502093878 10/15/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Rosemary Louise Burnell	10/10/2006
Jonathan Hogwood	10/13/2006

RECEIVING PARTY DATA

Name:	Cilag GMBH International	
Street Address:	CH-6300, Landis & Gyrstrasse 1	
City:	Landis & Gyrstrasse 1	
State/Country:	SWITZERLAND	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11910544

CORRESPONDENCE DATA

Fax Number: 5133378489

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 513-337-3409
Email: Vvanden5@its.jnj.com
Correspondent Name: Johnson & Johnson

Address Line 1: One Johnson & Johnson Plaza

Address Line 2: Philip S. Johnson

Address Line 4: New Brunswick, NEW JERSEY 08933

ATTORNEY DOCKET NUMBER:	CCS5022USPCT
NAME OF SUBMITTER:	Virginia VanDenBurg

Total Attachments: 8

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PATENT REEL: 029125 FRAME: 0623 CH \$40.00 119105.

502093878

I, Martin Emil BUCHNER, Notary Public of the City of London and elsewhere in England, by Royal Authority, duly admitted and sworn, practising in the said City,

DO HEREBY CERTIFY AND ATTEST:

THAT the hereunto annexed Deed has been signed and executed in my presence for and on behalf and as the Deed of the Company styled "PA HOLDINGS LIMITED" by Bruce Edgar TINDALE and Jonathan Patrick MOYNIHAN, whose personal identities I, the Notary, attest, two of the Directors of the said Company;

THAT the said "PA HOLDINGS LIMITED" is a Private Limited Company duly incorporated and existing under the laws of England, registered at the Companies Registration Office for England and Wales under number 2235016 and has its Registered Office at 123 Buckingham Palace Road, London SW1W 9SR, England;

THAT the said annexed Deed has likewise been signed and executed in my presence for and on behalf and as the Deed of the Company styled "PA CONSULTING SERVICES LIMITED" by the said by Bruce Edgar TINDALE and Jonathan Patrick MOYNIHAN, two of the Directors of the said Company;

THAT the said "PA CONSULTING SERVICES LIMITED" is a Private Limited Company duly incorporated and existing under the laws of England, registered at the Companies Registration Office for England and Wales under number 414220 and has its Registered Office at 123 Buckingham Palace Road, Victoria, London SW1W 9SR, England:

AND THAT the said Deed being so signed, is binding on each of the said Companies in accordance with the provisions of English law.

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my Seal of Office in the City of London aforesaid, this eighteenth day of October in the year Two thousand and six.

> Martin Emil BUCHNER Notary Public of London, England My Commission expires with life

Telephone:+44 (0)20 7208 2900

PATENT L: 029125 FRAME: 0624 THIS DEED is made the FRIEENTH day of NOVEMBER BETWEEN:

2006

- (1) Rosemary Louise HABESHAW, a British citizen, of 84a Blinco Grove, Cambridge, CB1 7TS, United Kingdom, and Jonathan HOGWOOD, a British citizen, of 7 Chalk Hill, Barrow, Melbourn, Royston, Hertfordshire, SG8 6EQ, United Kingdom (hereinafter called collectively "the Inventors" which expression where the context so allows shall include their personal representatives and assigns);
- (2) PA HOLDINGS LIMITED, a company incorporated under the laws of England and Wales and having its registered office at 123 Buckingham Palace Road, London, SW1W 9SR, United Kingdom (hereinafter called "PAH" which expression where the context so allows shall include its successors and assigns);
- (3) PA CONSULTING SERVICES LIMITED, a company incorporated under the laws of England and Wales and having its registered office at 123 Buckingham Palace Road, London, SW1W 9SR, United Kingdom (hereinafter called "PACS" which expression where the context so allows shall include its successors and assigns); and
- (4) CILAG GMBH INTERNATIONAL (formerly CILAG AG INTERNATIONAL), a Swiss body corporate, of CH-6300, Landis & Gyrstrasse 1, Switzerland (hereinafter called "Cilag" which expression where the context so allows shall include its successors and assigns).

WHEREAS:-

- (A) The Inventors are the inventors of an invention ("the Invention") full particulars whereof have been communicated by them to PAH and which is the subject of one or more applications for patent protection identified in the Schedule hereto (the "Applications");
- (B) The Invention was made by each of the Inventors while in the employment of PAH and in the course of their normal duties or in the course of duties falling outside their normal duties but specifically assigned to them and the circumstances were such that an invention might reasonably be expected to result from the carrying out of their duties and accordingly the Invention is to be taken (as between each of the Inventors and PAH) to belong to PAH for the purposes of the Patents Act 1977 and for all other purposes of whatsoever nature;
- (C) By an Agreement dated 15 December 1998 between PAH of the one part and PACS and certain other members of the PA Group of the other part PACS is entitled to all the right title and interest of PAH in and to the Invention including the right to apply for and obtain a patent or patents or other similar forms of protection in respect of the Invention both in the United Kingdom of Great Britain Northern Ireland and the Isle of Man ("the United Kingdom") and in all other countries of the world;

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- (D) By an Agreement dated 28 October 2002 between PACS of the one part and Cilag of the other part it was agreed by PACS that all its right, title and interest in and to the patent application identified in the Schedule hereto be assigned to Cilag; and
- (E) Each of the Inventors has agreed at the request of PAH, PACS and Cilag and PAH and PACS have agreed at the request of Cilag to execute this Deed on the terms herein contained.

NOW THIS DEED WITNESSES as follows:-

- 1. In pursuance of the said agreements and in consideration of the premises the Inventors PAH and PACS HEREBY JOINTLY and SEVERALLY and to the extent of their respective shares and interests therein ASSIGN and CONFIRM unto Cilag which hereby accepts ALL THOSE their respective rights titles shares and interests in and to the Invention and the Applications and all patents granted thereon or deriving therefrom or otherwise relating to the invention AND the full and exclusive benefit thereof (subject always to the Agreement dated 28 October 2002) TOGETHER WITH all rights of action and powers accruing or belonging to the Inventors, PAH or PACS AND the full right to apply for and obtain a patent or patents or other similar forms of protection in respect of the Invention in the United Kingdom and all other countries of the world in the name of Cilag alone or as Cilag may from time to time otherwise elect or the relevant law may require including the benefit of any priority date and the right to make applications whether under any national law or under the International Convention for the Protection of Industrial Property or under any other applicable convention or treaty TO HOLD the same unto Cilag absolutely. For the avoidance of doubt this arrangement includes without limitation:
 - (a) the Applications, any parent patent applications, and all patent applications, patent and supplementary protection certificates which may now or hereafter derive of result or claim priority from any of the same, including any divisionals, continuations, reissues, extensions and registrations in relation to any thereof and all and any other rights in the inventions comprised in any of the same (together referred to as the "Patent Rights");
 - (b) the right to seek and obtain registrations in any country in respect of any patent included in the Patent Rights;
 - (c) all other intellectual property rights and know-how including without limitation any copyrights and design rights (whether or not registrable) in any way relating to the invention;
 - (d) the right to sue for and obtain injunctive relief, damages and all other relief in respect of any infringement or misuse (whether past present or future) of any of the rights hereby transferred including all Patent Rights and other intellectual property rights.

- The inventors PAH and PACS HEREBY JOINTLY and SERVERALLY confirm insofar as any of the Applications or other Patent Rights have been or will be filed in Cilag's name that Cilag was and will be fully entered to do the same having regard to the matter set out in the Recitals hereto.
- The Inventors PAH and PACS HEREBY JOINTLY and SEVERALLY COVENANT and AGREE with Cilag as follows:-
 - (i) that they will at any time hereafter (whether or not the Inventors remain in the employ of PAH) and from time to time at the request and expense of Cilag promptly execute and sign all such instruments applications and documents and do all such acts and things as may be reasonably required by Cilag to enable Cilag to enjoy the full benefit of the rights hereby confirmed and assigned including at the direction of Cilag applying for and obtaining a patent or patents or other similar forms of protection in respect of the Invention in the United Kingdom or any other countries of the world and vesting the same in Cilag or its nominees on request by Cilag when obtained and assisting in the filing and prosecution and enforcement of any of the Patent Rights or other rights assigned by this deed;
 - (ii) that, save as may be agreed in the Agreement dated 28 October 2002, they have not assigned or agreed to assign to any person firm or company other than Cilag or otherwise encumbered and will not hereafter assign or agree to assign to any person firm or company or otherwise encumber the Invention or the Applications or any other of the Patent Rights or other arranged rights or the right to apply for or obtain a patent or patents or other similar forms of protection in respect of the Invention in the United Kingdom or elsewhere throughout the world; and
 - (iii) that the Inventors will give to PAH and to PACS and PAH and PACS will give to Cilag all such information in their possession or in their power relating to the Invention and the method of using or employing the same as Cilag shall from time to time reasonably require.
- 4. This document shall be governed by and construed in accordance with English law

IN WITNESS whereof this Instrument has been executed as a Deed by the parties and delivered in the presence of the persons mentioned below the day and year first before written.

SCHEDULE - THE APPLICATIONS

 Country/
 Application
 Application

 Convention
 Number
 Date

 GB
 0507009.9
 6th April 2005

 PCT
 PCT/GB2006/001029
 21st March 2006

in the presence of:) Flowell
Witness' name Every Buller	
Address 59, MARCESTONES ROAD	
COTTENHAM, CAMBS	
Occupation LEGAL ASSISTANT	NLW
1 Nt Oclay, 2006 S	MARTIN E. BUCHNER Scrivener Notary of London, England My Commission expires with life.
SIGNED AS A DEED by the said)
Jonathan HOGWOOD	,
in the presence of:-) .
E. Ben	J. Hogswood
Witness' name EVEN BURGE	
Address St. MARKESTOWES RD	
COTIENHAM, CAMBA	
Occupation LECAL PASSIST ANT	1/4///
	10 .///
and in the presence of a Notary Public. 13 th October 2006	MARTIN E. BUCHNER Scrivener Notary of London, England My Commission expires with life.
SIGNED AS A DEED by	
PA HOLDINGS LIMITED acting by	
two Directors	\mathcal{L}
	10 0
	Director
	- 1, H
	(a May)
	Director
in the presence of a Notary Public.	
18th Ochler 2006	1 / /// ////
10 2000 2000	
*	MARTIN E. BUCHNER
	Scrivener Notary of London, England
PIN	My Commission expires with life.
35 PICCADILLY	5

PATENT REEL: 029125 FRAME: 0629

SIGNED AS A DEED by PA CONSULTING SERVICES LIMITED acting by two Directors Director Director in the presence of a Notary Public. 18th Ochler 2006 MARTIN E. BUCHNER Scrivener Notery of London, England My Commission expires with life. SIGNED AS A DEED by CILAG GMBH INTERNATIONAL acting by officers under the authority of such company in accordance with the laws of the territory in which it is incorporated Authorized Representative ex attached Power or attached Jandia J. Crawfael in the presence of a Notary Public, and Sandra S. Crawford 6th november 2006 **Notary Public of New Jersey** My Commission Expires 9/7/2010 Officer Authorized Representative (See attached Power of attorney in the presence of a Notary Public.

15th, november, 2006

KIMBERLY MELLISŠA MOSES Notary Public, State of Ohio My Commission Expires September 23, 2011

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Cilag GmbH International Landis + Gyr-Strasse 1 CH-6300 Zug Switzerland

Telephone 041 725 50 50 Telefax 041 725 50 51 To whom it may concern

September 27, 2005

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POWER OF ATTORNEY

Cilag GmbH International ("Cilag") hereby appoints the following attorneys to prosecute patent applications on behalf of Cilag, to execute assignment papers on behalf of Cilag, to dispose of patent assets on behalf of Cilag and to otherwise transact all business on behalf of Cilag in any patent office worldwide. The below mentioned attorneys shall also have authority to appoint associate powers of attorney consistent herewith.

Dean L. Garner 4545 Creek Road Cincinnati, OH 45242

Joseph Shirtz One Johnson & Johnson Plaza New Brunswick, NJ 08933-7003

Cilag GmbH International

Heinz Schmid General Manager

Gilbert Eyer Finance Director

> PATENT REEL: 029125 FRAME: 0631

RECORDED: 10/15/2012