

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3149644

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KEVIN LOZEAU	03/18/2014
AGNETE ENGA	03/20/2014
ERIC FREITAG	03/17/2014
DANIEL FORMOSA	03/27/2014
MICHAEL SCHUMANN	03/07/2014
BRIAN LIPFORD	03/06/2014
JAKE COWPERTHWAIT	03/13/2014
ALEX FLAMM	03/06/2014
ILARIO MELZI	05/09/2014
<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:	14123050
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)235-9492
<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>	(212) 596-9000
<b>Email:</b>	andrea.silverman@ropesgray.com
<b>Correspondent Name:</b>	ANDREA SILVERMAN
<b>Address Line 1:</b>	ROPES & GRAY LLP
<b>Address Line 2:</b>	1211 AVENUE OF THE AMERICAS
<b>Address Line 4:</b>	NEW YORK, NEW YORK 10036
<b>ATTORNEY DOCKET NUMBER:</b>	106471-0010-303
<b>NAME OF SUBMITTER:</b>	ANDREA SILVERMAN

PATENT

<b>SIGNATURE:</b>	/Andrea Silverman/
<b>DATE SIGNED:</b>	12/16/2014
<b>Total Attachments: 21</b> source=106471-0010-303_Assignment2#page1.tif source=106471-0010-303_Assignment2#page2.tif source=106471-0010-303_Assignment2#page3.tif source=106471-0010-303_Assignment2#page4.tif source=106471-0010-303_Assignment2#page5.tif source=106471-0010-303_Assignment2#page6.tif source=106471-0010-303_Assignment2#page7.tif source=106471-0010-303_Assignment2#page8.tif source=106471-0010-303_Assignment2#page9.tif source=106471-0010-303_Assignment2#page10.tif source=106471-0010-303_Assignment2#page11.tif source=106471-0010-303_Assignment2#page12.tif source=106471-0010-303_Assignment2#page13.tif source=106471-0010-303_Assignment2#page14.tif source=106471-0010-303_Assignment2#page15.tif source=106471-0010-303_Assignment2#page16.tif source=106471-0010-303_Assignment2#page17.tif source=106471-0010-303_Assignment2#page18.tif source=106471-0010-303_Assignment2#page19.tif source=106471-0010-303_Assignment2#page20.tif source=106471-0010-303_Assignment2#page21.tif	

**CONFIRMATORY ASSIGNMENT**

WHEREAS, UCB Pharma S.A. ("ASSIGNEE"), having principal offices at 60, Allée de la Recherche, B-1070 Brussels, Belgium, engaged Smart Design, Key Technologies and Flextronics Design, and Kevin Lozeau, Agnete Enga, Heather Martin, Eric Freitag, Daniel Formosa, Michael Schumann, Vincent Faivre d'Arcier, Brian Lipford, Jake Cowperthwaite, Alex Flamm, Conrad Laskowski, Keith Lipford, Ilario Melzi and Jonathan Bodnar (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, Key Technologies 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, Key Technologies 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;

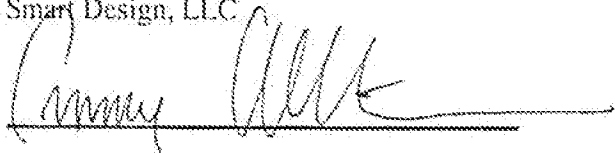
AND, the Hired Parties do hereby authorize and request the commissioner of patents of all applicable countries listed in Schedule A to issue such patents as shall be granted upon said Patent Applications or applications based thereon to said ASSIGNEE, its successors, assigns and legal representatives.

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.

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

Execution of this Confirmatory Assignment by:

Smart Design, LLC

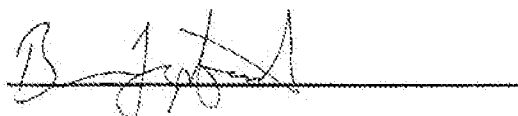
  
\_\_\_\_\_

Name: GREGORY LITTLEJOHN

Title: COO

Execution of this Confirmatory Assignment by:

Key Technologies, Inc.

A handwritten signature in dark ink, appearing to read "Brian Lipford", is written over a horizontal line.

Name: Brian Lipford

Title: V.P. STRATEGIC DEVELOPMENT

Execution of this Confirmatory Assignment by:

Flextronics Design Srl

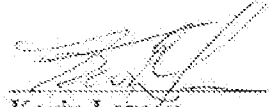
  
\_\_\_\_\_

Name: MARK HERTEN

Title: DIRECTOR

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

Inventor

  
Kevin Lozeau

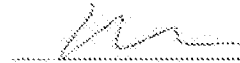
Date:

3/18/2014

Address

1247 NW Mayfield Rd.  
PORTLAND, OR 97229 USA

Witness



Date:

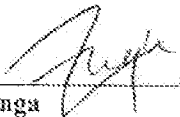
3/18/2014,

Address

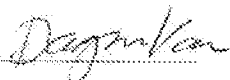
4667 GLENHUNTLY RD.  
CARLEFIELD, 3102.



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 Bjerregaardsgate 24A  
0772 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: *Heather Martin* Date: *April 2, 2014*  
**Heather Martin**

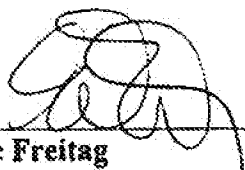
Address: *Carrer Nàutica 3, Piso 1*  
*Barcelona 08001 Spain*

Witness: *Michela Mezzavilla* Date: *April 2, 2014*  
**MICHELA MEZZAVILLA**

Address: *Carrer Consell de Cent 240, 4, 1*  
*08011 BARCELONA*

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

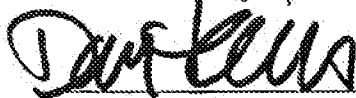
Inventor

  
Eric FreitagDate: 2014 MARCH 17

Address

156 HILLS STREETBROOKLYN, NY 11211 USA

Witness

Date: MAR 17 2014

Address

DAN FORMOSA30 ORCHARD TERRACE, PIERMONT NY10968

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

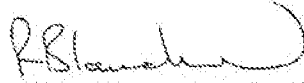
Inventor

  
Daniel FormosaDate: MAR 27 2014

Address

30 ORCHARD TERRACE  
PIERMONT NY 10968 USA

Witness

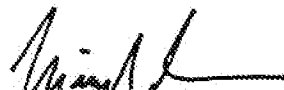
Date: 3/27/14

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



Michael Schumann

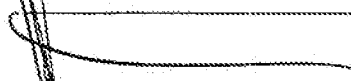
Date: 03/07/2014

Address

4163 Via Marina, Apt 414

Marina Del Rey, CA 90292

Witness



Date: 03/07/2014

Address

13715 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 V. - Date: 04/01/2014  
**Vincent Faivre d'Arcier**

Address 63 Sullivan St, Apt C  
New York, NY 10012

Witness Shirley T. ... Date: 04.01.2014

Address 635 EAST 94th St APT 21  
10009 NY NEW YORK

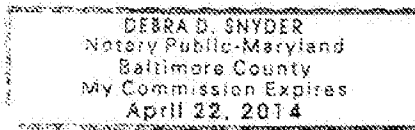
IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal(s) the date set forth below.

Inventor B. Lipford Date: MARCH 6, 2014  
**Brian Lipford**

Address 1009 LONGSTREAM CT  
BEL AIR, MARYLAND 21014, USA

Witness Debra Snyder Date: 3/6/2014

Address 7 Longbottom Court  
KINGSVILLE, MD 21087 USA



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

Inventor *[Signature]* Date: 3/13/2014  
Jake Cowperthwaite

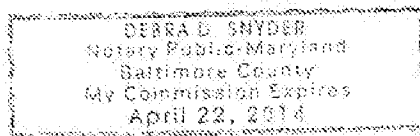
Address 29 CEDAR LANE

NEW LIMERICK, ME 04761, USA

Witness *[Signature]* Date: 3/13/14

Address 7 LONGBOTTOM COURT

KINGSVILLE, MD 21087, USA





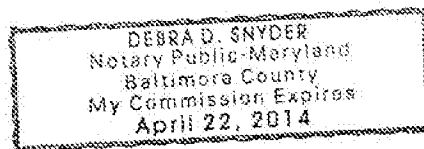
IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal(s) the date set forth below.

Inventor Alex Flamm Date: 3/6/14  
Alex Flamm

Address 316 S. Durham St  
Baltimore, MD, USA 21231

Witness Debra D. Snyder Date: 3/6/14

Address 7 LONGBOTTOM COURT  
KINGSVILLE, MD 21087, USA



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

Inventor

  
Conrad Laskowski

Date: MAR-7-2014

Address

4890 Battery Lane, Apt 421

Bethesda, MD 20814 USA

Witness

Date:

Address

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

Inventor

Keith Lipford  
Keith Lipford

Date: 3/6/2014

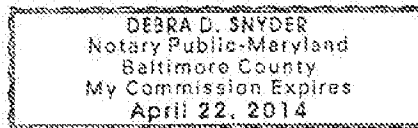
Address

114 WALLACE AVE.BALTIMORE, MD 21225

Witness

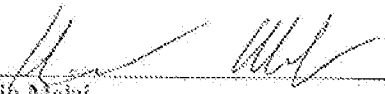
Debra D. Snyder Date: 3/6/14

Address

7 LONGBOTTOM COURTKINGSVILLE, MD 21087, USA

106471-0010

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

  
Jonathan Bodnar

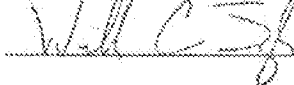
Date: 05/17/2014

Address

15800 SPECTRUM DR #1234

ADNEW TX 75001

Witness



Date: 05/12/2014

Address

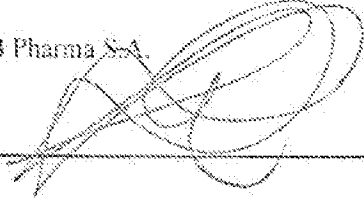
13637 COBBLESTONE DR

FARMERS BRANCH TX 75244

106471-0010

ACKNOWLEDGMENT OF ASSIGNEE

UCB Pharma S.A.



Name: \_\_\_\_\_

**Stéphane DROUT**  
Proxy and Legal Representative

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

Schedule A

APPLICATION NO.	COUNTRY	FILING DATE	TITLE	R&G Ref. No.
61/492,530	United States	2-June-2011	AUTO-INJECTOR	106471-0010-001
29/438,988	United States	5-Dec-2012	DRIVE DEVICE FOR ADMINISTERING MEDICATION	106471-0010-201
14/123,046	United States	27-Nov-2013	AUTO-INJECTOR	106471-0010-301
14/123,047	United States	27-Nov-2013	AUTO-INJECTOR	106471-0010-302
14/123,050	United States	27-Nov-2013	AUTO-INJECTOR	106471-0010-303
14/123,053	United States	27-Nov-2013	AUTO-INJECTOR	106471-0010-304
14/123,055	United States	27-Nov-2013	AUTO-INJECTOR	106471-0010-305
14/123,068	United States	27-Nov-2013	AUTO-INJECTOR	106471-0010-306
14/123,072	United States	27-Nov-2013	AUTO-INJECTOR	106471-0010-307
14/123,081	United States	27-Nov-2013	AUTO-INJECTOR	106471-0010-308
14/123,084	United States	27-Nov-2013	AUTO-INJECTOR	106471-0010-309
16098/2012	Australia	5-Dec-2012	DRIVE DEVICE FOR ADMINISTERING MEDICATION	106471-0010-AU1
148,851	Canada	5-Dec-2012	DRIVE DEVICE FOR ADMINISTERING MEDICATION	106471-0010-CA1
002148007-0002	Europe	5-Dec-2012	DEVICES FOR THE ADMINISTRATION OF MEDICATION	106471-0010-EM1
12735004.9	Europe	4-June-2012	AUTO-INJECTOR	106471-0010-EP1
12745902.2	Europe	4-June-2012	AUTO-INJECTOR	106471-0010-EP2
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12735006.4	Europe	4-June-2012	AUTO-INJECTOR	106471-0010-EP5
12762388.2	Europe	4-June-2012	AUTO-INJECTOR	106471-0010-EP8
12745903.0	Europe	4-June-2012	AUTO-INJECTOR	106471-0010-EP9
2012-29817	Japan	5-Dec-2012	DRIVE DEVICE FOR ADMINISTERING MEDICATION	106471-0010-JP1
PCT/IB2012/001150	PCT	4-June-2012	AUTO-INJECTOR	106471-0010-WO1
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PCT/IB2012/001231	PCT	4-June-2012	AUTO-INJECTOR	106471-0010-WO5
PCT/IB2012/001172	PCT	4-June-2012	AUTO-INJECTOR	106471-0010-WO6
PCT/IB2012/002105	PCT	4-June-2012	AUTO-INJECTOR	106471-0010-WO7
PCT/IB2012/001705	PCT	4-June-2012	AUTO-INJECTOR	106471-0010-WO8
PCT/IB2012/001426	PCT	4-June-2012	AUTO-INJECTOR	106471-0010-WO9