

Form PTO-1595 (Rev. 03-09)
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U.S. DEPARTMENT OF COMMERCE
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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)
 Harbert WACHTEL, Quentin John HARMER and
 Stephen William EASON

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
 Name: Vectura Delivery Devices Limited
 Internal Address: _____

 Street Address: 1 Prospect West

 City: Chippenham
 State: _____
 Country: United Kingdom Zip: SN14 6FH

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
 Execution Date(s) 10/14/2010, 10/15/2010 and 10/26/2010

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.

A. Patent Application No.(s)
12/864,386

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Leslye B. Davidson
 Internal Address: Davidson, Davidson & Kappel, LLC

 Street Address: 485 Seventh Avenue, 14th Floor

 City: New York
 State: NY Zip: 10018
 Phone Number: (212) 736-1940
 Fax Number: (212) 736-2427
 Email Address: ddk@ddkpatent.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 50-0552
 Authorized User Name Leslye B. Davidson

9. Signature: _____ November 16, 2010
 _____ Date

Leslye B. Davidson
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
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RECORDATION FORM COVER SHEET

PATENTS ONLY

Continuation Sheet

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

2. Name and address of receiving party(ies)

Name:

Boehringer Ingelheim International GmbH

Internal Address:

Street Address:

Binger Straße 173

City:

Ingelheim am Rhein

Country:

Germany

Zip:

55216Additional name(s) & address(es) attached? No

701.1116

54934US1/VDD0254

Docket No.: 478.1106**ASSIGNMENT**singer
strasse

WHEREAS, I (We), Herbert WACHTEL of c/o Boehringer Ingelheim International GmbH, CD Patents, ~~Bingerstrasse~~ 173, Ingelheim am Rhein, 55216, Germany, Quentin John HARMER of c/o Vectura Delivery Devices Limited, 21 Cambridge Science Park, Milton Road, Cambridge, CB4 0FJ, United Kingdom, and Stephen William EASON of c/o Vectura Delivery Devices Limited, 21 Cambridge Science Park, Milton Road, Cambridge, CB4 0FJ, United Kingdom, ASSIGNOR(S), have invented certain new and useful improvements in INHALER, an application for a Patent of the United States for which:

H U

I (we) am (are) about to execute;
 was executed on _____ (date(s));
 is identified by Davidson, Davidson & Kappel, LLC, Docket No. 478.1106;
 was filed on July 23, 2010 as Serial No. 12/864,386
 I (we) hereby authorize and request our attorney, Davidson, Davidson & Kappel, LLC of 485 Seventh Avenue, 14th Floor, New York, New York 10018 to insert here in parentheses (Application number _____, filed _____) the filing date and application number of said application when known; and

WHEREAS, Vectura Delivery Devices Limited, of 1 Prospect West, Chippenham SN14 6FH, United Kingdom and Boehringer Ingelheim International GmbH, CD Patents, Bingerstrasse 173, Ingelheim am Rhein, 55216, Germany ASSIGNEES, are desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me (us) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I (we), the said ASSIGNOR(S), have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States 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 country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument; and

I (WE) HEREBY covenant and agree that I (we) have full right to convey the entire interest herein assigned, and that I (we) have not executed, and will not execute, any agreement in conflict herewith; and

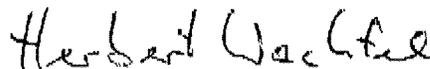
I (WE) HEREBY further covenant and agree that I (we) will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me (us) respecting said invention, and testify in

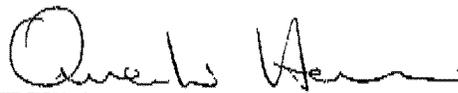
54934US1/VDD0254

Docket No.: 478,1106

any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I (we) hereunto set my (our) hand(s) and seal(s) the day and year set opposite my (our) signature(s).

Dated: 26 Oct 2010

Herbert WACHTELDated: 15 Oct 2010

Quentin John HARMERDated: 14 Oct 2010

Stephen William EASON