

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4843289

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RICHARD L. NORTON	02/18/2013
ANDREW WATKINS	02/18/2013
MINGXING ZHOU	02/18/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	RB PHARMACEUTICALS LIMITED
<b>Street Address:</b>	103-105 BATH ROAD
<b>City:</b>	SLOUGH, BERKSHIRE
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	SL1 3UH
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15820048
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	617-542-6000
<b>Email:</b>	cdipasupil@mintz.com, ipdocketingBOS@mintz.com
<b>Correspondent Name:</b>	MINTZ LEVIN COHN FERRIS GLOVKY AND POPEO P.C.
<b>Address Line 1:</b>	ONE FINANCIAL CENTER
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02111
<b>ATTORNEY DOCKET NUMBER:</b>	48500-507C05US
<b>NAME OF SUBMITTER:</b>	EDWARD D. GRIEFF
<b>SIGNATURE:</b>	/Edward D. Grieff/
<b>DATE SIGNED:</b>	02/27/2018
<b>Total Attachments: 5</b>	
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source=048500-507C05US_Assignment Invtrs to RB Pharm#page4.tif	



## ASSIGNMENT

WHEREAS, We, Richard L. Norton, Andrew Watkins and Mingxing Zhou (collectively "Assignor"), have invented certain improvements in an Injectable Flowable Composition Comprising Buprenorphine, for which a GB Patent Application was filed 08 June 2010, and provided Application No. 1009549.5, for which a PCT Patent Application was filed 06 June 2011, and provided Application No. PCT/GB2011/051057, for which a US National Phase Patent Application was filed 08 December 2012, and provided Application No. 13/703,013, and related applications might be filed (all collectively "Applications"), and whereas

**RB Pharmaceuticals Limited  
103-105 Bath Road  
Slough  
Berkshire  
SL1 3UH  
UNITED KINGDOM**

("Assignee") desires to purchase all the rights in same;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations paid by the said Assignee, the receipt and sufficiency of which are hereby acknowledged, Assignor has and by these presents does hereby sell, assign, transfer and convey unto said Assignee all of Assignor's rights, title, and interest in and to said Applications, including in and to any provisional, conventional, design, division, continuation, continuation-in-part, substitution, reissue, renewal, reexam, continued prosecution application ("CPA"), or request for continued examination ("RCE") thereof, and in and to all inventions and improvements thereon (herein collectively referred to as "Related US Applications"), preparatory to obtaining Letters Patent of the United States therefor; and Assignor hereby requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said Applications and Related US Applications, to Assignee, for its interest and for the sole use and benefit of Assignee and its assigns and legal representatives.

For the same consideration, Assignor, by these presents does sell, assign, and transfer to Assignee all of Assignor's rights, title and interest in and to any foreign and international applications related to and/or seeking benefit of one or more said Applications and Related US Applications, and in and to all inventions and improvements thereon (herein collectively referred to as "Related Foreign Applications"), in and to any Letters Patent and similar protective rights granted on said Related Foreign Applications, and in and to the right to claim any applicable priority rights arising from or required for said Related Foreign Applications under the terms of any applicable conventions, treaties, statutes, or regulations, said Related Foreign Applications to be filed and issued in the name of Assignee or its designee, insofar as permitted by applicable law.

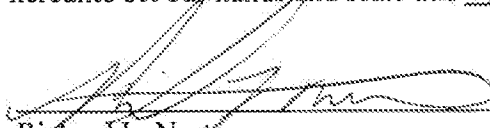
For the same consideration, Assignor agrees, without charge to Assignee, but at Assignee's expense, to sign all lawful papers, execute said Applications, Related US Applications and Related Foreign Applications, make all assignments and rightful oaths, assist in prosecution of said Applications, Related US Applications and Related Foreign Applications, assist in prosecution of legal proceedings, and generally do everything reasonably possible to aid

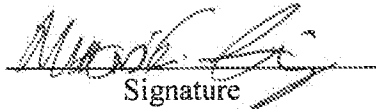
**TROUTMAN  
SANDERS**

Assignee its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

**AND, for the same consideration,** Assignor also hereby sells, assigns and transfers unto Assignee all of Assignor's rights and claims to sue for damages and other remedies with respect to any and all past infringement of all said Applications, Related US Applications, and Related Foreign Applications, including said inventions and improvements which may have occurred before the date of this Assignment.

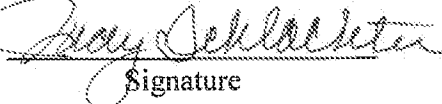
IN WITNESS WHEREOF, we have hereunto set our hands and seals this 18<sup>th</sup> day of February, 2013.

 (SEAL)  
Richard L. Norton

Witnessed by:   
Signature

Date: 19 Feb 2013

Norton  
Printed Name of Witness

Witnessed by:   
Signature

Date: 18 Feb 2013

Judy Schlachter  
Printed Name of Witness

IN WITNESS WHEREOF, we have hereunto set our hands and seals this 18<sup>th</sup> day of February, 2013.

Andrew Watkins (SEAL)  
Andrew Watkins

Witnessed by: [Signature]  
Signature

Date: 18 Feb 2013

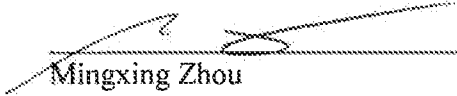
Newton Scht Zinger  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: 18 Feb 2013

Judy Schlachter  
Printed Name of Witness

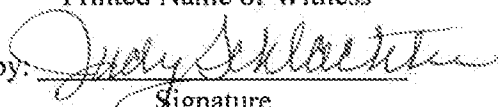
IN WITNESS WHEREOF, we have hereunto set our hands and seals this 18<sup>th</sup> day of February, 2013.

  
Mingxing Zhou (SEAL)

Witnessed by:   
Signature

Date: 19 Feb 2013

Martin Galt  
Printed Name of Witness

Witnessed by:   
Signature

Date: 18 Feb 2013

Judy Schlachter  
Printed Name of Witness

In WITNESS WHEREOF, Assignee hereby accepts from Assignor the sale, assignment, transfer and conveyance unto said Assignee of the full, exclusive and entire right, title, and interest in and to said Applications, by its duly authorized officer this 21<sup>st</sup> day of FEBRUARY, 2013.

**RB Pharmaceuticals Limited**  
(Assignee)

By: [Signature]  
Name: KAREN TERESA CAWDELL  
Title: Authorised Signatory

Witnessed by: [Signature]  
Signature

Date: 21 FEBRUARY 2013

HELEN LIVINGSTONE  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: 21 FEBRUARY 2013

ANNE TERRY  
Printed Name of Witness