10-15-2004 SHEET U.S. DEPARTMENT OF COMME Stress 102859714 Y Patent and Trademark Office. To be Director the United States Patent and Trademark Office. Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): Stephen William EASON: Kaymend Anthony EDGSON: 2. Name end address of receiving party(ies): Stephen William EASON: Kaymend Anthony EDGSON: Name: Vectors Delivery Devices Limited PINON Name: Vectors Delivery Devices Limited Additional numes(s) of conveying party(ies): Yes Security Agreement Change of Name Other Country: UK ZIP: SN14 6FH Execution Date: 9/12/04, 0/10/04, 0/12/04, 02/10/04, Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: Patent Application No. Fatent Application No. Filing date B. Patent No.(s) Serial No.: 10/477,054 November 7, 2003 States/Prov.: NY Additional number Yes State Additional number Pyes Mon State Country: USA ZIP: 10018 Cata number of applications and patents Involved: Statement and signature.<			cket No.: 478.1065US
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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or cory thereof. 1. Name of conveying partylies): Stephter William EASON: Resymond Anthony EDGSON; Quentin John HARMER; Roger William CLARKE and John PINON 2. Name and address of receiving partylies): 3. Nature of conveying partylies) Ves 🖄 No 3. Nature of conveying partylies) Ves 🖄 No 3. Nature of conveying partylies) Ves 🖄 No 3. Nature of conveyance: Additional namesite) of conveyance: 32 Assignment Merger Charge of Name City: Chippenham State/Prov.: Wilkitre Country: UK ZIP: SN14 6FH Execution Date: 01/12/04, 01/12/04, 02/10/04, Additional name(s) & address(s) Ves 🔊 No 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: Patent No.(s) Statel Prov.: November 7, 2003 State Prov.: I S. Name and address of party to whom correspondence concerning document should be mailed: R. Total number of applications and patents involved: I Name: Cary S. Kappel, Esq. 7. Total fee (37 CFR 3.41):	MB No. 0651-0027 (exp.5/31/2002) 908A/REV03	YY	Patent and Trademark C
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Stephen William EASON; Raymond Anthony EDGSON; Quentin John HARMER; Roger William CLARKE and John PINON Additional names(a) of conveying party(tes) Yes 23 No 3. Nature of conveyance: 29 Assignment Charge of Name City: Chippenham State/Prov.: Wilshire Country: UK ZIP: SN14 6FH Execution Date: 01/12/04, 01/16/04, 01/12/04, 02/10/04, Additional name(s) & address(es) Yes 20 No 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: Patent Application No. Filing date Serial No: 10/477,054 November 7, 2003 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Cary S. Kappel, Esq. Registration No. 36.561 Address: 485 Seventh Avenue, 14th Floor Sologist account number: 50-0552 Country: USE This SPACE Statee/Prov:: NY Country: USE This SPACE Statement and signature. To the bast of my knowledge and belief,			
3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Country: UK ZIP: SN14 6FH Execution Date: 01/12/04, 01/12/04, 02/10/04, Additional name(s) & address(es) Yes No 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: Patent Application No. Filing date B. Patent No.(s) Serial No.: 10/477,054 November 7, 2003 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Stephen William EASON; Raymond Anthony EDGSON; Quentin John HARMER; Roger William CLARKE and J	John Name: Vectura Del	livery Devices Limited
Sesignment Image of Name City: Chippenham State/Prov.: Wilshire Other Country: UK ZIP: SN14 6FH Execution Date: 01/12/04, 01/12/04, 02/10/04, Additional name(s) & address(es) Ives	Additional names(s) of conveying party(ies))	
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Additional numbers I Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Cary S. Kappel, Esq. 7. Total fee (37 CFR 3.41):\$ 6. Enclosed - Any excess or insufficiency should be credited to deposit account Address: 485 Seventh Avenue, 14th Floor Image: Cary S. Kappel, Esq. 7. Total fee (37 CFR 3.41):\$ City: New York State/Prov.: NY Enclosed - Any excess or insufficiency should be credited to deposit account State/Prov.: NY 50-0552 Country: USA ZIP: 10018 Do NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Cary S. Kappel, Esq. October 7, 2004 Name of Person Signing Signature 5			
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Registration No. 36,561 Address: 485 Seventh Avenue, 14th Floor Seventh Avenue, 14th Floor Seventh Avenue, 14th Floor Address: 485 Seventh Avenue, 14th Floor Seventh Avenue, 14th Floor State/Prov.: NY City: New York State/Prov.: NY Country: USA ZIP: 10018 Do Not Use THIS SPACE State Avenue, 14th Floor 9. Statement and signature. State Avenue, 14th Floor To the best of my knowledge and belief, the forego	· · ·	6. Total number of app	plications and patents involved:
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Name of Person Signing Signature 5 Date	9. Statement and signature. To the best of my knowledge and belief, the foregoing in		and any attached copy is a true copy
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		Commenter and a second	Date

REEL: 015879 FRAME: 0588

Docket No.: 478.1065

ASSIGNMENT

WHEREAS, I (We), <u>Stephen William EASON; Raymond Anthony EDGSON; Quentin</u> John HARMER; Roger William CLARKE; John PINON, residing at <u>The Priory, Half Moon Lane</u>, <u>Redgrave, Diss, Norfolk IP22 1RX; Ramscroft, Malting Lane, Litlington, Nr. Royton</u>, <u>10</u> WNDERS (ANE, HISTEN <u>Hertfordshire SG8 0QT; 16 Station Road, Waterbeach, Cambridge CB5 9HT; 36 Parlour Close, CAMBRIDGE <u>Histon, Cambridgeshire CB4 4XP; The Orchard Cottage; Wickham Street, Wickhambroek</u>, CB4 9EZ <u>Nowmarket, Suffolk CB8 8XJ, respectively</u>, ASSIGNOR(S), have invented certain new and *12 Grander EVE* Useful improvements in ASVMMETRIC INHALER an application for a Patent of the United</u> useful improvements in ASYMMETRIC INHALER, an application for a Patent of the United 54710 TON NON States for which:

I (we) am (are) about to execute;

FRANCE

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- was executed on $\frac{X}{X}$
 - (date(s)); is identified by Davidson, Davidson & Kappel, LLC, Docket No. _478.1065; was filed on May 10, 2002 Serial No. PCT/EP02/05187
 - 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 , filed parentheses (Application number the filing date and application number of said application when known; and

Vectura Delivery Devices Limited , of Wiltshire, United Kingdom , WHEREAS. 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

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PATENT REEL: 015879 FRAME: 0589 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 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: a nar 20034

Stephen William E

Dated: 164 2003

Dated:_ 20034

Dated:_10 February 20034

Raymond Anthony EDGSON

Quentin John HARMER

Roger William CLARKE

Dated:_____, 2003

John PINON

Docket No.: 478.1065

ASSIGNMENT

WHEREAS, I (We), <u>Stephen William EASON; Raymond Anthony EDGSON; Quentin</u> John HARMER; Roger William CLARKE; John PINON, residing at <u>The Priory, Half Moon Lane</u>, <u>Redgrave, Diss, Norfolk IP22 1RX; Ramscroft, Malting Lane, Litlington, Nr. Royton</u>, <u>Hertfordshire SG8 0QT; 16 Station Road, Waterbeach, Cambridge CB5 9HT; 36 Parlour Close</u>, <u>Histon, Cambridgeshire CB4 4XP; The Orchard Cottage, Wickham Street, Wickhambrock, () <u>Newmarket, Suffolk CB8 8X</u>, respectively _, ASSIGNOR(S), have invented certain new and useful improvements in <u>ASYMMETRIC INHALER</u>, an application for a Patent of the United States for which:</u>

I (we) am (are) about to execute;

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- X
- was executed on______(date(s)); is identified by Davidson, Davidson & Kappel, LLC, Docket No. <u>478.1065</u>; was filed on <u>May 10, 2002</u> Serial No. <u>PCT/EP02/05187</u> 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 parenthoses (Application number

parentheses (Application number ______, filed _____, filed _____, the filing date and application number of said application when known; and

WHEREAS, <u>Vectura Delivery Devices Limited</u>, of <u>Wiltshire, United Kingdom</u>, 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 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 for said invention 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 for said invention in any country or countries and other said invention in any country or countries for a patents.

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

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* 12 GRANDE RUE 54210 TONNOY FRANCE Jeno.

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 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:	, 2003	Stephen William EASON
Dated:	, 2003	Raymond Anthony EDGSON
Dated:	, 2003	Quentin John HARMER
Dated:	, 2003	Roger William CLARKE
Dated: 13 NOVETIBER	, 2003 🤇	John PINON

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RECORDED: 03/31/2004

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