cover member comprises a dispensing opening through which products are dispensed when the cover member is in the closed position, wherein the cover member is moveable relative to the part of the dispenser housing by way of a mechanism in which a projection rides along a guide between a first position in which the cover member is held closed to the part of the housing to resist opening of the cover member and a second position in which the cover member is openable relative to the part of the dispenser

housing to the open position, wherein the cover member is moveable relative to the part of the housing between the first and second positions by way of a pin and groove mechanism, and wherein the cover member comprises a peripheral lip, depending from a general body of the cover member, wherein a groove of the pin and groove mechanism is provided on an inside surface of the peripheral lip

3. The dispensing device of claim 1, wherein the at least a part of the dispenser housing is a modular support member that is removably mountable to a product housing and to which the cover member is hingedly mounted or the at least a part of the dispenser housing is a product housing of a dispenser.
4. The dispensing device of claim 1, wherein the cover member is moveable relative to the part of the housing between the first and second positions by way of a pin and groove mechanism.
5. The dispensing device of claim 1, 2, 3 or 4, wherein the guide includes a pivot depression, and wherein the projection is located in the depression when the cover mechanism is in the second position to form a hinge about which the cover member is rotatable to the open position.
6. The dispensing device of claim 5, wherein the projection is biased so as to resiliently clip in to the depression as the projection runs along the guide to the depression and to provide resistance to the projection moving out of the depression to run back along the guide.
7. The dispensing device of any one of claims 1 to 5, wherein in the first position, the cover member is held to the part of the dispenser housing by engagement between surfaces resisting movement of the cover member in a direction to open the cover member to the open position from the closed position, and in the second position, the cover member is moved so that the surfaces come out of a blocking relative position to allow the cover member to be opened to the open position.
8. The dispensing device of claim 7, wherein surfaces resisting movement of the cover member in an opening direction are disposed at an opposed end of the cover member to the hinge so as to be positioned distally with respect to the hinge.

9. The dispensing device of any one of claims 1, wherein the cover member comprises a peripheral lip, depending from a general body of the cover member, wherein one of the guide and the projections are provided on an inside surface of the peripheral lip.
10. The dispensing device of claim 2, wherein the guide and projection mechanism is a cam guide and projection mechanism and the guide of the cam guide and projection mechanism is shaped so that the cover member is raised relative to the part of the housing as the cover member is moved relative to the part of the housing from the first position to the second position.
11. The dispensing device of any one of claims 1 to 10, wherein the guide of the cam guide and projection mechanism is shaped so that the cover member moves toward the part of the housing when the cover member is moved relative to the part of the housing from the second position to the first position.
12. The dispensing device of any one of claims 1 to 11, wherein the guide and projection mechanism comprises first and second guide and projection mechanisms, the first guide and projection mechanism providing a hinge about which the cover member is rotatable between the open and closed positions when the cover member is in the second position, and wherein the second guide mechanism is open at one end to allow the cover member to rotate between the open and closed positions when the cover member is in the second position and which is closed at the other end to block movement of the cover member from moving from the closed position to the open position when the cover member is in the first position.
13. The dispensing device of any one of claims 1 to 11, wherein the cover member and the housing part have cooperating catch members that are able to move past one another when the cover member is in the second position to allow the cover member to open and close and which overlap one another in the opening direction when the cover member is in the first position to block movement of the cover member from the closed position to the open position.
14. The dispensing device of claim 13, wherein the cooperating catch members are disposed at an opposed end of the cover member from a hinge about which the cover member is rotatable to open and close the cover member with respect to a direction perpendicular to the rotating axis of the hinge passing along a general plane defined by the cover member.

15. The dispensing device of any one of claims 1 to 14, wherein the cover member is openable by rotation relative to the housing part, and the cover member rides along the guide in a direction perpendicular to the rotation axis of the hinge so that the cover member is shifted from a position whereby the dispensing opening is offset from a central position with respect to the opening of the housing part to the central position.

CLAIMS:

1. A product dispensing device, comprising at least a part of a dispenser housing and a cover member, wherein the dispenser housing defines a product reservoir for containing ~~dispensable products~~ a stack of sheets, the part of the dispenser housing defines an opening through which products are dispensed from the product housing and through which the product housing is refillable, the cover member is positionable between an open position in which the opening of the dispenser housing part is revealed for refilling the product reservoir with dispensable products and a closed position in which the opening of the dispenser housing is covered for dispensing, and the cover member comprises a dispensing opening through which products are dispensed when the cover member is in the closed position, wherein the cover member is moveable relative to the part of the dispenser housing by way of a mechanism in which a projection rides along a guide between a first position in which the cover member is held closed to the part of the housing to resist opening of the cover member and a second position in which the cover member is openable relative to the part of the dispenser housing to the open position, wherein the guide and projection mechanism is a cam guide and projection mechanism and the guide of the cam guide and projection mechanism is shaped so that the cover member is raised relative to the part of the housing as the cover member is moved relative to the part of the housing from the first position to the second position.

2. A product dispensing device, comprising at least a part of a dispenser housing and a cover member, wherein the dispenser housing defines a product reservoir for containing a stack of sheets, the part of the dispenser housing defines an opening through which products are dispensed from the product housing and through which the product housing is refillable, the cover member is positionable between an open position in which the opening of the dispenser housing part is revealed for refilling the product reservoir with dispensable products and a closed position in which the opening of the dispenser housing is covered for dispensing, and the cover member comprises a dispensing opening through which products are dispensed when the cover member is in the closed position, wherein the cover member is moveable relative to the part of the dispenser housing by way of a mechanism in which a projection rides along a guide between a first position in which the cover member is held closed to the part of the housing to resist opening of the cover member and a second

position in which the cover member is openable relative to the part of the dispenser housing to the open position, wherein the cover member is moveable relative to the part of the housing between the first and second positions by way of a pin and groove mechanism, and wherein the cover member comprises a peripheral lip, depending from a general body of the cover member, wherein a groove of the pin and groove mechanism is provided on an inside surface of the peripheral lip

23. The dispensing device of claim 1, wherein the at least a part of the dispenser housing is a modular support member that is removably mountable to a product housing and to which the cover member is hingedly mounted or the at least a part of the dispenser housing is a product housing of a dispenser.

34. The dispensing device of claim 1 or 2, wherein the cover member is moveable relative to the part of the housing between the first and second positions by way of a pin and groove mechanism.

45. The dispensing device of claim 1, 2, 3 or 34, wherein the guide includes a pivot depression, and wherein the projection is located in the depression when the cover mechanism is in the second position to form a hinge about which the cover member is rotatable to the open position.

56. The dispensing device of claim 45, wherein the projection is biased so as to resiliently clip in to the depression as the projection runs along the guide to the depression and to provide resistance to the projection moving out of the depression to run back along the guide.

67. The dispensing device of any one of claims 1 to 45, wherein in the first position, the cover member is held to the part of the dispenser housing by engagement between surfaces resisting movement of the cover member in a direction to open the cover member to the open position from the closed position, and in the second position, the cover member is moved so that the surfaces come out of a blocking relative position to allow the cover member to be opened to the open position.

78. The dispensing device of claim 67, wherein surfaces resisting movement of the cover member in an opening direction are disposed at an opposed end of the cover member to the hinge so as to be positioned distally with respect to the hinge.

89. The dispensing device of any one of claims 1 to 7, wherein the cover member comprises a peripheral lip, depending from a general body of the cover member, wherein one of the guide and the projections are provided on an inside surface of the peripheral lip.

910. The dispensing device of ~~any one of claims 21 to 8~~, wherein the guide and projection mechanism is a cam guide and projection mechanism and the guide of the cam guide and projection mechanism is shaped so that the cover member is raised relative to the part of the housing as the cover member is moved relative to the part of the housing from the first position to the second position.

1011. The dispensing device of any one of claims 1 to 108, wherein the guide of the cam guide and projection mechanism is shaped so that the cover member moves toward the part of the housing when the cover member is moved relative to the part of the housing from the first-second position to the second-first position.

1112. The dispensing device of any one of claims 1 to 1011, wherein the guide and projection mechanism comprises first and second guide and projection mechanisms, the first guide and projection mechanism providing a hinge about which the cover member is rotatable between the open and closed positions when the cover member is in the second position, and wherein the second guide mechanism is open at one end to allow the cover member to rotate between the open and closed positions when the cover member is in the second position and which is closed at the other end to block movement of the cover member from moving from the closed position to the open position when the cover member is in the first position.

1213. The dispensing device of any one of claims 1 to 1011, wherein the cover member and the housing part have cooperating catch members that are able to move past one another when the cover member is in the second position to allow the cover member to open and close and which overlap one another in the opening direction when the cover member is in the first position to block movement of the cover member from the closed position to the open position.

1314. The dispensing device of claim 1213, wherein the cooperating catch members are disposed at an opposed end of the cover member from a hinge about which the cover member is rotatable to open and close the cover member with respect to a direction perpendicular to the rotating axis of the hinge passing along a general plane defined by the cover member.

1415. The dispensing device of any one of claims 1 to 14, wherein the cover member is openable by rotation relative to the housing part, and the cover member rides along the guide in a direction perpendicular to the rotation axis of the hinge so that the cover member is shifted from a position whereby the dispensing opening is offset from a central position with respect to the opening of the housing part to the central position.

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

PRODUCT DISPENSER AND COVER MEMBER FOR A PRODUCT DISPENSER

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application of United States Letters Patent on August 30, 2011 (Application No. 13/221,190); and

WHEREAS, SCA HYGIENE PRODUCTS AB, a corporation of Sweden, whose post office address is SE-405 03, Göteborg, Sweden (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 the application of United States Letters Patent on this invention and the 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, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all 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 such applications, 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 I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent of this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

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

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to ME/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 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, I/WE have hereunto set our hand(s).

Full Name of Sole or First Assignor Justin SIEBEL	Assignor's Signature <i>Justin Siebel</i>	Date 10-24-11
Address: 814 Fairmount Ave. Chatham, New Jersey 07928 United States of America		Citizenship US
Full Name of Second Assignor	Assignor's Signature	Date
Address:		Citizenship

Names of additional inventors attached ☐ Yes ☒ No

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY
U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

ATTORNEY DOCKET NO.: 049121-0048 (474803)

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 sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PRODUCT DISPENSER AND COVER MEMBER FOR A PRODUCT DISPENSER

The specification of which:

is attached hereto; or

was filed as United States application Serial No. 13/221,190 on August 30, 2011 and was amended on August 30, 2011 (if applicable); or

was filed as PCT international application Number _____ on _____ and was amended under PCT Article 19 on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office information which is material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate or Section 365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign applications(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

PRIOR FOREIGN APPLICATION(S):

COUNTRY (if PCT, indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			☐ Yes ☐ No
			☐ Yes ☐ No
			☐ Yes ☐ No
			☐ Yes ☐ No

Combined Declaration for Patent Application and Power of Attorney - (Continued)
ATTORNEY DOCKET NO. 049121-0048 (474803)

I hereby claim the benefits under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below.

U.S. PROVISIONAL APPLICATIONS

U.S. PROVISIONAL APPLICATION NO.	U.S. FILING DATE:

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) or Section 365(c) of any PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT:

U.S. OR PCT INTERNATIONAL APPLICATIONS

STATUS (Check One)

APPLICATION NO.	FILING DATE	PATENTED	PENDING	ABANDONED
		☐	☐	☐
		☐	☐	☐
		☐	☐	☐
		☐	☐	☐

POWER OF ATTORNEY: As a named inventor, I hereby appoint the registered practitioners of Drinker Biddle & Reath LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number.

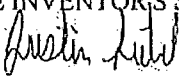
Customer Number: **55694**

Direct Telephone Calls To:

Ronald L. Grudziecki
202-842-8802

Combined Declaration for Patent Application and Power of Attorney - (Continued)
ATTORNEY DOCKET NO. 049121-0048 (474803)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false 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 patent issuing thereon.

FULL NAME OF SOLE OR FIRST INVENTOR	Justin SIEBEL	
RESIDENCE & CITIZENSHIP	Chatham, New Jersey	COUNTRY OF CITIZENSHIP: US
POST OFFICE ADDRESS	814 Fairmount Ave. Chatham, New Jersey 07928 United States of America	
FIRST OR SOLE INVENTOR'S SIGNATURE	DATE	
	10-24-11	
FULL NAME OF SECOND INVENTOR		
RESIDENCE & CITIZENSHIP		COUNTRY OF CITIZENSHIP:
POST OFFICE ADDRESS		
SECOND INVENTOR'S SIGNATURE	DATE	
FULL NAME OF THIRD INVENTOR		
RESIDENCE & CITIZENSHIP		COUNTRY OF CITIZENSHIP:
POST OFFICE ADDRESS		
THIRD INVENTOR'S SIGNATURE	DATE	
FULL NAME OF FOURTH INVENTOR		
RESIDENCE & CITIZENSHIP		COUNTRY OF CITIZENSHIP:
POST OFFICE ADDRESS		
FOURTH INVENTOR'S SIGNATURE	DATE	

Listing of Inventors Continued on attached page(s): ☐ Yes ☒ No

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EXPEDIENTE DE ABOGADO No. 049121-0048 (474803)
INVENCION ÚNICA/CONJUNTA
(Derechos a nivel mundial)

CESIÓN

POR CUANTO, Yo/Nosotros, los abajo nombrados Inventores, [en adelante denominados como los Cedentes], hemos realizado una invención titulada

DISPENSADOR DE PRODUCTO Y CUBIERTA ASOCIADA PARA UN DISPENSADOR DE PRODUCTOS

Para la cual Yo/Nosotros suscribimos una Solicitud para Certificado de Patente de los Estados Unidos al tiempo con la presente; o presentamos una solicitud de Certificados de Patente de los Estados Unidos el 30 de Agosto de 2011 (Solicitud No. 13/221,190); y

POR CUANTO SCA HYGIENE PRODUCTS AB, una sociedad de Suiza, cuya dirección postal es SE-405 03, Göteborg, Suecia (en adelante denominada como el Cesionario), tiene el deseo de asegurar el completo derecho, título e interés en y para esta invención en todos los países a lo largo del mundo, y en y para la solicitud de Certificado de Patente de los Estados Unidos sobre esta invención y los Certificados de patente a ser emitidos bajo esta solicitud;

AHORA, POR CONSIGUIENTE, sépase, que por una buena y valorable contraprestación, cuyo recibo el Cesionario por el presente reconoce, Yo/nosotros, como cedentes, hemos vendido, cedido, transferido y traspasado al cesionario, a sus sucesores y cesionarios lícitos, MI/NUUESTRO completo derecho, título e interés en y para esta invención y esta solicitud, y todas las divisiones y continuaciones de la misma, y todos los Certificados de Patente de los Estados Unidos que puedan ser otorgados sobre ella, y todas las re-expediciones de la misma, y todos los derechos para reivindicar prioridad sobre la base de tal solicitud, y todas las solicitudes de Certificados de Patente que puedan en adelante ser presentados para esta invención en cualquier país extranjero y todos los Certificados de Patente que puedan ser otorgados sobre esta invención en cualquier país extranjero, y todas las prórrogas, renovaciones y re-expediciones de las mismas; y yo/nosotros por el presente autorizamos y solicitamos al Comisionado de Patentes y Marcas de los Estados Unidos y a cualquier funcionario de cualquier país extranjero cuyo deber sea el expedir patentes sobre solicitudes como arriba se describen, expedir todos los Certificados de Patente de esta invención al Cesionario, a sus sucesores y cesionarios, de acuerdo con los términos de esta Cesión;

Y, NOSOTROS POR EL PRESENTE declaramos que tenemos el pleno derecho para traspasar el interés cedido mediante esta Cesión, y que Nosotros no hemos suscrito y no suscribiremos cualquier acuerdo que entre en conflicto con esta Cesión;

Y, NOSOTROS POR EL PRESENTE además declaramos y acordamos que NOSOTROS, sin contraprestación adicional, comunicaremos al cesionario, a sus sucesores y cesionarios, cualesquiera hechos conocidos por nosotros respecto de esta invención, y testificaremos en cualesquiera procesos legales, firmaremos todos los papeles lícitos cuando así nos llamen a hacerlo, suscribiremos y entregaremos cualesquiera y todos los papeles que puedan ser necesarios o deseables para perfeccionar el título para esta invención y en general haremos todo lo posible para

ayudar al cesionario, a sus sucesores y cesionarios para obtener y hacer cumplir la protección de patente apropiada para esta invención en los Estados Unidos y cualquier país extranjero, estando entendido que cualquier gasto incidental para la suscripción de tales papeles será asumido por el cesionario, sus sucesores y cesionarios.

EN TESTIMONIO DE LO CUAL, hemos firmado el presente.

Nombre completo del único o Primer Cedente Justin SIEBEL	Firma del Cedente (Firmado)	Fecha 10-24-11
Dirección 814 Fairmount Ave. Chatham, New Jersey 07928 Estados Unidos de América		Ciudadanía Estados Unidos
Nombre completo del único o Primer Cedente	Firma del Cedente	
Dirección		Ciudadanía

Nombres de Inventores Adicionales adjunto ☐ Si ☒ No

DECLARACIÓN COMBINADA PARA SOLICITUD DE PATENTE Y PODER
DEPARTAMENTO DE COMERCIO DE LOS ESTADOS UNIDOS
Oficina de Marcas y Patentes

EXPEDIENTE DE ABOGADO No. 049121-0048 (474803)

Como el inventor abajo nombrado, Yo por el presente declaro que:

Mi residencia, dirección de correo postal y ciudadanía están abajo establecidas junto a mi nombre,

Creo que soy el inventor original, primero y único (si únicamente un solo nombre está abajo enumerado) o un inventor original, primero y conjunto (si varios nombres se encuentran abajo enumerados) del asunto que se reivindica para el cual se solicita una patente sobre la invención titulada:

DISPENSADOR DE PRODUCTO Y CUBIERTA ASOCIADA PARA UN DISPENSADOR DE PRODUCTOS

La especificación de la cual:

Se encuentra adjunta a la presente; o

Fue presentada como solicitud de los Estados Unidos Serie No. 13/221,190 el 30 de Agosto de 2011 y fue reformada el 30 de Agosto de 2011 (si fuere aplicable); o

Fue presentada como solicitud internacional PCT Numero _____ el _____ y reformada bajo el Artículo 19 PCT el (si es aplicable).

Yo por el presente manifiesto que he revisado y entiendo el contenido de la especificación antes identificada, incluyendo las reivindicaciones, como se hayan reformado por cualquier reforma arriba referida.

Reconozco el deber de divulgar a la oficina de Marcas y Patentes de los Estados Unidos la información que sea esencial para la patentabilidad de las reivindicaciones presentadas en esta solicitud, de acuerdo con el Título 37 del Código de Reglamentaciones federales, Sección 1.56.

Yo por el presente reivindico los beneficios de prioridad extranjera bajo el Título 35, del Código de los Estados Unidos, Sección 119(a)-(d) o la Sección 365(b) de cualquier solicitud extranjera para certificado de patente o de inventor de cualquier solicitud internacional PCT designando al menos un país diferente de los Estados Unidos abajo enumerado y he también identificado abajo cualquier solicitud extranjera para certificado de patente o de inventor o cualquier solicitud internacional PCT designando al menos un país diferente de los Estados Unidos de América presentada por mí en el mismo asunto teniendo una fecha de presentación anterior a aquella de la solicitud para la cual se reivindica prioridad.

SOLICITUDES EXTRANJERAS ANTERIORES			
PAÍS 8si PCT, indicar PCT)	NUMERO DE SOLICITUD	FECHA DE PRESENTACIÓN (día, mes, año)	PRIORIDAD REIVINDICADA
			☐ Si ☐ No
			☐ Si ☐ No
			☐ Si ☐ No
			☐ Si ☐ No

Yo por el presente reivindico los beneficios bajo el Título 35, del Código de los Estados Unidos, Sección 119 de cualquier solicitud provisional de los Estados Unidos enumerada abajo

SOLICITUDES PROVISIONALES DE LOS ESTADOS UNIDOS	
SOLICITUD PROVISIONAL DE LOS ESTADOS UNIDOS No.	FECHA DE PRESENTACIÓN EN LOS ESTADOS UNIDOS:

Yo por el presente reivindico el beneficio bajo el Título 35, Código de los Estados Unidos, Sección 120 de cualquier solicitud de los Estados Unidos o la Sección 365 © de cualquier solicitud internacional PCT designando a los Estados Unidos, que se encuentra enumerada abajo, y mientras el asunto de cada una de las reivindicaciones de esta solicitud no sean divulgadas en esas solicitudes previas de la manera establecida por el parágrafo del Título 35 del Código de los Estados Unidos, Sección 112, I, reconozco el deber de divulgar a la Oficina de Marcas y Patentes de los Estados Unidos toda la información conocida por mí como esencial para la patentabilidad de las

reivindicaciones presentadas en esta solicitud de acuerdo con el Título 37 del Código de Reglamentaciones Federales, Sección 1.56, el cual se estuvo disponible entre la fecha de presentación de la solicitud anterior y la fecha de presentación nacional o PCT internacional de esta solicitud:

SOLICITUDES DE LOS ESTADOS UNIDOS PREVIAS O SOLICITUDES PREVIAS PCT INTERNACIONALES DESIGNANDO A LOS ESTADOS UNIDOS PARA BENEFICIO:				
SOLICITUDES DE LOS ESTADOS UNIDOS O PCT INTERNACIONALES		ESTADO (marque uno)		
SOLICITUD NO.	FECHA DE PRESENTACIÓN	PATENTADA	PENDIENTE	ABANDONADA

PODER: Como un inventor nombrado, Yo por el presente nombro a los practicantes registrados de Drinker Biddle & Reath LLP incluidos en el Número de Cliente abajo suministrado para obtener esta solicitud y para transar todos los negocios en la oficina de Marcas y Patentes conectada con ellos, y para ordenar que toda la correspondencia sea dirigida a ese Número de Cliente.

Número de Cliente: 55694

Dirigir Llamadas Telefónicas a: Ronald L. Grudziecki 202-842-8802

Yo por el presente declaro que todas las declaraciones realizadas en el presente de mi propio conocimiento son verdaderas y que todas las declaraciones realizadas sobre y información y creencia son creídas como verdaderas; y además que estas declaraciones fueron realizadas con el conocimiento de que las declaraciones falsas dolosas y cualquiera similar así realizada son castigadas mediante multa o prisión, o ambas, bajo la Sección 1001 del Título 18 del Código de los Estados Unidos, y que tales declaraciones falsas dolosas pueden perjudicar la validez de la solicitud o de cualquier patente que se expida sobre ellas.

NOMBRE COMPLETO DEL ÚNICO O PRIMER INVENTOR	Justin SIEBEL		
RESIDENCIA & CIUDADANÍA	Chatham, New Jersey	PAÍS DE CIUDADANÍA Estados Unidos	
DIRECCIÓN DE OFICINA POSTAL	814 Fairmount Ave. Chatham, New Jersey 07928 Estados Unidos de América		
FIRMA DEL ÚNICO O PRIMER INVENTOR (Firmado)			FECHA 10-24-11
NOMBRE COMPLETO DEL SEGUNDO INVENTOR			
RESIDENCIA & CIUDADANÍA		PAÍS DE CIUDADANÍA	
DIRECCIÓN DE OFICINA			

POSTAL		
FIRMA DEL SEGUNDO INVENTOR		FECHA
NOMBRE COMPLETO DEL TERCER INVENTOR		
RESIDENCIA & CIUDADANÍA		PAÍS DE CIUDADANÍA
DIRECCIÓN DE OFICINA POSTAL		
FIRMA DEL TERCER INVENTOR		FECHA
NOMBRE COMPLETO DEL CUARTO INVENTOR		
RESIDENCIA & CIUDADANÍA		PAÍS DE CIUDADANÍA
DIRECCIÓN DE OFICINA POSTAL		
FIRMA DEL CUARTO INVENTOR		FECHA

El Listado de Inventores continúa en la página adjunta: ☐ Si ☒ No