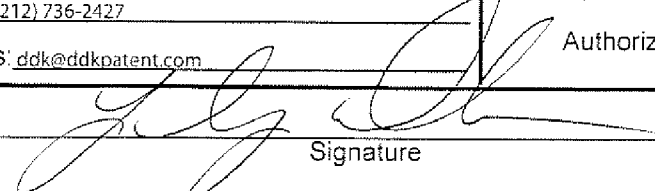


Form PTO-1595 (Rev. 03-09)
OMB No. 0651-0027 (exp. 03/31/2009)

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) Vectura Group PLC Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 2. Name and address of receiving party(ies) Name: <u>Vectura Limited</u> Internal Address: _____ _____ Street Address: <u>1 Prospect West</u> _____ City: <u>Chippenham, Wiltshire</u> State: _____ Country: <u>United Kingdom</u> Zip <u>SN14 6FH</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>November 18, 2009</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____ | 4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>10/257,790</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Leslye B. Davidson</u> Internal Address: <u>Davidson, Davidson & Kappel, LLC</u> _____ Street Address: <u>485 Seventh Avenue, 14th Floor</u> _____ City: <u>New York</u> State: <u>NY</u> Zip <u>10018</u> Phone Number: <u>(212) 736-1940</u> Fax Number: <u>(212) 736-2427</u> Email Address: <u>ddk@ddkpatent.com</u> | 6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) 8. Payment Information Deposit Account Number <u>50-0552</u> Authorized User Name <u>Leslye B. Davidson</u> |
| 9. Signature:  <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> Signature _____ Leslye B. Davidson Name of Person Signing </div> <div style="text-align: right;"> April 8, 2010 Date Total number of pages including cover sheet, attachments, and documents: 7 </div> </div> | |

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 500552 10257790

OLSWANG

18 November 2009

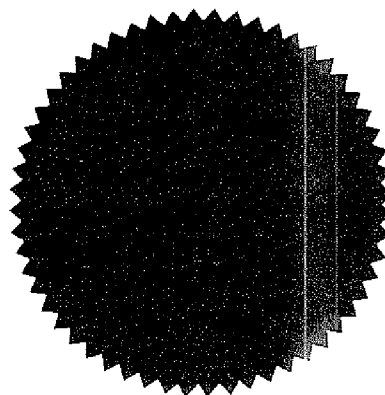
**CONFIRMATORY ASSIGNMENT OF REGISTERED
INTELLECTUAL PROPERTY RIGHTS AND
APPLICATIONS FOR REGISTERED INTELLECTUAL
PROPERTY RIGHTS**

- (1) VECTURA GROUP PLC
- (2) VECTURA LIMITED

I hereby certify that this is a true copy of the
original document without addition or
amendment produced to me at
80 Mount Street, in the City of Nottingham
This 2nd day of December 2009



C. N. Cullen
Notary Public in and for
Nottingham, England



THIS DEED OF CONFIRMATORY ASSIGNMENT is made the 18 day of November 2009

BETWEEN:-

- (1) **VECTURA GROUP PLC**, (formerly Vectura Limited) a public limited company registered in England under company registration number 03418970 whose registered office is at 1 Prospect West, Chippenham, Wiltshire, SN14 6FH, (the "**Assignor**"); and
- (2) **VECTURA LIMITED**, (formerly Coordinated Drug Development Limited) a company registered in England under company registration number 01696917 whose registered office is at 1 Prospect West, Chippenham, Wiltshire, SN14 6FH, United Kingdom, (the "**Assignee**").

WHEREAS:

- (A) The Assignor changed its name to Vectura Group PLC from Vectura Limited on 23 June 2004.
- (B) The Assignee changed its name from Coordinated Drug Development Limited to Vectura Limited on 13 July 2004.
- (C) Pursuant to and under a sale and purchase agreement effective 31 March 2008 between the Assignor and the Assignee, the Assignor assigned, and the Assignee acquired, certain assets, including the Assignor's intellectual property assets.
- (D) The Assignor (under its former name) is the registered proprietor of various registered intellectual property rights identified in the Schedule (the "**Registered Rights**") and various applications for registered intellectual property rights also identified in the Schedule (the "**Applications**") (collectively the Registered Rights and Applications referred to as the "**Rights**").
- (E) The Assignor wishes to confirm the assignment of the Assignor's right, title and interest in the Rights to the Assignee which was effective as of 31 March 2008, and the Assignee wishes to confirm receipt of the assignment of the Assignor's right, title and interest in the Rights effective as of 31 March 2008, in accordance with the provisions of this Assignment.

THE DEED OF ASSIGNMENT WITNESSES AS FOLLOWS:

1. Assignment

- 1.1. The Assignor hereby confirms assignment, effective as of 31 March 2008, to the Assignee irrevocably and unconditionally, all of the Assignor's right, title and interest in the Rights, including, but not limited to:-

- 1.1.1. the full and exclusive benefit of each of the Rights and all rights, privileges and advantages associated with each of them throughout the world and for their full term;

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REEL: 024204 FRAME: 0058

- 1.1.2. the right to recover and take all such proceedings as may be necessary for the recovery of damages or otherwise, in relation to infringements of the Registered Rights, including, without limitation, any intellectual property rights resulting from any of the Applications, together in each case with all accrued rights of action, the right to recover damages for past infringements and the right to obtain injunctive or other relief in relation to each of the Rights;
- 1.1.3. the right to apply for and the right to be granted registered intellectual property rights or other rights and protection anywhere in the world in respect of (i) any of the Applications; and, (ii) any of the inventions, concepts or designs disclosed in any of the Rights;
- 1.1.4. all rights to claim priority anywhere in the world on the basis of any of the Rights and any priority applications in respect of any of the Rights; and
- 1.1.5. the right to apply for extensions and renewals in respect of any of the Rights including, without limitation, any registered intellectual property rights resulting from any of the Applications.

2. Covenants

2.1. The Assignor covenants that at the date of this Assignment:-

- 2.1.1. the Rights are subsisting and all patent office or registry fees payable in respect of the Rights at the date of this Assignment have been paid in full;
- 2.1.2. the Assignor (under its former name) is the registered proprietor of the Rights.

3. Further Assurances

- 3.1. The Assignor shall free of charge, as and when requested by the Assignee, do all acts and execute all documents as may be reasonably necessary or desirable to give full effect to the provisions of this Assignment and/or to enable this Assignment to be registered with each applicable patent office, intellectual property office or registry of any territory concerned with each and any of the Rights.

4. Law

- 4.1. This Assignment shall be governed by English Law.

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SCHEDULE

| Internal Family Ref | Country Code | Status | Family PCT No | Application No | Patent No |
|---------------------|--------------|-----------------|----------------|-----------------------|---------------|
| VL0105P2 | | | | | |
| VL0106P1 | | | | | |
| VL0107P1 | | | | | |
| VL0109P1 | EP | Abandoned | - | 00113608.4 | |
| VL0106 | AT | Granted/Opposed | PCT/GB01/01732 | 01921610.0 | E 348603 |
| VL0106 | AU | Granted | PCT/GB01/01732 | 48581/01 | 784719 |
| VL0106 | BE | Abandoned | PCT/GB01/01732 | 01921610.0 | 1276472 |
| VL0106 | BR | Pending | PCT/GB01/01732 | PI0110141-2 | |
| VL0106 | CA | Pending | PCT/GB01/01732 | 2406201 | |
| VL0106 | CH | Granted/Opposed | PCT/GB01/01732 | 01921610.0 | 1276472 |
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| VL0106 | CY | Abandoned | PCT/GB01/01732 | 01921610.0 | 1276472 |
| VL0106 | DE | Granted/Opposed | PCT/GB01/01732 | 01921610.0 | 60125344.2-08 |
| VL0106 | DK | Abandoned | PCT/GB01/01732 | 01921610.0 | 1276472 |
| VL0106 | EP | Granted/Opposed | PCT/GB01/01732 | 01921610.0 | 1276472 |
| VL0106 | ES | Granted/Opposed | PCT/GB01/01732 | 01921610.0 | 1276472 |
| VL0106 | FI | Granted/Opposed | PCT/GB01/01732 | 01921610.0 | 1276472 |
| VL0106 | FR | Granted/Opposed | PCT/GB01/01732 | 01921610.0 | 1276472 |
| VL0106 | GB | Abandoned | | 0109432.5 | |
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| VL0106 | IN | Granted | PCT/GB01/01732 | IN/PCT/2002/01699/CHE | 211544 |
| VL0106 | IT | Granted/Opposed | PCT/GB01/01732 | 01921610.0 | 1276472 |
| VL0106 | JP | Pending | PCT/GB01/01732 | 2001-575995 | |
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| VL0106 | MX | Granted | PCT/GB01/01732 | PA/A/02/010213 | 247490 |
| VL0106 | NL | Abandoned | PCT/GB01/01732 | 01921610.0 | 1276472 |
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| VL0106 | NZ | Abandoned | PCT/GB01/01732 | 521887 | 521887 |
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| VL0106 | TR | Abandoned | PCT/GB01/01732 | 01921610.0 | 1276472 |
| VL0106 | US | Pending | PCT/GB01/01732 | 10/257790 ✓ | |
| VL0106 | ZA | Abandoned | PCT/GB01/01732 | 2002/8066 | 2002/8066 |
| VL0106P2 | | | | | |
| VL0107P2 | GB | Abandoned | | 0009469.8 | |
| VL0109P3 | | | | | |
| VL0106 | PCT | Superseded | PCT/GB01/01732 | PCT/GB01/01732 | |

PATENT

REEL: 024204 FRAME: 0060

EXECUTED and **DELIVERED** as a deed by the parties on the date set out at the head of this Deed of Assignment:-

EXECUTED and **DELIVERED** as a **DEED**)
by **VECTURA GROUP PLC** acting by its Director in)
the presence of:)

Witness's
Signature *[Signature]*

Name *Emma Barry*

Address *35 Highgate Close*

Calne, Wilts, SN11 8NF

Occupation *Administrator*

Signed *[Signature]*
Full Name Anne P Hyland
Director

EXECUTED and **DELIVERED** as a **DEED**)
by **VECTURA LIMITED** acting by its Director in the)
presence of:)

Witness's
Signature *[Signature]*

Name *Emma Barry*

Address *35 Highgate Close*

Calne, Wilts, SN11 8NF

Occupation *Administrator*

Signed *[Signature]*
Full Name Anne P Hyland
Director

PTO/SB/97 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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United States Patent and Trademark Office

on April 8, 2010.
Date



Signature

Rachael Pierce

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Re.: Docket No.: 478.1049

Applicant(s): **John Nicholas STANIFORTH et al.**

Application No.: 10/257,790

Invention: **IMPROVEMENTS IN OR RELATING TO FORMULATIONS FOR USE IN
INHALER DEVICES**

Filing Date: May 5, 2003

Transmitted herewith are:

- Recordation Form Cover Sheet (1 page); and
- Executed Assignment (5 pages).

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.