Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008) OMD No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
	EET
To the Director of the U.S. Paten. 1035733	d documents or the new address(es) below.
1. Name of conveying party(ies) Matthew Paul WRIGHT; Mike SHELDON; Matthew SARKAR; Ivan MILIVOJEVIC; Roger CLARKE; Emma Lesley WILLIAMSON Additional pame(s) of conveying party(ies) attached? Ves V No	2. Name and address of receiving party(ies) Name: Vectura Delivery Devices Limited Internal Address:
Additional name(s) of conveying party(ies) attached? Yes V No 3. Nature of conveyance/Execution Date(s):	Street Address: _1 Prospect West
Execution Date(s) 08/18/09; 08/20/09; 08/27/09 Assignment Merger Security Agreement Change of Name	City: Chippenham
Joint Research Agreement	State:
Government Interest Assignment Executive Order 9424, Confirmatory License Other	Country: UNITED KINGDOM Zip: SN14 6FH Additional name(s) & address(es) attached? Yes No
	document is being filed together with a new application.
A. Patent Application No.(s) 12/456,168	B. Patent No.(s)
	SEP - 8
Additional numbers att	tached? Yes No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Davidson, Davidson & Kappel, LLC	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address:	Authorized to be charged by credit card Authorized to be charged to deposit account
Street Address: 485 Seventh Avenue, 14th Floor	Enclosed None required (government interest not affecting title)
City: New York	8. Payment Information
State: NY Zip:10018	a. Credit Card Last 4 Numbers Expiration Date
Phone Number: <u>(212)</u> 736-1940	b. Deposit Account Number 50-0552
Fax Number: (212) 736-2427	
Email Address: ddk@ddkpategt.com	Authorized User Name Davidson, Davidson & Kappel, LLC
9. Signature: Signature	September 4, 2009
Sunil Raval, Reg. No. 47,886	Date Total number of pages including cover
Suni Payat Pea No. 47 886	sheet, attachments, and documents:

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

Name of Person Signing

PATENT REEL: 023217 FRAME: 0453

Docket No.: 478,1094

ASSIGNMENT

WHEREAS, I (We), Matthew Paul WRIGHT, of 12 Brookfields Close, Newmarket, Suffolk SB8 7DY, United Kingdom; Mike SHELDON, of 7 Marion Close, Cambridge CB3 0HN, United Kingdom; Matthew SARKAR, of 33 Linden Close, Cambridge CB4 3JU, United Kingdom; Ivan MILIVOJEVIC, of 75 Ravensworth Gardens, Cambridge CB1 2XN, United Kingdom; Roger CLARKE, 1a Winders Lane, Histon, Cambridge CB24 9EZ, United Kingdom; and Emma Lesley WILLIAMSON, of 111 Woodhead Drive, Cambridge, Cambridgeshire CB4 1FG, United Kingdom ASSIGNOR(S), have invented certain new and useful improvements in INHALER, an application for a Patent of the United States for which:

	I (we) am (are) about to execute,	
	was executed on	_ (date(s));
X	is identified by Davidson, Davidson & Kappel, LLC, Docket No. 478.1094;	
X	was filed on <u>lune 12, 2009</u> as Serial No. <u>12/456,168</u> .	
	I (we) hereby authorize and request our attorney, Davidson, Davidson & Kap	pel, LLC of 485 Seventh
	Avenue, 14th Floor, New York, New York 10018 to insert here in parenthe	ses (Application number
	, filed) the filing date and ap	plication number of said
	application when known; and	•

WHEREAS, Vectura Delivery Devices Limited, of 1 Prospect West, Chippenham SN14 6FH, United Kingdom ASSIGNEE, is 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

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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: 18TH AUGUST 2009	Matthew Paul WRIGHT
Dated: 18TH AUG 20091	Mike SHELDON
Dated:	Matthew SARKAR
Dated:	Ivan MILIVOJEVIC
Dated:	Roger CLARKE
Dated:	Rome Leelen AMI I 179/COP1

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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:	
	Matthew Paul WRIGHT
Dated:	
	Mike SHELDON
Dated: And G	Market and the second s
, and the second	Matthew SARKAR
Dated: 20 AUG 09	
	Ivan MILIVOJEVIC
Dated: 20 Au G O G	China .
	Roger CLARKE
Dated: 20 404 09	Ewlin
	Emma Lesley WILLIAMSON

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