

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3209398

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MARTIN JOHN MCLOUGHLIN	03/10/2014
MICHAEL JAMES DAVID HEALD	03/25/2014
ILARIO MELZI	05/09/2014
STEFAN VERLAAK	05/09/2014
TATIANA PALOMBI	05/12/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UCB PHARMA S.A.
<b>Street Address:</b>	60, ALLEE DE LA RECHERCHE
<b>City:</b>	BRUSSELS
<b>State/Country:</b>	BELGIUM
<b>Postal Code:</b>	B-1070
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14418440
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)951-7050
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	617-951-7000
<b>Email:</b>	paula.derby@ropesgray.com
<b>Correspondent Name:</b>	ROPES & GRAY LLP
<b>Address Line 1:</b>	PRUDENTIAL TOWER
<b>Address Line 2:</b>	800 BOYLSTON STREET
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02199
<b>ATTORNEY DOCKET NUMBER:</b>	106471-0014-303
<b>NAME OF SUBMITTER:</b>	PAULA J. DERBY
<b>SIGNATURE:</b>	/Paula J. Derby/
<b>DATE SIGNED:</b>	02/03/2015
<b>Total Attachments: 23</b>	

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## CONFIRMATORY ASSIGNMENT

WHEREAS, Martin John McLoughlin, Darrell P. Morgan, and Michael James David Heald (the "INVENTORS") have been employed by UCB Pharma S.A., having principal offices at 60, Allée de la Recherche, B-1070 Brussels, Belgium (hereinafter "ASSIGNEE"), and during the course of employment invented certain improvements described in one or more of the applications for patents set forth in Schedule A (the "Patent Applications");

WHEREAS, as a condition of such employment all work product and intellectual property rights arising from the employment is and will be owned by ASSIGNEE, including all rights to seek patent protection for such work product throughout the world;

WHEREAS, the parties desire to memorialize ASSIGNEE'S interest in the inventions and Patent Applications, in accordance with agreements duly entered into with the INVENTORS;

NOW, THEREFORE, for and in consideration of said agreements, and of other good and valuable consideration, the receipt of which is hereby acknowledged, the INVENTORS confirm that they have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest of the INVENTORS in and throughout the United States of America, its territories and all foreign countries, in and to all inventions as described in the Patent Applications, together with the entire right, title and interest in and to said Patent Applications and any patents as may issue thereon, and any reissue, continuation, continuation-in-part, divisional and foreign counterparts thereof and including the right to claim priority under any applicable statute, treaty or convention based on said Patent Applications; said inventions, applications and patents to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which any said patents may be granted; the INVENTORS also confirm that they have conveyed and hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for patents, all choses in action pertaining to the Patent Applications or patents including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the Patent Applications or patents. The INVENTORS hereby acknowledge that this Confirmatory Assignment, being of their entire right, title and interest in and to said inventions, confirms that ASSIGNEE has all rights necessary to apply for and obtain from competent authorities in all countries of the world any and all Patent Applications or patents by attorneys and agents of ASSIGNEE'S selection and the right to procure the grant of all such Patent Applications or patents to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, the INVENTORS hereby agree for themselves and their executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid inventions and

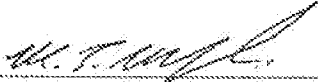
intellectual property rights to said ASSIGNEE, its successors, assigns and legal representatives, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional, continuation or continuation-in-part applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said inventions or any Patent Applications or patents directed thereto may be involved;

AND, the INVENTORS do hereby authorize and request the commissioner of patents of all applicable countries listed in Schedule A to issue such patents as shall be granted upon said Patent Applications or applications based thereon to said ASSIGNEE, its successors, assigns and legal representatives.

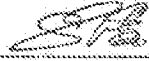
This Confirmatory Assignment may be executed in any number of counterparts and by facsimile signature or other electronic transmission, each of which shall be enforceable against the party actually executing the counterpart, and all of which together shall constitute one instrument.

[The remainder of this page is intentionally left blank, signature pages to follow]

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal(s) the date set forth below.


Inventor:  Date: 10 MAR 2014  
Martin John McLoughlin

Address UCB, 208 BATH ROAD,  
SLOUGH, SL1 3WE, UK

Witness  Date: 10-MAR-2014  
STEVEN PAINE

Address UCB, 208 BATH ROAD, SLOUGH,  
SL1 3WE, UK

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal(s) the date set forth below.

Inventor  Date: 14-Mar-2014  
Darrell P. Morgan

Address 12 JACARANDA COURT  
PUKUKOHE, AUCKLAND, NEW ZEALAND

Witness SU W/N Sullivan Date: 14-Mar-2014

Address 23 BYBLOS PLACE, THE GARDENS  
AUCKLAND 2105, NEW ZEALAND

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal(s) the date set forth below.

Inventor 777 *Heald* Date: 25 MAR 2014  
Michael James David Heald

Address 208 BATH ROAD, SLOUGH  
BERKS. SL1 3WE. UK.

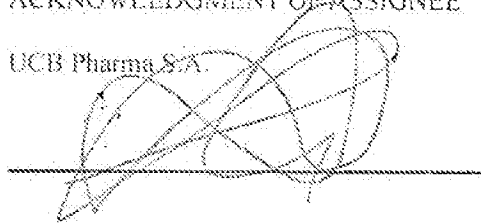
Witness *[Signature]* Date: 25 MAR 2014  
STEVEN POON

Address 208 BATH ROAD, SLOUGH, BERKSHIRE,  
SL1 3WE, UK

106471-0014

ACKNOWLEDGMENT OF ASSIGNEE

UCB Pharma S.A.

A handwritten signature in black ink, appearing to read 'Stéphane Drouin', is written over a horizontal dotted line.

Name: \_\_\_\_\_  
          **Stéphane DROUIN**  
          Proxy and Legal Representative

Title: \_\_\_\_\_



## Schedule A

APPLICATION NO.	COUNTRY	FILING DATE	TITLE	R&G REF.
GB1213498.7	United Kingdom	30-July-2012	AUTO-INJECTOR	N/A
GB1213500.0	United Kingdom	30-July-2012	AUTO-INJECTOR	N/A
GB1213502.6	United Kingdom	30-July-2012	AUTO-INJECTOR	N/A
GB1213503.4	United Kingdom	30-July-2012	AUTO-INJECTOR	N/A
GB1222353.3	United Kingdom	12-Dec-2012	AUTO-INJECTOR	N/A
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29/438,990	United States	5-Dec-2012	CASSETTE DEVICE FOR ADMINISTERING MEDICATION	106471-0014-202
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148,852	Canada	5-Dec-2012	DRIVE DEVICE FOR ADMINISTERING MEDICATION	106471-0014-CA1
148,848	Canada	5-Dec-2012	AUTO-INJECTOR CASSETTE DEVICE FOR ADMINISTERING MEDICATION	106471-0014-CA2
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2013-15492	Japan	5-Dec-2012	CASSETTE DEVICE FOR ADMINISTERING MEDICATION	106471-0014-JP4
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PCT/EP13/65939	PCT	29-July-2013	AUTO-INJECTOR	106471-0014-WO3
PCT/EP13/65940	PCT	29-July-2013	AUTO-INJECTOR	106471-0014-WO4

## CONFIRMATORY ASSIGNMENT

WHEREAS, UCB Pharma S.A. ("ASSIGNEE"), having principal offices at 60, Allée de la Recherche, B-1070 Brussels, Belgium, engaged Smart Design and Flextronics Design, and Kevin Lozeau, Agnete Enga, Daniel Formosa, Michael Schumann, Vincent Faivre d'Arquier, Ilario Meizi, Stefan Verlaak and Tatiana Palombi (each individual, collectively, the "INVENTORS") to perform engineering services that included designing drug delivery devices suitable for commercial use and sale with ASSIGNEE'S medicaments, it having been a condition of such engagement that all work product and intellectual property rights arising from the engagement is and will be owned by ASSIGNEE, including all rights to seek patent protection for such work product throughout the world;

WHEREAS, pursuant to the engagement, the INVENTORS have invented certain improvements described in one or more of the applications for patents set forth in Schedule A (the "Patent Applications");

WHEREAS, ASSIGNEE, Smart Design and Flextronics Design, and the INVENTORS desire to memorialize ASSIGNEE'S ownership of such improvements and Patent Applications, and all other intellectual property rights therein;

NOW, THEREFORE, for and in consideration of the terms of the prior agreements between the parties, and of other good and valuable consideration, the receipt of which is hereby acknowledged, the INVENTORS, Smart Design and Flextronics Design (collectively, the "Hired Parties") confirm that they have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest of the Hired Parties in and throughout the United States of America, its territories and all foreign countries, in and to all inventions as described in the Patent Applications, together with the entire right, title and interest in and to said Patent Applications and any patents as may issue thereon, and any reissue, continuation, continuation-in-part, divisional and foreign counterparts thereof and including the right to claim priority under any applicable statute, treaty or convention based on said Patent Applications; said inventions, applications and patents to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which any said patents may be granted; the Hired Parties also confirm that they have conveyed and hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for patents, all choses in action pertaining to the Patent Applications or patents including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the Patent Applications or patents. The Hired Parties hereby acknowledge that this Confirmatory Assignment, being of their entire right, title and interest in and to said inventions, confirms that ASSIGNEE has all rights necessary to apply for and obtain from competent authorities in all countries of the world any and all Patent Applications or patents by attorneys and agents of ASSIGNEE'S selection and the right to procure the grant of all such Patent

Applications or patents to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, the Hired Parties hereby agree for themselves and their executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid inventions and intellectual property rights to said ASSIGNEE, its successors, assigns and legal representatives, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional, continuation or continuation-in-part applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said inventions or any Patent Applications or patents directed thereto may be involved;

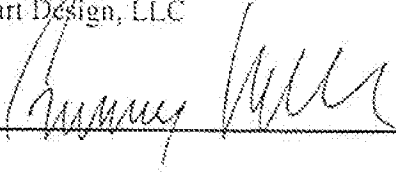
AND, the Hired Parties do hereby authorize and request the commissioner of patents of all applicable countries listed in Schedule A to issue such patents as shall be granted upon said Patent Applications or applications based thereon to said ASSIGNEE, its successors, assigns and legal representatives.

This Confirmatory Assignment may be executed in any number of counterparts and by facsimile signature or other electronic transmission, each of which shall be enforceable against the party actually executing the counterpart, and all of which together shall constitute one instrument.

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Execution of this Confirmatory Assignment by:

Smart Design, LLC

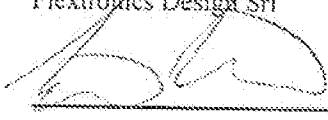
  
\_\_\_\_\_

Name: Gregory Littman

Title: COO

Execution of this Confirmatory Assignment by:

Flextronics Design Srl

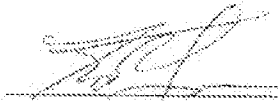


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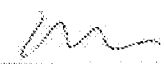
Name: MARK H. G. G. G.

Title: DIRECTOR

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal(s) the date set forth below.

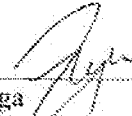
Inventor  Date: 3/18/2014  
Kevin Lozeau

Address 1247 NW Meigsfield Rd  
PORTLAND, OR 97229 USA

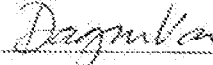
Witness  Date: 3/18/2014

Address 4/667 GLENHUNTLY RD  
LAURELFIELD, 3162

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal(s) the date set forth below.

Inventor  Date: 03.20.2014  
Agnete Enga

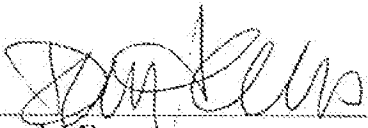
Address BIERREGAARDS GATE 24A  
0172 OSLO, NORWAY

Witness DAGNE VAA  Date: 03.20.2014

Address BOLERBAKKEN 1B  
0690 OSLO, NORWAY



IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal(s) the date set forth below.

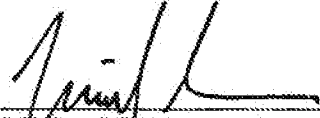
Inventor  Date: MAR 27 2014  
Daniel Formosa

Address 30 ORCHARD TERRACE  
PIERMONT NY 10968

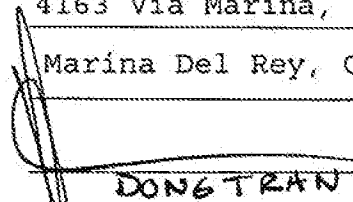
Witness  Date: 3/27/14

Address 150 N 5TH ST #2E  
BROOKLYN, NY 11211

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal(s) the date set forth below.

Inventor  Date: 03/07/2014  
Michael Schumann

Address 4163 Via Marina, Apt 414  
Marina Del Rey, CA 90292

Witness  Date: 03/07/2014  
DONG TRAN

Address 3715 Cordary Ave, Apt 117  
Hawthorne, CA 90250

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal(s) the date set forth below.

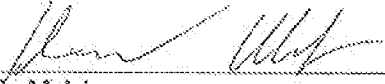
Inventor [Signature] Date: 04/01/2014  
**Vincent Faivre d'Arcier**

Address 53 - Avenue de l'Ap C  
NEA Spine, NY 10012 USA

Witness [Signature] Date: 04.01.2014

Address 635 EAST 9th ST APT 21  
10009 NY NEW YORK

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal(s) the date set forth below.

Inventor  Date: 09 MAY 2014  
Mario Melzi

Address VIA EMPOLI 11  
20162 - MILANO - ITALY

Witness \_\_\_\_\_ Date: \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal(s) the date set forth below:

Inventor  Date: 2014-MAY-9<sup>th</sup>  
Stefan Verlaak

Address CASCINA S. ANTONIO 2  
PADERNO D'ADDA ITALY

Witness \_\_\_\_\_ Date: \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal(s) the date set forth below.

Inventor  Date: 12<sup>th</sup> NOV 2016  
Tutiana Palombi

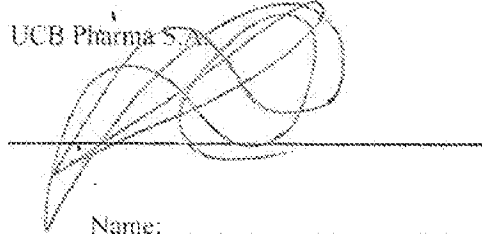
Address VIA CARUCCI 4  
20093 COLOGNO MONZEBE

Witness \_\_\_\_\_ Date: \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_

ACKNOWLEDGMENT OF ASSIGNEE

UCB Pharma S.A.



Name: Stéphane DROUIN  
Proxy and Legal Representative

Title: \_\_\_\_\_

Schedule A

APPLICATION NO.	COUNTRY	FILING DATE	TITLE	R&G REF.
GB1213498.7	United Kingdom	30-July-2012	AUTO-INJECTOR	N/A
GB1213500.0	United Kingdom	30-July-2012	AUTO-INJECTOR	N/A
GB1213502.6	United Kingdom	30-July-2012	AUTO-INJECTOR	N/A
GB1213503.4	United Kingdom	30-July-2012	AUTO-INJECTOR	N/A
GB1222353.3	United Kingdom	12-Dec-2012	AUTO-INJECTOR	N/A
29/438,989	United States	5-Dec-2012	DRIVE DEVICE FOR ADMINISTERING MEDICATION	106471-0014-201
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002148007-0003	Europe	5-Dec-2012	DEVICES FOR THE ADMINISTRATION OF MEDICATION (ACCESSORIES FOR)	106471-0014-EM2
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