# 503020910 10/16/2014 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3067511

		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY DA	ATA			
		Name		Execution Date
GLAXOSMITHKLINE RE	SEARCH AN	ND DEVELOPMENT LIMITED		08/19/2011
RECEIVING PARTY DA	TA			
Name:	GLAXO GF	ROUP LIMITED		
Street Address:	GLAXO WE	ELLCOME HOUSE		
Internal Address:	BERKELEY	Y AVENUE		
City:	GREENFO	RD, MIDDLESEX		
State/Country:	UNITED KI	NGDOM		
Postal Code:	UB6 0NN			
PROPERTY NUMBERS	Total: 1			
Property Type		Number		
Application Number:	141	24516		
CORRESPONDENCE D	ΑΤΑ			
Fax Number:	•	3)816-4100		
		e e-mail address first; if that is u that is unsuccessful, it will be so		
Phone:		8164000		
		0101000		
Email:	ptor	nail@nixonvan.com		
Email: Correspondent Name:	•			
Correspondent Name: Address Line 1:	В. Ј	nail@nixonvan.com		
Correspondent Name: Address Line 1: Address Line 2:	B. J 901 11T	nail@nixonvan.com . SADOFF NORTH GLEBE ROAD H FLOOR		
Correspondent Name: Address Line 1:	B. J 901 11T	nail@nixonvan.com . SADOFF NORTH GLEBE ROAD		
Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	B. J 901 11T ARL	nail@nixonvan.com . SADOFF NORTH GLEBE ROAD H FLOOR		
Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	B. J 901 11T ARL	nail@nixonvan.com . SADOFF NORTH GLEBE ROAD H FLOOR -INGTON, VIRGINIA 22203		
Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NU NAME OF SUBMITTER:	B. J 901 11T ARL	nail@nixonvan.com . SADOFF NORTH GLEBE ROAD H FLOOR LINGTON, VIRGINIA 22203 BJS-5483-14		
Correspondent Name: Address Line 1: Address Line 2:	B. J 901 11T ARL	nail@nixonvan.com . SADOFF NORTH GLEBE ROAD H FLOOR .INGTON, VIRGINIA 22203 BJS-5483-14 B. J. SADOFF		
Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NU NAME OF SUBMITTER: SIGNATURE:	B. J 901 11T ARL	nail@nixonvan.com . SADOFF NORTH GLEBE ROAD TH FLOOR .INGTON, VIRGINIA 22203 BJS-5483-14 B. J. SADOFF /B. J. Sadoff/		
Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NU NAME OF SUBMITTER: SIGNATURE: DATE SIGNED:	B. J 901 11T ARL	nail@nixonvan.com . SADOFF NORTH GLEBE ROAD H FLOOR .INGTON, VIRGINIA 22203 BJS-5483-14 B. J. SADOFF /B. J. Sadoff/ 10/16/2014		
Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NU NAME OF SUBMITTER: SIGNATURE: DATE SIGNED: Total Attachments: 14 source=5483-14-Assignme source=5483-14-Assignme	B. J 901 11T ARL JMBER: ent#page1.ti ent#page2.ti	nail@nixonvan.com . SADOFF NORTH GLEBE ROAD H FLOOR .INGTON, VIRGINIA 22203 BJS-5483-14 B. J. SADOFF /B. J. Sadoff/ 10/16/2014		
Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NU NAME OF SUBMITTER: SIGNATURE: DATE SIGNED: Total Attachments: 14 source=5483-14-Assignme source=5483-14-Assignme	B. J 901 11T ARL JMBER: JMBER: ent#page1.ti ent#page2.ti ent#page3.ti	nail@nixonvan.com . SADOFF NORTH GLEBE ROAD H FLOOR .INGTON, VIRGINIA 22203 BJS-5483-14 B. J. SADOFF /B. J. Sadoff/ 10/16/2014		
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# **CONFIRMATORY ASSIGNMENT**

### WHEREAS I/WE:

Giuseppe ALVARO and Agostino MARASCO both citizens of Italy, Anne DÉCOR a citizen of France and Dieter HAMPRECHT a citizen of Germany, while residents of Verona, Italy invented or discovered certain improvements in "Novel Compounds" (hereinafter referred to as "the Invention and Improvements") for which priority application 1109514.8 was filed on 07 June 2011, priority application 1113761.9 was filed on 10 Aug 2011 and priority application 1209986.7 was filed on 06 June 2012, all in the United Kingdom, and for which a PCT international application PCT/GB2012/051278 was filed on 07 June 2012, designating the United States of America and naming the aforesaid individuals as inventor, and in the United States only applicant/inventor (hereinafter referred to as "the Applications");

WHEREAS Anne DÉCOR and Dieter HAMPRECHT were employed at the time of making the Invention and Improvements by GLAXOSMITHKLINE S.P.A. a company incorporated in Italy whose registered address is Via Alessandro Fleming 2, 37135 Verona, Italy, and whereas the Invention and Improvements were made in the course of employment under circumstances whereby all rights in and to the Invention and Improvements were vested in GLAXOSMITHKLINE S.P.A. by operation of law;

WHEREAS Agostino MARASCO was employed at the time of making certain subject matter of the Invention and Improvements by GLAXOSMITHKLINE S.P.A. and was employed at the time of making the remaining subject matter of the Invention and Improvements by AUTIFONY SRL, a company incorporated in Italy whose registered address is Via Belgio 12, Verona, 37135, Italy, and whereas subject matter of the Invention and Improvements made in the course of employment by GLAXOSMITHKLINE S.P.A. was made under circumstances whereby all rights in said subject matter were vested in GLAXOSMITHKLINE S.P.A. by operation of law, and whereas subject matter of the Invention and Improvements made in the course of employment by AUTIFONY SRL was made under circumstances whereby all rights in and to said subject matter were vested in AUTIFONY SRL by operation of law;

WHEREAS Giuseppe ALVARO was employed at the time of making certain subject matter of the Invention and Improvements by GLAXOSMITHKLINE S.P.A. and was contracted at the time of making the remaining subject matter of Invention and Improvements to AUTIFONY SRL, and whereas subject matter of the Invention and Improvements made in the course of employment by GLAXOSMITHKLINE S.P.A. was made under circumstances whereby all rights in and to said subject matter were vested in GLAXOSMITHKLINE S.P.A. by operation of law, and whereas subject matter of the Invention and Improvements made while under contract to AUTIFONY SRL was made under circumstances whereby all rights in and to said subject matter were vested in AUTIFONY SRL by virtue of his contractual obligations;

WHEREAS by virtue of an agreement between GLAXOSMITHKLINE S.P.A. and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, a company incorporated in England whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, effective at 19 August 2011 the whole right, title and interest in and to the **Invention and Improvements** and in and to the **Applications** owned by GLAXOSMITHKLINE S.P.A. was transferred to GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED;

WHEREAS by virtue of an agreement between GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED and GLAXO GROUP LIMITED, a company incorporated in England whose registered address is Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex, UB6 0NN, England, effective at 19 August 2011 the whole right, title and interest in and to the Invention and Improvements and in and to the Applications owned by GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED was transferred to GLAXO GROUP LIMITED:

WHEREAS by virtue of an agreement between GLAXO GROUP LIMITED and AUTIFONY THERAPEUTICS LIMITED a company incorporated in England and Wales whose registered address is 90 High Holborn, London, WC1V 6XX, effective at 19 August 2011 the whole right, title and interest in and to the **Invention and Improvements** and in and to the **Applications** owned by GLAXO GROUP LIMITED was transferred to AUTIFONY THERAPEUTICS LIMITED;

WHEREAS by virtue of an agreement between AUTIFONY SRL and AUTIFONY THERAPEUTICS LIMITED a company incorporated in England and Wales whose registered address is 90 High Holborn, London, WC1V 6XX, effective as of 6 December 2011 the whole right, title and interest in and to the **Invention and Improvements** and in and to the **Applications** owned by AUTIFONY SRL was transferred to AUTIFONY THERAPEUTICS LIMITED;

WHEREAS AUTIFONY THERAPEUTICS LIMITED is desirous of confirming its entitlements in and to the Invention and Improvements and in and to the Applications.

NOW, THEREFORE, to all whom it may concern be it known that I/we, Anne DÉCOR and Dieter HAMPRECHT hereby confirm the ownership by GLAXOSMITHKLINE S.P.A. of the Invention and Improvements and the Applications by operation of law and, if under the law of the United States of America I/we the Inventor(s) have any ownership right, title and interest in and to the Invention and Improvements and the Applications ownership right, title or interest in and to the Invention and Improvements and to the Application based on the law of Italy), I/we do not believe to be the case and claim no ownership right, title or interest in and to the Invention and Improvements and to the Application based on the law of Italy), I/we Anne DÉCOR and Dieter HAMPRECHT nevertheless hereby assign and transfer such ownership right, title and interest in and to the Invention and Improvements and to the Applications, including the right to claim priority from the Applications in respect of any subsequent applications, and in and to any divisional application, continuation or continuation in part application thereof, and in and to any Supplementary Protection Certificate, extension, or re-issue thereof, to GLAXOSMITHKLINE S.P.A..

NOW, THEREFORE, to all whom it may concern be it known that I Agostino MARASCO hereby confirm the ownership by GLAXOSMITHKLINE S.P.A. of subject matter of the Invention and Improvements and such subject matter in the Applications, made in the course of employment by GLAXOSMITHKLINE S.P.A. and I confirm the ownership by AUTIFONY SRL of subject matter of the Invention and Improvements and such subject matter in the Applications, made in the course of employment by AUTIFONY SRL, whereby said ownership by GLAXOSMITHKLINE S.P.A. and said ownership by AUTIFONY SRL derives from operation of law and, if under the law of the United States of America I have any ownership right, title and interest in and to the Invention and

Improvements and the Applications, (which I do not believe to be the case and claim no ownership right, title or interest in and to the Invention and Improvements and to the Application based on the law of Italy), I nevertheless hereby assign and transfer such ownership right, title and interest in and to the particular subject matter of the Invention and Improvements and to the Applications, including the right to claim priority from the Applications in respect of any subsequent applications, and in and to any divisional application, continuation or continuation in part application thereof, and in and to any Supplementary Protection Certificate, extension, or re-issue thereof, for subject matter of the Invention and Improvements and subject matter in the Applications made during employment by GLAXOSMITHKLINE S.P.A., to GLAXOSMITHKLINE S.P.A. and for subject matter of the Invention and Improvements and subject matter in the Applications made during employment by GLAXOSMITHKLINE S.P.A., to AUTIFONY SRL, to AUTIFONY SRL.

NOW, THEREFORE, to all whom it may concern be it known that I Giuseppe ALVARO hereby confirm the ownership by GLAXOSMITHKLINE S.P.A. of subject matter of the Invention and Improvements and such subject matter in the Applications made in the course of employment by GLAXOSMITHKLINE S.P.A. and I confirm the ownership by AUTIFONY SRL of subject matter of the Invention and Improvements and such subject matter in the Applications made while under contract to AUTIFONY SRL, whereby said ownership by GLAXOSMITHKLINE S.P.A. and said ownership by AUTIFONY SRL derives from operation of law and by virtue of a specific assignment clause in the Inventor(s)'s respective contracts respectively, and, if under the law of the United States of America I have any ownership right, title and interest in and to the Invention and Improvements and the Applications, (which I do not believe to be the case and claim no ownership right, title or interest in and to the Invention and Improvements and to the Application based on the law of Italy), I nevertheless hereby assign and transfer such ownership right, title and interest in and to the particular subject matter of the Invention and Improvements and to the Applications, including the right to claim priority from the Applications in respect of any subsequent applications, and in and to any divisional application, continuation or continuation in part application thereof, and in and to any Supplementary Protection Certificate, extension, or re-issue thereof, for subject matter of the Invention and Improvements and subject matter in the Applications made during employment by GLAXOSMITHKLINE S.P.A., to GLAXOSMITHKLINE S.P.A. and for

subject matter of the **Invention and Improvements** and subject matter in the **Applications** made while under contract to **AUTIFONY SRL**, to **AUTIFONY SRL**.

GLAXOSMITHKLINE S.P.A. hereby confirms its assignment and transfer to GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED of its whole right, title and interest in all countries, including the United States of America, its territories and possessions in and to the **Invention and Improvements** and in and to the **Applications** including the right to claim priority from the application in respect of any subsequent applications, and in and to any divisional application, continuation or continuation in part application thereof, and in and to any Supplementary Protection Certificate, extension or re-issue thereof.

**GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** in turn hereby confirms its assignment and transfer to **GLAXO GROUP LIMITED** of its whole right, title and interest in all countries, including the United States of America, its territories and possessions in and to the **Invention and Improvements** and in and to the **Applications** including the right to claim priority from the application in respect of any subsequent applications, and in and to any divisional application, continuation or continuation in part application thereof, and in and to any Supplementary Protection Certificate, extension or re-issue thereof.

GLAXO GROUP LIMITED in turn hereby confirms its assignment and transfer to AUTIFONY THERAPEUTICS LIMITED of its whole right, title and interest in all countries, including the United States of America, its territories and possessions in and to the Invention and Improvements and in and to the Applications including the right to claim priority from the application in respect of any subsequent applications, and in and to any divisional application, continuation or continuation in part application thereof, and in and to any Supplementary Protection Certificate, extension or re-issue thereof, and GLAXO GROUP LIMITED hereby authorise and request any patent arising therefrom, in all countries, including the United States of America, its territories and possessions, be issued to AUTIFONY THERAPEUTICS LIMITED.

AUTIFONY SRL in turn hereby confirms its assignment and transfer to AUTIFONY THERAPEUTICS LIMITED of its whole right, title and interest in all countries, including the

United States of America, its territories and possessions in and to the **Invention and Improvements** and in and to the **Applications** including the right to claim priority from the application in respect of any subsequent applications, and in and to any divisional application, continuation or continuation in part application thereof, and in and to any Supplementary Protection Certificate, extension or re-issue thereof, and **AUTIFONY SRL** hereby authorise and request any patent arising therefrom, in all countries, including the United States of America, its territories and possessions, be issued to **AUTIFONY THERAPEUTICS LIMITED.** 

IN WITNESS whereof, Giuseppe ALVARO, Agostino MARASCO, Anne DÉCOR, Dieter HAMPRECHT and the Attorney & Authorised Officials of GLAXOSMITHKLINE S.P.A, GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, GLAXO GROUP LIMITED, AUTIFONY SRL and AUTIFONY THERAPEUTICS LIMITED have hereunto set their respective hands.

Inventor Name	Signature	Date
Giuseppe ALVARO	finger alur	- MARCH 05,2013
Agostino MARASQ	o: Lean Abrean	MARCH 05.2013
Anne DÉCOR:	Huelook February	26, 2013

Dieter HAMPRECHT:\_\_\_\_\_

Marcus Jonathan William DALTON

SIGNED by \_\_

AUT-P1337PCT

As the Attorney of GLAXOSMITHKLINE S.P.A..

1 1 APR 2013 Date: Marcus Jonathan William DALTON

SIGNED by \_\_\_\_\_

As the Attorney of GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED.

1 1 APR 2013 Date: Marcus Jonathan William DALTON

SIGNED by

SIGNED by

As the Attorney of GLAXO GROUP LIMITED.

Date: \_\_\_\_\_1 1 APR 2013

As the Attorney of AUTIFONY SRL.

Date: \_\_\_\_\_\_ 19/3/2013 JUIN BRANSHAN

SIGNED by \_\_\_\_

As the Attorney of AUTIFONY THERAPEUTICS LIMITED.

CHARLOS LARGE

Date: 25/3/2017

## CONFIRMATORY ASSIGNMENT

### WHEREAS I/WE:

Giuseppe ALVARO and Agostino MARASCO both citizens of Italy, Anne DÉCOR a citizen of France and Dieter HAMPRECHT a citizen of Germany, while residents of Verona, Italy invented or discovered certain improvements in "Novel Compounds" (hereinafter referred to as "the Invention and Improvements") for which priority application 1109514.8 was filed on 07 June 2011, priority application 1113761.9 was filed on 10 Aug 2011 and priority application 1209986.7 was filed on 06 June 2012, all in the United Kingdom, and for which a PCT international application PCT/GB2012/051278 was filed on 07 June 2012, designating the United States of America and naming the aforesaid individuals as inventor, and in the United States only applicant/inventor (hereinafter referred to as "the Applications");

WHEREAS Anne DÉCOR and Dieter HAMPRECHT were employed at the time of making the Invention and Improvements by GLAXOSMITHKLINE S.P.A. a company incorporated in Italy whose registered address is Via Alessandro Fleming 2, 37135 Verona, Italy, and whereas the Invention and Improvements were made in the course of employment under circumstances whereby all rights in and to the Invention and Improvements were vested in GLAXOSMITHKLINE S.P.A. by operation of law;

WHEREAS Agostino MARASCO was employed at the time of making certain subject matter of the Invention and Improvements by GLAXOSMITHKLINE S.P.A. and was employed at the time of making the remaining subject matter of the Invention and Improvements by AUTIFONY SRL, a company incorporated in Italy whose registered address is Via Belgio 12, Verona, 37135, Italy, and whereas subject matter of the Invention and Improvements made in the course of employment by GLAXOSMITHKLINE S.P.A. was made under circumstances whereby all rights in said subject matter were vested in GLAXOSMITHKLINE S.P.A. by operation of Iaw, and whereas subject matter of the Invention and Improvements made in the course of employment by AUTIFONY SRL was made under circumstances whereby all rights in and to said subject matter were vested in AUTIFONY SRL by operation of Iaw;

WHEREAS Giuseppe ALVARO was employed at the time of making certain subject matter of the Invention and Improvements by GLAXOSMITHKLINE S.P.A. and was contracted at the time of making the remaining subject matter of Invention and Improvements to AUTIFONY SRL, and whereas subject matter of the Invention and Improvements made in the course of employment by GLAXOSMITHKLINE S.P.A. was made under circumstances whereby all rights in and to said subject matter were vested in GLAXOSMITHKLINE S.P.A. by operation of law, and whereas subject matter of the Invention and Improvements made while under contract to AUTIFONY SRL was made under circumstances whereby all rights in and to said subject matter were vested in AUTIFONY SRL by virtue of his contractual obligations;

WHEREAS by virtue of an agreement between GLAXOSMITHKLINE S.P.A. and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, a company incorporated in England whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, effective at 19 August 2011 the whole right, title and interest in and to the Invention and Improvements and in and to the Applications owned by GLAXOSMITHKLINE S.P.A. was transferred to GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED;

WHEREAS by virtue of an agreement between GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED and GLAXO GROUP LIMITED, a company incorporated in England whose registered address is Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex, UB6 0NN, England, effective at 19 August 2011 the whole right, title and interest in and to the Invention and Improvements and in and to the Applications owned by GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED was transferred to GLAXO GROUP LIMITED;

WHEREAS by virtue of an agreement between GLAXO GROUP LIMITED and AUTIFONY THERAPEUTICS LIMITED a company incorporated in England and Wales whose registered address is 90 High Holborn, London, WC1V 6XX, effective at 19 August 2011 the whole right, title and interest in and to the **Invention and Improvements** and in and to the **Applications** owned by GLAXO GROUP LIMITED was transferred to AUTIFONY THERAPEUTICS LIMITED;

WHEREAS by virtue of an agreement between AUTIFONY SRL and AUTIFONY THERAPEUTICS LIMITED a company incorporated in England and Wales whose registered address is 90 High Holborn, London, WC1V 6XX, effective as of 6 December 2011 the whole right, title and interest in and to the **Invention and Improvements** and in and to the **Applications** owned by AUTIFONY SRL was transferred to AUTIFONY THERAPEUTICS LIMITED;

WHEREAS AUTIFONY THERAPEUTICS LIMITED is desirous of confirming its entitlements in and to the Invention and Improvements and in and to the Applications.

NOW, THEREFORE, to all whom it may concern be it known that I/we, Anne DÉCOR and Dieter HAMPRECHT hereby confirm the ownership by GLAXOSMITHKLINE S.P.A. of the Invention and Improvements and the Applications by operation of law and, if under the law of the United States of America I/we the Inventor(s) have any ownership right, title and interest in and to the Invention and Improvements and the Applications, (which I/we do not believe to be the case and claim no ownership right, title or interest in and to the Invention and Improvements and to the Application based on the law of Italy), I/we Anne DÉCOR and Dieter HAMPRECHT nevertheless hereby assign and transfer such ownership right, title and interest in and to the Invention and Improvements and to the Applications, including the right to claim priority from the Applications in respect of any subsequent applications, and in and to any divisional application, continuation or continuation in part application thereof, and in and to any Supplementary Protection Certificate, extension, or re-issue thereof, to GLAXOSMITHKLINE S.P.A..

NOW, THEREFORE, to all whom it may concern be it known that I Agostino MARASCO hereby confirm the ownership by GLAXOSMITHKLINE S.P.A. of subject matter of the Invention and Improvements and such subject matter in the Applications, made in the course of employment by GLAXOSMITHKLINE S.P.A. and I confirm the ownership by AUTIFONY SRL of subject matter of the Invention and Improvements and such subject matter in the Applications, made in the course of employment by AUTIFONY SRL, whereby said ownership by GLAXOSMITHKLINE S.P.A. and said ownership by AUTIFONY SRL derives from operation of law and, if under the law of the United States of America I have any ownership right, title and interest in and to the Invention and

Improvements and the Applications, (which I do not believe to be the case and claim no ownership right, title or interest in and to the Invention and Improvements and to the Application based on the law of Italy), I nevertheless hereby assign and transfer such ownership right, title and interest in and to the particular subject matter of the Invention and Improvements and to the Applications, including the right to claim priority from the Applications in respect of any subsequent applications, and in and to any divisional application, continuation or continuation in part application thereof, and in and to any Supplementary Protection Certificate, extension, or re-issue thereof, for subject matter of the Invention and Improvements and subject matter in the Applications made during employment by GLAXOSMITHKLINE S.P.A., to GLAXOSMITHKLINE S.P.A. and for subject matter of the Invention and Improvements and subject matter in the Applications made during employment by employment by AUTIFONY SRL, to AUTIFONY SRL.

NOW, THEREFORE, to all whom it may concern be it known that I Giuseppe ALVARO hereby confirm the ownership by GLAXOSMITHKLINE S.P.A. of subject matter of the Invention and Improvements and such subject matter in the Applications made in the course of employment by GLAXOSMITHKLINE S.P.A. and I confirm the ownership by AUTIFONY SRL of subject matter of the Invention and Improvements and such subject matter in the Applications made while under contract to AUTIFONY SRL, whereby said ownership by GLAXOSMITHKLINE S.P.A. and said ownership by AUTIFONY SRL derives from operation of law and by virtue of a specific assignment clause in the Inventor(s)'s respective contracts respectively, and, if under the law of the United States of America I have any ownership right, title and interest in and to the Invention and Improvements and the Applications, (which I do not believe to be the case and claim no ownership right, title or interest in and to the Invention and Improvements and to the Application based on the law of Italy), I nevertheless hereby assign and transfer such ownership right, title and interest in and to the particular subject matter of the Invention and Improvements and to the Applications, including the right to claim priority from the Applications in respect of any subsequent applications, and in and to any divisional application, continuation or continuation in part application thereof, and in and to any Supplementary Protection Certificate, extension, or re-issue thereof, for subject matter of the Invention and Improvements and subject matter in the Applications made during employment by GLAXOSMITHKLINE S.P.A., to GLAXOSMITHKLINE S.P.A. and for 4

> PATENT REEL: 033960 FRAME: 0465

subject matter of the Invention and Improvements and subject matter in the Applications made while under contract to AUTIFONY SRL, to AUTIFONY SRL.

GLAXOSMITHKLINE S.P.A. hereby confirms its assignment and transfer to GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED of its whole right, title and interest in all countries, including the United States of America, its territories and possessions in and to the **Invention and Improvements** and in and to the **Applications** including the right to claim priority from the application in respect of any subsequent applications, and in and to any divisional application, continuation or continuation in part application thereof, and in and to any Supplementary Protection Certificate, extension or re-issue thereof.

**GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** in turn hereby confirms its assignment and transfer to **GLAXO GROUP LIMITED** of its whole right, title and interest in all countries, including the United States of America, its territories and possessions in and to the **Invention and Improvements** and in and to the **Applications** including the right to claim priority from the application in respect of any subsequent applications, and in and to any divisional application, continuation or continuation in part application thereof, and in and to any Supplementary Protection Certificate, extension or re-issue thereof.

GLAXO GROUP LIMITED in turn hereby confirms its assignment and transfer to AUTIFONY THERAPEUTICS LIMITED of its whole right, title and interest in all countries, including the United States of America, its territories and possessions in and to the Invention and Improvements and in and to the Applications including the right to claim priority from the application in respect of any subsequent applications, and in and to any divisional application, continuation or continuation in part application thereof, and in and to any Supplementary Protection Certificate, extension or re-issue thereof, and GLAXO GROUP LIMITED hereby authorise and request any patent arising therefrom, in all countries, including the United States of America, its territories and possessions, be issued to AUTIFONY THERAPEUTICS LIMITED.

AUTIFONY SRL in turn hereby confirms its assignment and transfer to AUTIFONY THERAPEUTICS LIMITED of its whole right, title and interest in all countries, including the

United States of America, its territories and possessions in and to the **Invention and Improvements** and in and to the **Applications** including the right to claim priority from the application in respect of any subsequent applications, and in and to any divisional application, continuation or continuation in part application thereof, and in and to any Supplementary Protection Certificate, extension or re-issue thereof, and **AUTIFONY SRL** hereby authorise and request any patent arising therefrom, in all countries, including the United States of America, its territories and possessions, be issued to **AUTIFONY THERAPEUTICS LIMITED.** 

IN WITNESS whereof, Giuseppe ALVARO, Agostino MARASCO, Anne DÉCOR, Dieter HAMPRECHT and the Attorney & Authorised Officials of GLAXOSMITHKLINE S.P.A, GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, GLAXO GROUP LIMITED, AUTIFONY SRL and AUTIFONY THERAPEUTICS LIMITED have hereunto set their respective hands.

Inventor Name	Signature	Date
Giuseppe ALVARO:		
Agostino MARASCO:		
Anne DÉCOR:		
	2545	Feb. 27, 2013

SIGNED by		
As the Attorney of GLAXOSMITHKLIN		
	Date:	
		-
SIGNED by		
As the Attorney of GLAXOSMITHKLIN	E RESEARCH AND DEVELOPMENT L	IMITED.
	Date:	-
SIGNED by		
As the Attorney of GLAXO GROUP LI	MITED.	
	Date:	-
SIGNED by		
As the Attorney of <b>AUTIFONY SRL</b> .		
	Date:	-
SIGNED by		
As the Attorney of <b>AUTIFONY THERA</b>	PEUTICS LIMITED.	
	Date:	-
	7	
		DATENT

PATENT REEL: 033960 FRAME: 0468

RECORDED: 10/16/2014